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**SYSTEM
SOFTWARE INFORMATION**

Order No. AA-5074J-RK

FEBRUARY 1984

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DECSYSTEM-20	Micro/RSX	VT
DECUS	PDP	digital
DECwriter	PDT	

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PREFACE

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PURPOSE

System Software Information (SSI) is a reference guide to DIGITAL's software products. It is designed to help DIGITAL's Sales and support groups by providing a central reference for software product information derived from many sources. Its tabulated format simplifies the comparison of available features on various software operating systems.

DESCRIPTION

The manual provides information concerning DIGITAL's major operating systems, including dependent products, manuals, distribution media, hardware support, language support, and miscellaneous support. In the product and documentation pages, the right hand column for each product shows the current product release and supporting documentation. The other columns show release history of the product. Unless otherwise noted, the latest version of the product option is the only one shipped.

SOURCES

The software product's name, version number and date, kit number, and SPD number and code are extracted from the Software Product Description (SPD). The SPD is also the source for information concerning the Base Operating Systems, which are the operating systems (and versions) required for operating the dependent software (see page 1-2 and succeeding pages for examples). The SPD contains much other information and is the only legal statement of functionality of any software product.

The Bills of Material that accompany all software shipments provide the names and order numbers of the software manuals associated with the listed operating systems and dependent software (see page 1-2 and succeeding pages).

Software developers and maintainers provide information for the listing of Hardware Support (example on page 1-75), Distribution Media (example on page 1-98), and similar information. This information is also available on the individual SPDs.

Unless otherwise noted, all software products and manuals are available from DIGITAL's Software Distribution Center (SDC) in Northboro, Massachusetts.

NOTATION

The support codes used throughout the manual are:

- X = supported in the current release
- = not supported, nor is support intended
- (blank) = future support uncertain, or information is not available

This February 1984 version of System Software Information shows product information valid as of January 30, 1984.

The Language Features sections, which were included in previous issues of System Software Information, are now in a separate document titled Language Fundamentals. All persons on automatic distribution for System Software Information are also on automatic distribution for the companion volume. Note that while System Software Information is for internal use only, Language Fundamentals is not so restricted.

To subscribe to System Software Information, Software Support personnel should refer their requests to the CLAS contact in their district (the publication code is SSI). Other DIGITAL personnel can subscribe by writing or calling Gladys Pannell, MLO 12-3/A62, DTN 223-5860. Please supply name, badge number, cost center, and mail stop.

If you wish to order without subscribing, please request your literature contact to place your order with Software Distribution Center.

Software Identification Codes:

System Software Information	AA-5074J-RK
Language Fundamentals	AA-M460C-TK

PRODUCT NAME	KIT # SPD #	PDP-11 Software Product Versions - System Software						PAGE
		V4	V5	V6	V7	V8		
CTS-300	QJ354 12.9	V4 9/77	V5 1/79	V6 4/80	V7 2/82	V8 7/83		1-2
IAS	QR330 14.65	V01 12/75	V1.1 6/76	V2 8/77	V3 1/79	V3.1 3/81		1-6
RSTS/E	See SPD 13.1	V6B-02 1/77	V6C 11/77	V7 11/79	V7.1 12/81	V7.2 6/82	V8 4/83	1-13
MICRO/RSTS	QY829	V1 2/84						1-20
RSX-11M	See SPD 14.35	V02 9/75	V03 2/77	V3.1 2/78	V3.2 8/79	V4 3/82	V4.1 6/83	1-26
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MINC/BASIC	See SPD 14.47	V1 10/78	V1.1 9/79	V1.2 6/80	V2 8/81	V3 9/82	V3.1 8/83	1-69
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PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - CTS-300			
CTS-300	See SPD 12.09.17 AE-5790P-TC CTS-300 System User's Guide DIBOL-11 Language Ref. Man. Update 1 DECFORM User's Guide Update CTS-300 V5 Release Notes and and Installation Guide CTS-300 V6 Release Notes and Installation Guide CTS-300 V7 Release Notes and Installation Guide CTS-300 Concepts and Facilities CTS-300 V5 Software Implementa- tion Notes RT-11 V03B Documentation Kit RT-11 V4 Documentation Kit Introduction to CTS-300 and DIBOL D150 Operations Guide CTS-300 Message Manual RT-11 Autopatch User's Guide RT-11 Autopatch Release Notes CTS-300 Autopatch Release Notes Technical Summary Introduction to DIBOL DIBOL-83 Language Ref Manual DIBOL-83 Compatibility Manual CTS-300 System User's Guide (French) CTS-300 V6 Installation Guide (French) CTS-300 Message Manual (French) Introduction to CTS-300 and DIBOL (French) CTS-300 System User's Guide (German title: CTS-300 System Benutzer-Handbuch) CTS-300 V6 Installation Guide (German title: CTS-300 Software Installation-Handbuch) CTS-300 V7 Installation Guide (German) CTS-300 Message Manual (German) Introduction CTS-300 and DIBOL (German)	V5 5/78 AA-C747B-TC AA-1760E-TC D-11-LDRMA-C-DN1 AA-5792C-TC AD-5792C-T1 AA-5697D-TC AA-5495A-TC AV-H324A-TC QSD01-GZ AA-H572B-TC	V6 4/80 AA-C747C-TC AA-1760F-TC AD-1760E-T1 AA-5792D-TC Obsolete AA-5697E-TC Removed Obsolete QJ013-GZ AA-5519A-TC AA-K238A-TC AA-K388D-TC AA-L313C-TC EJ-20045-18 AA-K501A-TC AA-K648A-TC AA-K502A-TC AA-K649A-TC	V7 2/82 AA-C747D-TC AA-1760G-TC Obsolete AA-5792E-TC AA-5697F-TC QJ013-GZ/V4 AA-5519A-TC AA-M250A-TC AA-K238A-TC AA-K388H-TC AA-M222B-TC EJ-20045-18 AA-K501B-TC AA-K648B-TC AA-M764A-TC AA-M765A-TC AA-K502B-TC AA-K649B-TC AA-M766A-TC AA-M767A-TC	V8 7/83 AA-C747E-TC Obsolete AA-5792E-TC AA-5797G-TC Obsolete AA-M250B-TC Removed AA-U066A-TK AA-P042A-TK AA-V810A-TK

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - CTS-300			
CTS-300/PDT for D150	QJ354 12.9.7 AE-5790H-TC Base Operating System: RT-11 Documentation Directory RT-11/PDT Installation Notes D150 Operations Guide RT-11 System Release Notes Update 2	V1 8/79 CTS-300 V5 AA-5285D-TC AA-H281A-TC AA-H572B-TC AD-5286B-T2			
CTS-300 RDCP (2780/3780)	See SPD 10.61.03 AE-H691D-TC Base Operating System: CTS300 2780/3780 RDCP User's Guide CTS-300 2780/3780 RDCP Release Notes and Installation Guide	V1 CTS-300 V5 AA-D957A-TC AA-H661A-TC	V2 8/80 CTS-300 V6 AA-D957B-TC AA-H661B-TC	V2.1 12/82 CTS-300 V6 AA-D957B-TC AA-H661C-TC	
DEctype	QJ038 30.32.0 AE-R596A-TK Base Operating Systems: Managing and Installing DEctype-300 DEctype Reference Manual Using DEctype DEctype Quick Reference Guide	V3 6/83 CTS-300 V7 VAX/VMS V3.2,V3.3 AA-L024C-TC AA-R124A-TK AA-R125A-TK AV-R128A-TK			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - CTS-300			
DIBS-11/ CTS-300	See SPD 12.34.2 AE-K499C-TC Base Operating System: DIBS-11 OEI User's Manual Update 1 DIBS-11 OEI System Ref. Man. Update 1 DIBS-11 Inv. Management User's Guide Update 1 DIBS-11 Inv. Management System Reference Manual Update 1 DIBS-11 G/L User's Manual Update 1 DIBS-11 G/L System Ref. Man. Update 1 DIBS-11 G/L Interface Ref. Man. Update 1 DIBS-11 Accounts Receivable User's Manual Update 1 DIBS-11 Accounts Receivable System Reference Manual Update 1 DIBS-11 Accounts Payable User's Manual Update 1 DIBS-11 Accounts Payable System Reference Manual Update 1 DIBS-11 Payroll User's Manual Update 1 DIBS-11 Payroll System Reference Manual Update 1 DIBS-11 Site Manager's Guide Update 1 DIBS-11 Programmer's Handbook DIBS-11 Programmer's Guide Update 1 DIBS-11 Difference Document	V1 11/80 CTS-300 V6 AA-J354A-TC AA-J507A-TC AA-J527A-TC AA-J528A-TC AA-K115A-TC AA-K116A-TC AA-K247A-TC AA-K119A-TC AA-K120A-TC AA-K123A-TC AA-K124A-TC AA-K127A-TC AA-K128A-TC AA-K245A-TC AA-K246A-TC	V1.1 9/82 CTS-300 V7 AA-J354A-TC AA-N280A-TC AA-J507A-TC AA-N281A-TC AA-J527A-TC AA-N282A-TC AA-J528A-TC AA-N283A-TC AA-K115A-TC AA-N277A-TC AA-K116A-TC AA-N278A-TC AA-K247A-TC AA-N279A-TC AA-K119A-TC AA-N284A-TC AA-K120A-TC AA-N285A-TC AA-K123A-TC AA-N275A-TC AA-K124A-TC AA-N276A-TC AA-K127A-TC AA-N273A-TC AA-K128A-TC AA-N274A-TC AA-K245A-TC AD-K245A-T1 AA-L866A-TC AD-L866A-T1 AA-N684A-TC		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - CTS-300			
DIBS-11 UK	See SPD 12.54.0 AE-L878A-TC Base Operating System: DIBS-11 General Ledger Interface Applications Summary DIBS-11/UK Site Management Guide DIBS-11/UK Programmer's Handbk DIBS-11/UK V1 Release Notes DIBS-11/UK General Ledger User's Guide DIBS-11/UK General Ledger Applications Summary DIBS-11/UK Accounts Payable User's Guide DIBS-11/UK Accounts Payable Applications Summary DIBS-11/UK Accounts Receivable User's Guide DIBS-11/UK Accounts Receivable Applications Summary DIBS-11/UK Invoice Management User's Guide DIBS-11/UK Invoice Management Applications Summary DIBS-11/UK O/E+T User's Guide DIBS-11/UK O/E+T Applications Summary	V1 10/81 CTS-300 V6 AA-L427A-TC AA-L428A-TC AA-L429A-TC AA-L430A-TC AA-L431A-TC AA-L432A-TC AA-L433A-TC AA-L434A-TC AA-L435A-TC AA-L436A-TC AA-L437A-TC AA-L438A-TC AA-L439A-TC AA-L440A-TC			
QUILL	QJA09 12.55.03 AE-M231D-TC Base Operating System: QUILL User's Guide QUILL Reference Manual QUILL Release Notes and Installation Guide QUILL Dictionary Maintenance Guide	V1 12/81 CTS-300 V7 AA-M099A-TC AA-M100A-TC AA-M101A-TC AA-M196A-TC	V1.1 9/82 CTS-300 V7 AA-M099A-TC AA-M100A-TC AA-M101B-TC AA-M196A-TC	V2 7/83 CTS-300 V8 AA-M099B-TC AA-M100B-TC AA-M101C-TC AA-M196B-TC	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - IAS			
IAS	QR330 14.65.11 AE-3423L-TC	V2 8/77	V3 1/79	V3.1 3/81	
	IAS Documentation Directory IAS System Release Notes IAS User's Guide IAS System Management Guide IAS Executive Reference Manual Volume I IAS Executive Reference Manual Volume II IAS System Generation Guide IAS Task Builder Reference Guide IAS/RSX-11 ODT Reference Manual IAS/RSX-11 MACRO-11 Reference Manual IAS/11D Guide to Writing a Device Handler Task IAS/RSX-11 I/O Operations Reference Manual IAS/RSX-11D Device Handlers Reference Manual IAS Editing Utilities Reference Manual Addenda	D-11-OIDDA-C-D D-11-OISRA-E-D D-11-OIUGA-C-D D-11-OISMA-C-D D-11-OIE1A-B-D	AA-2500D-TC AA-2521F-TC Superseded AA-2520D-TC Superseded	AA-2500E-TC AA-2521G-TC AA-2520E-TC	
	IAS Executive Reference Manual Volume I IAS System Generation Guide IAS Task Builder Reference Guide IAS/RSX-11 ODT Reference Manual IAS/RSX-11 MACRO-11 Reference Manual	D-11-OIE2A-B-D D-11-OISGA-C-D D-11-OITBA-B-D	Superseded Superseded AA-2533C-TC	AA-2533D-TC	
	IAS/11D Guide to Writing a Device Handler Task IAS/RSX-11 I/O Operations Reference Manual IAS/RSX-11D Device Handlers Reference Manual IAS Editing Utilities Reference Manual Addenda	D-11-OIODA-B-D D-11-OIMRA-B-D	D-11-OIODA-B-D D-11-OIMRA-B-D	D-11-OIODA-B-D D-11-OIMRA-B-D	
	IAS/RSX-11D Diagnostics Reference Manual IAS-11D FORTRAN Special Subroutines Introduction to RMS-11 IAS/RSX-11M RMS-11 MACRO Programmer's Reference Manual	D-11-OIDHA-B-D AA-2515C-TC	Superseded AA-2515D-TC	AA-2515D-TC	
	IAS/RSX-11D Device Handlers Reference Manual IAS Editing Utilities Reference Manual Addenda	D-11-OIHRA-C-D D-11-OIEUA-A-D	Superseded Superseded		
	IAS/RSX-11D Diagnostics Reference Manual IAS-11D FORTRAN Special Subroutines Introduction to RMS-11 IAS/RSX-11M RMS-11 MACRO Programmer's Reference Manual	D-11-OIEUA-A-DN1, DN2 D-11-OXLDA-C-D	D-11-OXLDA-C-D	D-11-OXLDA-C-D	
	IAS/RSX-11D Diagnostics Reference Manual IAS-11D FORTRAN Special Subroutines Introduction to RMS-11 IAS/RSX-11M RMS-11 MACRO Programmer's Reference Manual	D-11-LFSMA-C-D AA-0001A-TC AA-0002A-TC	Superseded AA-0001A-TC AA-0002A-TC	Superseded	
	IAS/RSX-11 Disk Save and Compress User's Guide PDP-11 PRESRV Utility User's Guide RSX-11M RMS-11 Utilities User's Guide IAS/11D Guide to Writing a Command Language Interpreter Task PDP-11 Programming Card IAS Interactive Terminal Session (Continued)	AA-5569B-TC D-11-UPRMA-B-D	AA-5569B-TC D-11-UPRMA-B-D	Superseded Superseded	
	RSX-11M RMS-11 Utilities User's Guide IAS/11D Guide to Writing a Command Language Interpreter Task PDP-11 Programming Card IAS Interactive Terminal Session (Continued)	AA-4954A-TC AA-D120A-TC	AA-4954A-TC Superseded		
	PDP-11 Programming Card IAS Interactive Terminal Session (Continued)	EH-S1046-76 EA-07551-20	EH-S1046-78 Superseded	EH-S1046-78	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - IAS			
	IAS PDS User's Guide IAS MCR User's Guide IAS System Directives Reference Manual IAS Executive Facilities Reference Manual Update IAS System Generation and Startup Guide IAS Guide to Writing a Device Handler Task IAS Device Handlers Reference Manual Update 1 IAS FORTRAN Special Subroutines Reference Manual Update IAS Guide to Writing a Command Language Interpreter Task PDP-11 SORT Reference Manual Update 1 IAS/RMS Installation Guide RSX-11 Utilities Procedures Manual Update IAS Utilities Manual IAS/RSX System Library Routines Reference Manual Update 1 DEC Editor Reference Manual EDT Editor Manual EDT Editor Reference Card RMS11 MACRO Programmers Reference Manual IAS Performance and Tuning Guide IAS V3 Master Index RMS-11 User's Guide RMS-11 Installation Guide Update 1 IAS Supp. Software Update Kit Installation Notes PDP-11 Keypad Editor User's Guide Update 1		AA-H003A-TC AA-H006A-TC AA-H002A-TC AA-H005A-TC AA-2519D-TC AA-H278A-TC AA-H004A-TC AA-H001A-TC AA-D120B-TC AA-3341C-TC AA-5521A-TC AA-5567B-TC AD-5567B-T1 AA-5580A-TC AA-5789A-TC AA-H683A-TC AA-H848A-TC AA-J030A-TC AA-D538A-TC AA-H235A-TC AD-H235A-T1 AA-J641A-TC	AA-H003B-TC AA-H006B-TC AA-H002B-TC AA-H005A-TC AD-H005A-T1 AA-2519E-TC AA-H278B-TC AA-H004A-TC AD-H004A-T1 AA-H001A-TC AD-H001A-T1 AA-D120C-TC AA-3341C-TC AD-3341C-T1 AA-5521A-TC Superseded Superseded AA-J882A-TC AA-5580A-TC AD-5580A-T1 Superseded AA-J726A-TC AV-J756A-TC AA-H683A-TC AA-H848B-TC AA-J030B-TC AA-D538A-TC AA-H235A-TC AD-H235A-T1 Superseded AA-H853A-TC AD-H853A-T1	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - IAS			
DATATRIEVE-11	See SPD 12.48.8 AE-C777I-TC Base Operating Systems: User's Guide to DATATRIEVE-11 DATATRIEVE-11 IAS Installation Guide DATATRIEVE-11 V2.4 Release Notes DATATRIEVE Primer DATATRIEVE-11 Installation Guide	V1.0 7/77 IAS V2 RSTS/E V6C RSX-11M V3,V3.1 AA-C742A-TC AA-C746A-TC AA-D110A-TC	V1.1 10/78 IAS V2 RSTS/E V6C RSX-11M V3.1 AA-C742A-TC Superseded AA-D110B-TC AA-H169A-TC	V2 5/80 IAS V3.1 RSTS/E V7 RSX-11M V3.2 RSX-11M PLUS V1 AA-C742B-TC AA-D110C-TC AA-J106A-TC AA-H169B-TC	V2.4 11/81 IAS V3.1 RSTS/E V7.1,V7.2 RSX-11M V3.2,V4 RSX-11M-PLUS V1,V AA-C742B-TC AA-D110D-TC AA-J106A-TC AA-H169C-TC
DATATRIEVE-11/ IAS	QP302 12.69.01 AE-W967B-TC Base Operating System: User's Guide to DATATRIEVE DATATRIEVE-11 V2.4 Release Notes DATATRIEVE-11 V2.4 Installa- TION Guide DATATRIEVE Primer	V2.4 7/83 IAS V3.1 AA-C842B-TC AA-D110D-TC AA-H169C-TC AA-J106A-TC			
DBMS-11 Data Base Management System	See SPD 12.66.03 AE-M130D-TC Base Operating Systems: DBMS-11 DDL Reference Manual DBMS-11 DBA Guide DBMS-11 F DML Reference Man. DBMS-11 CO DML Reference Man. DBMS-11 Installation Guide DBMS-11 V2 Release Notes Using DATATRIEVE/DBMS-11 Interface	V2 11/81 IAS V3.1 RSX-11M V3.2,V4 RSX-11M-PLUS V1,V2 AA-H804B-TC AA-H805B-TC AA-K883B-TC AA-K884B-TC AA-K885B-TC AA-K886B-TC AA-K887B-TC	V2.1 11/82 IAS V3.1 RSX-11M V4,V4.1 RSX-11M-PLUS V2,V2.1		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - IAS			
DECNET/IAS	QR682 10.71.09 AE-3429J-TC Base Operating Systems: Programmer's Guide and Ref. Man. Update RSX/IAS DECNET Release Notes RSX/IAS DECnet User's Guide Update 1 RSX/IAS DECnet System Manager's Guide Update RSX/IAS DECnet Networks Generation Manual RSX/IAS DECnet Release Notes DECnet-IAS V2.1 Release Notes DECnet-IAS V2.1 Networks Generation Manual DECnet-IAS System Manager's Guide DECnet-IAS Networks Generation Guide DECnet-IAS Post Installation Check-Out Procedure DECnet-IAS Guide to User Utilities DECnet-IAS Programmer's Ref.Man. DECnet-IAS Release Notes Introduction to DECnet DECnet-IAS Reference Card	V1.1 4/77 IAS V1.1 D-11-OPGRA-A-D D-11-OPGRA-A-DN1 D-11-OIDRA-B-D	V2 2/78 IAS V2 AA-5182A-TC AA-5183A-TC AA-D355A-TC AA-D393A-TC	V2.1 3/79 IAS V3,V3.1 AA-5182A-TC AD-5182A-T1 AA-5183A-TC AD-5183A-T1 AA-H532A-TC AA-H657A-TC	V3 4/82 IAS V3.1 AA-L714A-TC AA-L715A-TC AA-L716A-TC AA-L717A-TC AA-L718A-TC AA-L719A-TC AA-J055C-TK AV-M423A-TC
FMS-11/IAS	QJ711 12.32.03 AE-K500D-TC Base Operating System: FMS-11/RSX Software Reference Manual FMS-11/RSX/IAS Software Reference Manual Update 1 FMS-11/IAS V3.1 Release Notes Notes on FMS-11 V1 and V1.1	V1 7/81 IAS V3.1 AA-H855A-TC AD-H855A-T1 AA-K273A-TC AV-L711A-TK			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - IAS			
FORTRAN IV/IAS	QP231 14.77.02 AE-U071C-TC Base Operating System: IAS/RSX/VMS FORTRAN IV Installation and Release Notes PDP-11 FORTRAN Language Ref Man IAS/RSX VAX/VMS FORTRAN IV User's Guide	V2.5 4/83 IAS V3.1 AA-1821E-TC AA-1855D-TC AA-1936F-TC			
IAS/2780 Protocol Emulator	QRD03 10.90.02 AE-D093C-TC Base Operating System: RSX-11M/D/IAS 2780 Remote Computer System Release Notes 2780 Remote Computer System Installation Notes 2780 Remote Computer System Operator's Guide Updates	V3 12/77 IAS V3.1 AA-D073A-TC D-11-CCDNA-A-D D-11-CRCSA-A-D D-11-CRCSA-A-DN1, DN2,DN3,DN4,DN5			
MUX200/ RSX-IAS	QJ078 10.77.08 AE-3453I-TC Base Operating Systems: MUX200/RSX User's Guide MUX200/RSX System Manager's Guide MUX200/RSX Software Support Manual MUX200/RSX Release Notes MUX200/RSX-IAS V2 Sup Genr MUX200/RSX-IAS V2.1 Release Notes MUX200/RSX-IAS System Manager's Guide MUX200/RSX-IAS User's Guide	V2 8/77 IAS V3.1 RSX-11M V3.2,V4 D-11-CXUGA-B-D D-11-CXSMA-B-D D-11-CXSSA-B-D D-11-CXRNA-B-D AA-L307A-TC	V2.1 6/83 IAS V3.1 RSX-11M V4, V4.1 RSX-11M-PLUS V2.1	AA-1343C-TC AA-1344C-TC AA-1346C-TC	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - IAS			
PDP-11 BASIC-PLUS-2 for IAS PDP-11 COBOL	QJ919 14.13.05 AE-J198F-TC Base Operating Systems: Introduction to BASIC BASIC-PLUS-2 RSX/IAS/VMS User's Guide Updates 1 and 2 BASIC-PLUS-2 IAS Installation Guide PDP-11 BASIC-PLUS-2 Language Reference Manual Updates 1 and 2 IAS BASIC-PLUS-2 V1.6 Release Notes Update 1 PDP-11 BASIC-PLUS-2 V1.6 Programmer's Reference Card See SPD 12.40.19 AE-3417S-TC (RMS-11 is required) Base Operating Systems: PDP-11 COBOL Language Reference Manual Updates PDP-11 COBOL User's Guide Update PDP-11 COBOL Installation Guide COBOL-11 Pocket Reference Guide COBOL/IAS 4V Release Notes RSTS/E COBOL Task Builder	V1 12/79 IAS V2 AA-0155A-TK AA-0157B-TC AA-C741A-TC AA-0153A-TK V3.1 8/78 IAS V2 RSTS/E V63 RSX-11M V3,V3.1 CTS-500, 3A,3B AA-1749D-TC AA-1757C-TC AA-1745C-TC AV-1750C-TC	V1.6 2/80 IAS V3.1 AA-0155A-TK AA-0157C-TC AD-0157C-T1,T2 AA-C741B-TC AA-H774A-TC AD-H774A-T1,T2 AA-H874A-TC AD-H874A-T1 AV-K014A-TC V4 12/78 IAS V2,V3 RSTS/E V6C,V7 CTS-500 V4 3A,3B RSX-11M V3.1,V3.2 RSX-11M PLUS V1 AA-1749E-TC AA-1757D-TC AA-1745D-TC AV-1750C-TC AA-H513A-TC AA-5194A-TC	V4.1 6/80 IAS V3.1 RSTS/E V7 CTS-500 V5 RSX-11M V3.2 RSX-11M PLUS V1 AA-1749E-TC AD-1749E-T1 AA-1757E-TC AA-1745E-TC removed obsolete obsolete	V4.4 3/82 IAS V3.1 RSTS/E V7.2,V8 RSX-11M V4,V4.1 RSX-11M-PLUS V2,V21 AA-1749E-TC AD-1749E-T1,T2 AA-1757E-TC AD-1757E-T1 AA-1745F-TC

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - IAS			
<p>PDP-11 FORTRAN-77/IAS (formerly PDP-11 FORTRAN-IV-PLUS/IAS)</p>	<p>QP330 14.50.15 AE-3420P-TC</p> <p>Base Operating Systems:</p> <p>PDP-11 FORTRAN Language Ref Man FORTRAN IV-PLUS User's Guide Addendum IAS/RSX-11 Installation Guide FORTRAN IV-PLUS OTS Ref Man FORTRAN-IV PLUS Installation Guide PDP-11 FORTRAN-77 OTS Ref. Man Update PDP-11 FORTRAN-77 User's Guide Update PDP-11 FORTRAN-77 Installation Guide and Release Notes Update PDP-11 FORTRAN-77 Language Reference Manual Update</p>	<p>V2.5 9/79</p> <p>IAS V3</p> <p>D-11-LFLRA-C-D D-11-LFPUA-B-D D-11-LFPUA-B-DN1 D-11-LFPGB-C-D D-11-LFPOA-A-D</p>	<p>V3 4/80</p> <p>IAS V3.1</p> <p>AA-1855D-TC AA-1884C-TC</p> <p>AA-1874B-TC AA-1873D-TC</p>	<p>V4 9/81</p> <p>IAS V3.1 RSX-11M V3.2,V4 RSX-11M+ V1,V2</p> <p>AA-1874C-TC AA-1884D-TC AA-K503B-TC AA-L979A-TC</p>	<p>V4.1 6/82</p> <p>IAS V3.1</p> <p>AA-1874C-TC AD-1874D-T1 AA-1884D-TC AD-1884D-T1 AA-K503B-TC AA-K503B-T1 AA-L979A-TC AD-L979A-T1</p>
<p>PLXY-11/IAS</p>	<p>QJS94 14.68.0 AE-K798A-TC (Requires FORTRAN IV. See SPD.)</p> <p>Base Operating System:</p>	<p>V1.1 1/81</p> <p>IAS V3.1</p>			
<p>RSX-11M/IAS RJE/HASP</p>	<p>QJS60 10.51.6 AE-5248G-TC</p> <p>Base Operating Systems:</p> <p>RJE/HASP WORKSTATION Operator's Guide RJE/HASP WORKSTATION Installation Guide Addendum</p>	<p>V1 5/77</p> <p>IAS V1.1 RSX-11M V2 RSX-11D V6B RSX-11M V3 RSX-11D V6.2</p> <p>AA-5427A-TC AA-5426A-TC AD-5426A-T1</p>	<p>V1.1 2/80</p> <p>IAS V3.1 RSX-11M V3.2,V4</p> <p>AA-5427C-TC AA-5426C-TC</p>		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
RSTS/E	See SPD 13.01.24 AE-3400X-TC RSTS/E System Manager's Guide RSTS/E System User's Guide Update Introduction to BASIC BASIC/PLUS Language Manual RSTS/E V6C Release Notes RSTS/E Release Notes RSTS/E V8 Update C Release Notes RSTS/E RUNOFF User's Guide PDP-11 ROLLIN Utility Manual RSTS/E Programming Manual Update RSTS/E System Generation Man. Update 1 RSTS/E Documentation Directory RSTS/E Pocket Guide RSTS/E Task Builder Ref. Man. Update RSTS/E Text Editor Manual DEC Editor Reference Manual PDP-11 MACRO-11 Language Ref Man Update 1 RSTS/E Primer Beginner's Guide to DEC Editor RSTS/E FORTRAN IV Utility Man. PDP-11 SORT Reference Manual Update RMS-11 User's Guide Update 1 RSTS/E System Directives Manual RSTS/E Programmer's Utilities Manual Updates RMS-11 V1.8 Installation Guide RMS-11 MACRO-11 Reference Man. IAS/RSX-11 ODT Reference Manual PDP-11 TECO User's Guide RMO5 Release Notes Introduction to EDT Editor EDT Editor Manual EDT Editor Reference Card EDT Quick Reference Manual (Continued)	V7.0 11/79 AA-2762C-TC AA-5133B-TC AD-5133B-T1 AA-0155A-TK AA-2623C-TC AA-5246B-TC AA-5246C-TC D-11-URUNA-B-D AA-2711B-TC AA-2726C-TC AD-2726C-T1 AA-2669E-TC AA-2642D-TC D-11-ORFCA-A-D AA-5072A-TC AD-5072A-T1 D-11-UTEMA-A-D AA-5789A-TC AA-5075B-TC AA-5408A-TC AA-D374A-TC AA-2140B-TC AA-3341C-TC AA-D538A-TC AA-D748A-TC AA-D749A-TC AA-H235A-TC AA-H683A-TC D-11-OIODA-B-D D-11-UTECA-B-D AA-K012A-TC AA-K443A-TC AA-J726A-TC AV-J756A-TC	V7.1 12/81 AA-2762D-TC AA-5133C-TC Obsolete AA-0155A-TK AA-2623D-TC Superseded AA-5246D-TC D-11-URUNA-B-D Obsolete AA-2726D-TC Obsolete AA-2669E-TC AD-2669E-T1 AA-2642E-TC D-11-ORFCA-A-D AA-5072B-TC Obsolete Obsolete AA-5075B-TC AD-5075B-T1 AA-5408A-TC Obsolete Obsolete AA-3341C-TC AD-3341C-T1 AA-D538A-TC AD-D538A-T1 AA-D748B-TC AA-D749A-TC AD-D749A-T1 AA-H235A-TC AA-H683A-TC D-11-OIODA-B-D D-11-UTECA-B-D Obsolete AA-K443A-TC AA-J726A-TC AV-J756A-TC	V7.2 6/82 AA-2762D-TC AA-5133C-TC AA-0155B-TK AA-2623D-TC AA-5246E-TC D-11-URUNA-B-D AA-2669F-TC Obsolete AA-2642E-TC D-11-ORFCA-A-D AA-5072B-TC AD-5072B-T1 AA-5075B-TC AD-5075B-T1 AA-5408A-TC AA-3341C-TC AD-3341C-T1 AA-D538A-TC AD-D538A-T1 AA-D748B-TC AA-D749A-TC AD-D749A-T1, T2 AA-H235A-TC AA-H683A-TC AA-M507A-TC D-11-UTECA-B-D AA-K443A-TC AA-J726A-TC AV-J756A-TC	V8 4/83 AA-2762E-TC AA-5133C-TC AA-0155B-TK AA-2623D-TC AA-5246F-TC AA-AD67A-TC D-11-URUNA-B-D AA-2726E-TC AA-2669G-TC AA-2642F-TC AA-5072C-TC obsolete AA-V027A-TC AA-5408A-TC AA-3341C-TC AD-3341C-T1 AA-D748C-TC AA-D749A-TC AD-D749A-T1, T2 AA-M507A-TC D-11-UTECA-B-D AA-K443A-TC AA-M476A-TK AV-J756A-TC AA-M477A-TK

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
<p>BASIC-PLUS-2 for RSTS/E</p> <p>COBOL-81/ RSTS/E</p>	<p>RSTS/E DCL User's Guide RSTS/E Maintenance Notebook RSTS/E RT11 Utilities Manual RSTS/E Documentation Notes RSTS/E Installation Evaluation RSTS/E RMS-11 MACRO Programmer's Guide RSTS/E RMS-11 An Introduction RSTS/E RMS-11 Utilities RSTS/E RMS-11 User's Guide RSTS/E Quick Reference Guide MICRO RSTS Application Developer's Guide</p> <p>See PDP-11 BASIC-PLUS-2 for RSTS/E</p> <p>See SPD 13.16.06 AE-L880G-TC</p> <p>Base Operating System:</p> <p>COBOL-81 Language Ref. Man Updates COBOL-81 RSTS/E User's Guide COBOL-81 RSTS/E Installation Guide and Release Notes COBOL-81 Pocket Guide PDP-11 COBOL TO COBOL-81 Transfer Utility</p>	<p>V1 10/81</p> <p>RSTS/E V7,V7.1</p> <p>AA-J434A-TC AA-J435A-TC AA-L028A-TC AV-H630A-TC</p>	<p>AA-L426A-TC AA-L997A-TC</p> <p>AA-M213A-TC</p> <p>AV-D118D-TC</p> <p>V1.1 6/82</p> <p>RSTS/E V7.2 RSX-11M V4 RSX-11M-PLUS V2</p> <p>AA-J434A-TC AD-J434A-T1 AA-J435B-TC AA-L028B-TC AV-H630B-TC</p>	<p>AA-L426A-TC AA-L997B-TC</p> <p>AA-M213A-TC AV-M895B-TC AV-D118E-TC</p> <p>V1.2 10/82</p> <p>RSTS/E V7.2</p> <p>AA-J434A-TC AD-L434A-T1,T2 AA-J435B-TC AA-L028C-TC AV-H630B-TC</p>	<p>AA-L426B-TC AA-L997C-TC</p> <p>AA-M213A-TC AV-M895C-TC AV-D118F-TC AA-P507A-TC</p> <p>AA-P508A-TC AA-P509A-TC AA-P510A-TC AV-N996A-TC AA-P421A-TC</p> <p>AA-J434B-TC Obsolete AA-J435B-TC AA-L028D-TC AV-H630C-TC AA-N339A-TC</p>
	<p>See SPD 12.48.11 AE-C777L-TC</p> <p>Base Operating Systems:</p> <p>User's Guide to DATATRIEVE-11 DATATRIEVE-11 Release Notes RSTS/E RMS-11K Installation DATATRIEVE-11 V2.4 Installation Guide (for all systems) DATATRIEVE Primer</p>	<p>V1.1 10/78</p> <p>RSTS/E V6C,V7 IAS V2,V3 RSX-11M V3.1</p> <p>AA-C742A-TC AA-D110B-TC AA-D013A-TC AA-H169A-TC</p>	<p>V2 5/80</p> <p>RSTS/E V7 IAS V3.1 RSX-11M V3.2 RSX-11M-PLUS V1</p> <p>AA-C742B-TC AA-D110C-TC obsolete AA-H169B-TC AA-J106A-TC</p>	<p>V2.4 11/81</p> <p>RSTS/E V7.1, V7.2, V8 RSX-11M V3.2,V4 RSX-11M-PLUS V1,V2</p> <p>AA-C742B-TC AA-D110D-TC AA-H169C-TC AA-J106A-TC</p>	<p>V3 9/83</p> <p>RSTS/E V8 RSX-11M V4.1 RSX-11M-PLUS V2.1</p>

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
DECAL	QPE10 15.86.07 AD-3424H-TC Base Operating Systems: Instructor's Guide System Manager's Guide	V01 2/77 RSTS/E V5C-01 RSTS/E V6A-02 RSTS/E V6B D-11-LCIMA-A-D D-11-LCSMA-A-D, DN1	V2 3/78 RSTS/E V7.2,V8 AA-1747B-TC AA-1754B-TC		
DECgraph-11	QJA10 15.24.01 AE-W584B-TC Base Operating System: DECgraph User's Guide DECgraph Reference Manual DECgraph Release Notes and Installation Guide DECgraph Reference Card	V1 7/83 RSTS/E V8 AA-U061A-TC AA-U062A-TC AA-U063A-TC AV-U064A-TC			
DECmail/RSTS	13.19.02 AE-P532C-TC QR451 (RSTS/E) QY815 (Micro/RSTS) Base Operating System: DECmail-11 User's Guide for RSTS DECmail-11 Installation and System Manager's Guide for RSTS DECmail-11 Reference Card for for RSTS	V1 1/83 RSTS/E V7.2,V8 AA-P054A-TC AA-P505A-TC	V2 2/84 RSTS//E V8 Micro/RSTS V1 AA-P054B-TC AA-P505B-TC AV-AF34A-TC		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
DECnet/E	QP692 10.73.07 AE-D427G-TC Base Operating Systems: RSTS/E DECnet System Manager's Guide RSTS/E DECnet User's Guide DECnet/E V1 Release Notes DECnet/E Networks Programming BASIC and BASIC-PLUS-2 DECnet/E Networks Programming MACRO and FORTRAN DECnet/E Networks Programming in COBOL DECnet/E V1.1 Utilities Manual DECnet/E Guide to User Utilities DECnet/E System Manager's Guide DECnet/E V1.1 Release Notes DECnet/E Networks Installation Procedures DECnet/E Release Notes (V2) DECnet/E Networks Programming in MACRO DECnet/E Networks Programming in FORTRAN Introduction to DECnet	V1 2/78 RSTS/E V6C AA-5666A-TC AA-5667A-TC AA-D426A-TC	V1.1 11/79 RSTS/E V7 CTS-500 V5 Superseded Obsolete Superseded AA-H501A-TC AA-H502A-TC AA-H503A-TC AA-H504A-TC AA-H505A-TC AA-D426B-TC	V2 2/82 RSTS/E V7.2,V8 CTS-500 V7.1 AA-H501B-TC Obsolete AA-H503B-TC Superseded AA-H504B-TC AA-H505B-TC Obsolete AA-K714A-TC AA-M269A-TC AA-L265A-TC AA-L266A-TC AA-J055C-TK	
DECWORD/DP	See SPD 13.14.04 AE-L394E-TC Base Operating System: DECWORD/DP Directory Beginner's Guide to DECWORD DECWORD for WPS-8 Users How to use DECWORD DECWORD Quick Reference Guide Glossary of DECWORD Terms How to Use DECWORD List Processing How to use DECWORD Options How to Manage DECWORD/DP How to Install DECWORD/DP DECWORD/DP Release Information How to Use DECword Communications	V1 9/81 RSTS/V7 AA-L379A-TC AA-L380A-TC AA-L381A-TC AA-L382A-TC AA-L383A-TC AA-L384A-TC AA-L385A-TC AA-L386A-TC AA-L387A-TC AA-L388A-TC AA-L389A-TC	V1.1 2/82 RSTS/E V7.1 AA-L379A-TC AA-L380A-TC AA-L381A-TC AA-L382A-TC AA-L383A-TC AA-L384A-TC AA-L385A-TC AA-L386A-TC AA-L387A-TC AA-L388A-TC AA-L389B-TC	V1.2 6/82 RSTS/E V7.2,V8 AA-L379B-TC AA-L380B-TC AA-L381B-TC AA-L382B-TC AA-L383B-TC AA-L384B-TC AA-L385B-TC AA-L386B-TC AA-L387B-TC AA-L388B-TC AA-L389C-TC AA-N164A-TC	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
DIBS-11/ CTS-500	See SPD 13.31.1 AE-M078B-TC (Requires DIBOL-11 DECFORM V4.5) Base Operating System: DIBS-11 OEI User's Manual Update 1 DIBS-11 OEI Sys. Ref. Man. Update 1 DIBS-11 Inv. Management User's Manual Update 1 DIBS-11 Inv. Management System Reference Manual Update 1 DIBS-11 G/L User's Manual Update 1 DIBS-11 G/L System Ref. Man. Update 1 DIBS-11 G/L Interface Ref.Man Update 1 DIBS-11 Accounts Receivable User's Manual Update 1 DIBS-11 Accounts Receivable System Reference Manual Update 1 DIBS-11 Accounts Payable System Reference Manual Update 1 DIBS-11 Accounts Payable User's Manual Update 1 DIBS-11 Payroll User's Manual Update 1 DIBS-11 Payroll System Reference Manual Update 1 DIBS-11/CTS-500 Programmer's Guide DIBS-11/CTS-500 Site Manager's Guide	V1 11/81 RSTS/E V7.01 (CTS-500 V7.1) AA-J354A-TC AA-N280A-TC AA-J507A-TC AA-N281A-TC AA-J527A-TC AA-N282A-TC AA-J528A-TC AA-N283A-TC AA-K115A-TC AA-N277A-TC AA-K116A-TC AA-N278A-TC AA-K247A-TC AA-N279A-TC AA-K119A-TC AA-N284A-TC AA-K120A-TC AA-N285A-TC AA-K124A-TC AA-N276A-TC AA-K123A-TC AA-N275A-TC AA-K127A-TC AA-N273A-TC AA-K128A-TC AA-N274A-TC AA-L866A-TC AA-L867A-TC			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
DMS-500	QJ430 13.50.03 AE-3449D-TC Base Operating Systems: DMS-500 User's Guide Updates	V02 2/76 RSTS/E V6A D-11-ORDUA-A-D	V2 RSTS/E V6C,V7 CTS-500 V3,V4,V5 D-11-ORDUA-B-D D-11-ORDUA-B-DN1	V2 8/80 RSTS/E V7 CTS-500 V5,Level 2 D-11-ORDUA-B-D D-11-ORDUA-B-DN1, DN2	V2.1 6/82 RSTS/E V7.2,V8 AA-2649C-TC
DX/RSTS	QJ703 10.95.04 AE-5273E-TC (WPS-8 required) Base Operating Systems: DX/RSTS Installation Guide DX/RSTS Release Notes DX User's Guide DX Programmer's Reference Manual	V3 10/78 RSTS/E V6C,V7 AA-5262C-TC AA-H233A-TC AA-5476C-TC AA-5469C-TC	V3.1 4/80 RSTS/E V7.2,V8 Obsolete AA-H233B-TC AA-5476D-TC AA-5469C-TC		
FMS-11/RSTS	QJ716 13.17.04 AE-M194E-TC Base Operating System: FMS-11/RSTS Software Ref. Man FMS-11/RSTS Installation Guide and Release Notes FMS-11/RSTS Pocket Guide	V1.5 2/82 RSTS/E V7.1, V7.2, V8 (CTS-500) AA-L323A-TC AA-L324A-TC AV-L325A-TC			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
FORTRAN IV/ RSTS/E	QR435 12.41.12 AE-3436M-TC Base Operating Systems: RSTS/E FORTRAN IV Utilities Manual RT-11/RSTS/E FORTRAN IV User's Guide Update PDP-11 FORTRAN Language Reference Manual Addendum RSTS/E FORTRAN IV Installation Guide Update RSTS/E FORTRAN IV Installation Guide and Release Notes PDP-11 Programming Card FORTRAN IV/RT-11 V2.1 Notes	V2 1/78 RSTS/E V6C AA-2140B-TC D-11-LRRUB-A-D D-11-LFLRA-C-D D-11-LFLRA-C-DN1 AA-C762A-TC EH-S1046-78	V2.1 2/80 RSTS/E V7 AA-2140B-TC D-11-LRRUB-A-D D-11-LFLRA-C-D D-11-LFLRA-C-DN1 AA-C762B-TC AD-C762B-T1 EH-S1046-78 AA-H273A-TC	V2.51 6/80 RSTS/E V7 Removed AA-5749B-TC AA-1855D-TC Obsolete AA-C762C-TC Removed Obsolete	V2.6 3/83 RSTS/E V7.2,V8 AA-5749B-TC AD-5749B-T1 AA-R953A-TK AA-C762D-TC
FORTRAN-IV-PLUS	See RSTS/E FORTRAN-IV-PLUS				
GIGI Software	See SPD 30.10.3 AE-L308D-TK (Requires FORTRAN. See SPD.) Base Operating Systems: GIGI REGis Applications Library Manual Graphics Editor Manual Slide Projection System Manual GIGI/REGIS CAI Primary Student Guide Character Set Editor Manual GIGI/REGIS CAI Primary Adminis- tion manual, RSTS/E GIGI/E Package A Installation and Programming/Release Notes GIGI RSTS/E Package B Installa- tion and Release Notes GIGI Graphics Editor Primer GIGI DEC-RITE Manual GIGI DDP Manual GIGI Package C Installation and Release Notes	V1 2/82 VAX/VMS V3 RSTS/E V7 TOPS-20 V4 AA-J884A-TK AA-J942A-TK AA-J943A-TK AA-K329A-TE AA-K337A-TK AA-K347A-TC AA-L060A-TC AA-M160A-TC AA-M638A-TK AA-J944A-TK AA-J956A-TK AA-V544A-TE			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
<p>INDENT</p> <p>MENU-11/RSTS</p> <p>Micro/RSTS</p>	<p>QP530 12.33.05 AE-J846F-TC (See SPD for language requirements) Base Operating Systems:</p> <p>INDENT User's Guide Update 1 INDENT Installation Guide INDENT Operator's Guide INDENT Release Notes INDENT Release Notes and Installation Guide INDENT Reference Manual Introduction to INDENT</p> <p>QR690 12.60.02 AE-N866C-TC Base Operating System:</p> <p>MENU-11/RSTS Sys. Mgr's Gd. MENU-11 /RSTS Release Notes</p> <p>QY829</p> <p>Introduction to Micro//RSTS Micro/RSTS Installation Guide Micro/RSTS System Manager's Gd. RSTS/E System User's Guide RSTS/E DCL User's Guide RSTS/E Quick Reference Guide Introduction to the EDT Editor EDT Editor Manual EDT Quick Reference Guide BASIC-PLUS Language Manual PDP-11 SORT Reference Manual Update RSTS/E Task Builder Ref. Man. RSTS/E RT11 Utilities Manual RSTS/E Programmer's Utilities Manual Updates RSTS/E Programming Manual (Continued)</p>	<p>V1 5/80</p> <p>RSTS/E V7 CTS-500 V5</p> <p>AA-H812A-TC</p> <p>AA-H813A-TC AA-H814A-TC AA-J835A-TC</p> <p>V1 10/82</p> <p>RSTSE V7.2,V8</p> <p>AA-N098A-TC AA-N860A-TC</p> <p>V1 2/84</p> <p>AA-AF10A-TC AA-AF08A-TC AA-AF07A-TC AA-5133C-TC AA-L426B-TC AA-N996A-TC AA-K443A-TC AA-M476A-TK AA-M477A-TK AA-2623D-TC AA-3341C-TC AD-3341C-T1 AA-5072C-TC AA-M213A-TC AA-D749A-TC</p> <p>AD-D749A-T1,T2 AA-2726E-TC</p>	<p>V1.1 6/81</p> <p>RSTS/E V7 CTS-500 V5</p> <p>AA-H812A-TC AD-H812A-T1 AA-H813B-TC AA-H814B-TC AA-J835B-TC</p> <p>V2 12/83</p> <p>RSTS/E V8</p>	<p>V1.2 9/82</p> <p>RSTS/E V7.2, V8</p> <p>AA-H812B-TC Obsolete Obsolete AA-H814C-TC Obsolete AA-N068A-TC</p> <p>AA-N069A-TC AA-N071A-TC</p>	<p>V1.3 7/83</p> <p>RSTS/E V8</p> <p>AA-H812B-TC</p> <p>AA-H814C-TC</p> <p>AA-N068A-TC</p> <p>AA-N069A-TC AA-N071A-TC</p>

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
<p>PDP-11 ADF/ RSTS/E (Application Development Environment)</p> <p>PDP-11 BASIC- PLUS-2 for RSTS/E</p>	<p>RSTS/E System Directives Man. PDP-11 MACRO-11 Language Reference Manual IAS/RSX ODT Reference Manual RSTS/E RMS-11: An Introduction RSTS/E RMS-11 User's Guide RSTS/E RMS-11 Utilities RSTS/E RMS-11 MACRO Programmer's Guide</p> <p>QR530 13.11.04 AE-M853E-TC</p> <p>Base Operating Systems:</p> <p>ADE User's Guide ADE RSTS/E Installation Guide and Release Notes</p> <p>See SPD 14.54.08 AE-J054I-TC</p> <p>Base Operating Systems:</p> <p>Introduction to BASIC RSTS/E BASIC-PLUS-2 User's Gd. Updates 1 and 2 RSTS/E BASIC-PLUS-2 Installa- tion Guide Update 1 PDP-11 BASIC-PLUS-2 Language Reference Manual Updates 1 and 2 RSTS/E V1.6 BASIC-PLUS-2 Release Notes Update 1 PDP-11 BASIC-PLUS-2 V1.6 Programmer's Ref. Card BASIC for Beginners More BASIC for Beginners BASIC Reference Manual BASIC User's Guide BASIC on RSTS/E Systems Update BASIC Pocket Reference Guide</p>	<p>AA-D748C-TC AA-V027A-TC</p> <p>AA-M507A-TC AA-P508A-TC AA-P510A-TC AA-P509A-TC AA-P507A-TC</p> <p>V2 4/82</p> <p>RSTS/E V7.1 CTS-500 V7.1</p> <p>AA-M651A-TK AA-M687A-TC</p> <p>V1.6 11/79</p> <p>RSTS/E V7.1 CTS-500 V7.1</p> <p>AA-0155A-TK AA-H772A-TC AD-H772A-T1,T2 AA-H773A-TC</p> <p>AD-H773A-T1 AA-H774A-TC</p> <p>AD-H774A-T1,T2 AA-H823A-TC</p> <p>AD-H823A-T1 AV-K014A-TC</p>	<p>V2.1 12/82</p> <p>RSTS/E V7.1,V7.2 CTS-500 V7.1,V7.2</p> <p>AA-M651B-TK AA-M687B-TC</p> <p>V2 11/82</p> <p>RSTS/E VV7.2</p> <p>AA-0155B-TK</p> <p>AA-H773B-TC</p> <p>obsolete</p> <p>AA-L333A-TK AA-M587A-TK AA-L334A-TK AA-L335A-TK AA-L337A-TC</p> <p>AV-L341A-TK</p>	<p>V2.2 10/83</p> <p>RSTS/E V8 CTS-500 V7.2,V8</p> <p>AA-M651B-TK AA-M687C-TC</p> <p>V2.1 6/83</p> <p>RSTS/E V8</p> <p>AA-H773C-TC</p> <p>AA-L334A-TK AA-L335A-TK AA-L337A-TC AD-L337A-T1 AV-L341A-TK</p>	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
PDP-11 FORTRAN-77 DEBUG	See SPD 30.33.01 AE-Y398B-TK Base Operating Systems: PDP-11 F-77/DEBUG User's Guide FORTRAN-77/DEBUG Installation Guide and Release Notes	V1 8/83 RSTS/E V8 RSX-11M V4.1 RSX-11M-PLUS V 2.1 VAX/VMS V3.4,V3.5	AA-V197A-TK AA-X650A-TK		
PLXY-11/RSTS	QJS92 14.16.0 AE-K528A-TC (Requires FORTRAN IV. See SPD.) Base Operating System: PLXY-11 V1.1 User's Guide	V1.1 2/81 RSTS/E V7,V8	AA-J535A-TK		
PDP-11 RPGII	QP621 13.21.0 AE-V924A-TC (QP620 for RSX-11M and RSX-11M-PLUS systems) Base Operating System: RPG II Release Notes and Installation Guide RPG II Language Reference Man. RPG II User's Guide	V8.8 7/83 RSTS/E V8 RSX-11M V4.1 RSX-11M-PLUS V2.1 AA-U057A-TC	AA-5371B-TC AA-C8668-TC		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
RSTS/E DIBOL (formerly DIBOL-11/ DECFORM)	See SPD 14.8.04 AE-K272E-TC Base Operating Systems: CTS-500/DIBOL User's Guide Update 1 CTS-500 Release Notes CTS-500 DIBOL Language Reference Manual RSTS/E DIBOL User's Guide RSTS-E DIBOL Release Notes and Installation Guide DECFORM User's Guide Update Introduction to DIBOL DIBOL-83 Language Reference Man. DIBOL-83 Compatability Manual RSTS/E DIBOL Message Manual	V4C/4D 8/80 RSTS/E V7 CTS-500 V5 AA-5205B-TC AD-5205B-T1 AA-5504B-TC AA-5792D-TC AD-5792D-T1	V4.5 5/81 RSTS/E V71, V7.2, V8 (CTS-500) AA-5205C-TC Obsolete AA-5504C-TC AA-L010A-TC AA-5792E-TC Obsolete	V5 7/83 RSTS/E V8 Obsolete Obsolete AA-5205D-TC AA-5504D-TC AA-5792E-TC AA-U066A-TK AA-V810A-TC AA-V879A-TC	
RSTS/E (CTS-500) 3271 Protocol Emulator	QRD05 10.83.04 AE-H475E-TC Base Operating Systems: RSTS/E/3271 PE User's Guide RSTS/E/3271 PE Release Notes	V1 RSTS/C V6C CTS-500 V4 AA-D365A-TC AA-H474A-TC	V2 10/80 RSTS/E V7 CTS-500 V5 AA-D365B-TC AA-H474B-TC	V2.1 3/82 RSTS/E V7.2, V8 (CTS-500 V7.2) AA-D365B-TC AA-H474C-TC	
RSTS/E (CTS-500) High Perform- ance 2780/3780 Emulator	See SPD 10.49.03 AE-J203D-TC Base Operating Systems: RSTS/E 2780/3780 User's Manual RSTS/E 2780/3780 Release Notes	V1 12/79 RSTS/E V7 CTS-500 V5 AA-J177A-TC AA-J458A-TC	V1.1 3/82 RSTS-E V7.2, V8 (CTS-500 V7.2) AA-J177A-TC AA-J458B-TC		
RSTS/E-2780 (CTS-500/ 2780)	QPD10 10.50.06 AE-3390G-TC Base Operating Systems: 2780 RCS User's Guide 2780 RCS Installation Notes	V05B-18 3/75 RSTS/E V5C-01 RSTS/E V6A-02 D-11-ORJEA-A-D D-11-CCDNA-A-D	V3 12/77 RSTS/E V6B, V6C RSTS/E V7 AA-2675B-TC AA-1151A-TC	V3 12/81 RSTS/E V7.2, V8 (CTS-500 V7.2)	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSTS/E			
RSTS Smart Mailer SORT-11 SPM-RSTS/E (Software Performance Monitor)	QRA01 13.23.01 AE-W586B-TC Base Operating System: See SPD 12.7.5 AE-5429F-TC Base Operating Systems PDP-11 SORT Reference Manual Update See SPD S0.15.1 AE-N211B-TC Base Operating System:	V1 6/83 RSTS/E V8 V02 5/77 RSTS/E V6C CTS-500 V4 L3A, 3B IAS V3 RSX-11M V3.1 thru V4.1 RSX-11M-PLUS V1, V2, V2.1 AA-3341C-TC AD-3341C-T1 V1 8/82 RSTS/E V7.1, V7.2, V8	 (BUNDLED IN RSTS/E V7 and later)		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
RSX-11M	See SPD 14.35.21 AE-3407V-TC SPD Addendum AE-BB27A-TK RSX-11M/RSX-11S Release Notes RSX-11M/S Information Directory and Index Introduction to RSX-11M Introduction to RSX-11M and RSX-11M-PLUS RSX-11M/S Documentation Directory RSX-11M Guide to Writing an I/O Driver Update RSX-11M Mini-Index RSX-11M V3.1 Master Index RSX-11M V3.2 Master Index RSX-11M Beginner's Guide RSX-11M Task Builder Ref. Man. Update RSX-11M/M-PLUS Task Builder Manual Update RSX-11M I/O Drivers Ref. Man. RSX-11M/M-PLUS I/O Drivers Reference Manual Update RSX-11M System Generation Manual RSX-11M System Generation and Installation Guide RSX-11M Operator's Procedures Test System (Not a customer document, internal to DEC only.) RSX-11M Executive Ref. Man. RSX-11M/M-PLUS Executive Reference Manual IAS/RSX-11 I/O Operations Reference Manual IAS/RSX-11 ODT Ref. Man. RSX-11M Error Logging Ref. Man. RSX-11M/M-PLUS Error Logging Reference Manual IAS/RSX MACRO-11 Ref. Man. RSX-11 Utilities Procedures Update RSX-11 Utilities Manual (Continued)	V3.1 2/78 AA-2573E-TC AA-2555C-TC AA-2593D-TC AA-2600D-TC AA-5430B-TC D-11-OMBGA-A-D AA-2588D-TC AA-2588D-T1 AA-2539D-TC AA-2552E-TC AA-2567D-TC D-11-OMSTA-C-D AA-2544D-TC AA-2515C-TC D-11-OIODA-B-D AA-2542C-TC D-11-OIMRA-B-D AA-5567B-TC AA-5567B-T1	V3.2 8/79 AA-2573F-TC AA-2555D-TC AA-2593E-TC AA-2600D-TC AD-2600D-T1 AA-H262A-TC Superseded AA-5430C-TC AA-5245B-TC Superseded AA-H266A-TC Superseded AA-H269A-TC Superseded AA-H625A-TC D-11-OIODA-B-D Superseded AA-H270A-TC D-11-OIMRA-B-D	V4 3/82 AA-2573G-TC AA-2593F-TC Superseded AA-L763A-TC AA-2600E-TC obsolete obsolete obsolete obsolete AA-L680A-TC AD-L680A-T1 AA-L677A-TC Superseded AA-H625B-TC AA-L675A-TC AA-M176A-TC AA-M507A-TC AA-L674A-TC	V4.1 6/83 AA-2573H-TC AA-2593G-TC AA-L763A-TC AA-2600E-TC AA-L680B-TC AA-L677A-TC AD-L677A-T1 AA-H625C-TC AA-L675A-TC AA-M176A-TC AA-M507A-TC AA-L674B-TC

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
	RSX-11M User Mode Diagnostics Reference Manual RSX-11M/M-PLUS User Mode Diagnostics Reference Manual IAS/RSX-11 Disk Save and Compress User's Guide RSX-11M Pocket Reference Card PDP-11 Preservation Utility User's Guide IAS/RSX-11M, RMS-11 MACRO Programmer's Reference Manual Introduction to RMS-11 RMS-11 User's Guide RMS-11 Installation Guide RMS-11 MACRO-11 Ref. Man. RSX-11M Crash Dump Analyzer Reference Manual RSX-11M/M-PLUS Crash Dump Analyser Reference Manual IAS/RSX-11 System Library Routines Reference Manual Updates Beginner's Guide to DEC Editor DEC Editor Reference Manual RMS-11K Installation Guide (Available under separate license.) PDP-11 Programming Card RSX-11M V3.1 Errata Sheet RSX-11M V4 BRU Errata Sheet RSX-11M/M-PLUS MCR Operations Manual Update RSX-11M/M-PLUS Guide to Program Development RSX-11M Mini Reference EDT Editor Manual EDT Editor Reference Card EDT Quick Reference Manual RSX-11M/M-PLUS Batch and Que Operations Management RSX-11M/M-PLUS Command Language Manual RSX-11M/M-PLUS System Management Guide Update (Continued)	D-11-OMUMA-A-D AA-5569B-TC AV-5570B-TC D-11-UPRMA-B-D AA-0002A-TC AA-0001A-TC AA-5581A-TC AA-5580A-TC AA-D374A-TC AA-5789A-TC AA-5296B-TC EH-S1046-78 AV-H103B-TC 	Superseded AA-H271A-TC Superseded AA-D538A-TC AA-H235A-TC AA-H683A-TC Superseded AA-H272A-TC AA-5580A-TC AD-5580A-T1 AA-D374A-TC AA-5789A-TC AA-5296B-TC EH-S1046-78 AA-H263A-TC AA-H264A-TC AV-5570C-TC 	obsolete AA-D538A-TC AA-H235A-TC AA-H683A-TC AA-L673A-TC AA-5580A-TC AD-5580A-T1, T2 EH-S1046-78 AV-M823A-TC AA-L678A-TC AA-L676A-TC AV-5570D-TC AA-J726A-TC AV-J756A-TC AA-L671A-TC AA-L672A-TC AA-L679B-TC 	AA-L669A-TC AA-L673B-TC AA-5580B-TC Obsolete EH-S1046-78 AA-L678A-TC AD-L678A-T1 AA-L676A-TC AV-5570E-TC AA-M476A-TK AV-J756A-TC AA-M477A-TK AA-L671A-TC AA-L672B-TC AA-L679B-TC AD-L679B-T1

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
RSX-11M-PLUS	RSX-11M/M-PLUS Utilities Man. Update PDP-11 MACRO-11 Language Man. Update 1 RMS-11 Programmer's Manual RMS-11 Utilities RMS: An Introduction RSX-11M V4.1 Update A Info RSX-11M V4.1 Update B Info See SPD 14.70.09 AE-H862J-TC IAS/RSX-11 System Library Routines Reference Manual Updates RMS-11 V1.8 Installation Guide RSX-11M-PLUS Guide to Writing an I/O Driver RSX-11M-PLUS Information Directory and Index RSX-11M-PLUS Release Notes RSX-11M-PLUS System Generation and Installation Guide EDT Editor Manual RMS-11 Programmer's Manual RMS-11 User's Guide RMS-11 Utilities RSX-11M/M+ Batch and Queue Operator's Manual RSX-11M/M+ Command Language Manual RSX-11M/M+ Crash Dump Analyzer Reference Manual Update 1 RSX-11M/M+ Error Logging Reference Manual RSX-11M/M-PLUS Executive Reference Manual RSX-11M/M-PLUS Guide to Program Development RSX-11M/M+ I/O Drivers Ref. Man. Update (Continued)	V1 12/79 AA-5580A-TC AD-5580A-T1 AA-H235A-TC AA-H267A-TC AA-H426A-TC AA-H427A-TC AA-H431A-TC AA-J726A-TC AA-D538A-TC AA-H434A-TC AA-H433A-TC AA-H272A-TC AA-H270A-TC AA-H265A-TC AA-H264A-TC AA-H269A-TC	V2 6/82 AA-5580A-TC AD-5580A-T1,T2 AA-H235A-TC AA-H267B-TC AA-H426B-TC AA-H427B-TC AA-H431B-TC AA-J726A-TC AA-D538A-TC AA-L671A-TC AA-L672A-TC AA-L673A-TC AD-L673A-T1 AA-L674A-TC AA-L675A-TC AA-L676A-TC AA-L677A-TC	AA-L681A-TC AA-5075B-TC AD-5075B-T1 V2.1 7/83 AA-5580B-TC Obsolete AA-H267C-TC AA-H426C-TC AA-H427C-TC AA-H431C-TC AA-J726A-TC AA-L668A-TC AA-L669A-TC AA-L670A-TC AA-L671A-TC AA-L672B-TC AA-L673B-TC Obsolete AA-L674B-TC AA-L675A-TC AA-L676A-TC AA-L677A-TC AD-677A-T1	AA-L681A-TC AD-L681A-T1 AA-V027A-TC Obsolete AA-L668A-TC AA-L670A-TC AA-L682A-TC AA-W259A-TC AA-W259B-TC

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
	RSX-11M/M-PLUS MCR Operations Manual Update RSX-11M/M+ System Management Guide Update RSX-11M/M-PLUS Task Builder Manual Update 1 RSX-11/M+ Utilities Manual Update RMS-11: An Introduction Introduction to RSX-11M and RSX-11M-PLUS IAS/RSX-11 I/O Operations Reference Manual IAS/RSX-11 ODT Ref. Man. RSX-11M-PLUS V2.1 Update A Information PDP-11 MACRO-11 Language Reference Manual Update Introduction to RSX-11M-PLUS RSX-11M-PLUS Mini-Index RSX-11M-PLUS Master Index RSX-11M-PLUS Operating System Manual RMS-11 MACRO-11 Ref. Man. RSX-11M/M+ User Mode Diagnostics RSX-11M-PLUS Mini-Reference PDP-11 Programming Card EDT Editor Reference Card RSX-11M-PLUS V1 Autopatch Notes	AA-H263A-TC AA-H266A-TC AA-H268A-TC AA-2515D-TC AA-H428A-TC AA-H429A-TC AA-H430A-TC AA-H432A-TC AA-H683A-TC AA-H271A-TC AV-H435A-TC EH-S1046-78 AA-L267C-TC	AA-L678A-TC AA-L679B-TC AA-L680A-TC AD-L680A-T1 AA-L681A-TC AA-L763A-TC AA-M176A-TC AA-M507A-TC AA-5075B-TC AD-5075B-T1 obsolete obsolete obsolete obsolete AA-H683A-TC obsolete AV-H435B-TC EH-S1046-78 AV-J756A-TC Obsolete	AA-L678A-TC AD-L678A-T1 AA-L679B-TC AD-L679B-T1 AA-L680B-TC Obsolete AA-L681A-TC AD-L681A-T1 AA-L682A-TC AA-L763A-TC AA-M176A-TC AA-M507A-TC AA-M822C-TC AA-V027A-TC Obsolete AV-H435C-TC EH-S1046-78 AV-J756A-TC	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
RSX-11S	QJ642 9.21.14 AE-34270-TC SPD Addendum AE-BB27A-TK Base Operating Systems: RSX-11M/RSX-11S Release Notes RSX-11M/RSX-11S Doc. Directory RSX-11M/RSX-11S Information Directory and Index RSX-11M Guide to Writing an I/O Driver Update RSX-11S System Generation and Installation Guide Update RSX-11M Executive Reference Man. IAS/RSX System Library Routines Reference Manual Updates RSX-11M System Generation and Installation Guide RSX-11M/M-PLUS Crash Dump Ref.Man. RSX-11M/M-PLUS Crash Dump Analysis Manual RSX-11M/M-PLUS Exec. Ref. Man. RSX-11M/M-PLUS Guide to RSX-11M/M-PLUS I/O Driver Ref. Update RSX-11M/M-PLUS MCR Operator's Manual Update RSX-11M/M-PLUS System Management Guide Update RSX-11M/M-PLUS Task Builder Ref. Update IAS/RSX-11 I/O Operations Ref. RSX-11M I/O Driver Reference RSX-11M Operator's Procedures IAS/RSX-11 ODT Reference Man. RSX-11M Mini Reference (Continued)	V2.1 2/78 RSX-11M V3.1 RSX-11D V6.2 IAS V3 VAX/VMS V1 AA-2573E-TC AA-2600D-TC AA-2874C-TC AA-2544D-TC AA-2515C-TC AA-2539D-TC AA-2567D-TC D-11-OIODA-B-D AV-5570B-TC	V2.2 8/79 RSX-11M V3.2 RSX-11M-PLUS V.1 IAS V3,V3.1 VAX/VMS V2, AA-2573F-TC AA-2593E-TC AA-2600D-TC AD-2600D-T1 AA-2874D-TC AD-2874D-T1 Superseded AA-5580A-TC AD-5580A-T1 AA-H625A-TC AA-H272A-TC AA-H265A-TC AA-H264A-TC AA-H269A-TC AA-H263A-TC AA-H266A-TC AA-2515D-TC Superseded D-11-OIODA-B-D AV-5570C-TC	V4 3/82 RSX-11M V4 RSX-11M-PLUS V2 VAX/VMS V3, V3.2, V3.2 V2.1, V2.2 AA-2573G-TC AA-2593F-TC AA-2600E-TC obsolete AA-2874E-TC AD-2874E-T1 AA-5580A-TC AD-5580A-T1, T2 AA-H625B-TC AA-L673A-TC AA-L675A-TC AA-L676A-TC AA-L677A-TC AA-L678A-TC AA-L679B-TC AA-L680A-TC AD-L680A-T1 AA-M176A-TC	V4.1 6/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3 thru V3.5 AA-2573H-TC AA-2593G-TC AA-2600E-TC AA-2874E-TC AD-2874E-T1 AA-5580B-TC Obsolete AA-H625C-TC AA-L673B-TC AA-L675A-TC AA-L676A-TC AA-L677A-TC AD-L677A-T1 AA-L678A-TC AD-L678A-T1 AA-L679B-TC AD-L679B-T1 AA-L680B-TC Obsolete AA-M176A-TC AA-M507A-TC AV-5570E-TC

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
<p>BCP CODE 39 Barcode and Label Genera- tion Software</p> <p>CMR21 Host Utility</p> <p>CMR-11/CMV11 Software Driver</p>	<p>PDP-11 MACRO-11 Language Manual Update RSX-11M System Generation Man. RSX-11M Task Builder Reference Update PDP-11 Programming Card RSX-11M V3.1 Master Index Introduction to RSX-11M RSX-11M Beginner's Guide RSX-11M Mini-Index Program Development RSX-11M Utilities Manual IAS/RSX-11 MACRO-11 Ref. Man. RSX/11M/S V4.1 Update B Info</p> <p>QJS05 14.72.0 AE-N202A-TC</p> <p>Base Operating System:</p> <p>BCP User's Guide and Installation Guide BCP Release Notes</p> <p>CMR21 30.39.00 AE-Z849A-TK</p> <p>Base Operating Systems:</p> <p>QJS28 14.76.01 AE-N059B-TC</p> <p>Base Operating Systems:</p> <p>CMR11/CMV11 Software Driver User's Manual CMR11/CMV11 Software Driver Reference Manual</p>	<p>AA-2552E-TC AA-2588D-TC AA-2588D-T1 EH-S1046-78 AA-5430B-TC</p> <p>V1 6/82</p> <p>RSX-11M V4</p> <p>AA-N269B-TC AV-N270B-TC</p> <p>V1 10/83</p> <p>RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3.4</p> <p>V1 6/82</p> <p>RSX-11S V4 RSX-11M V4</p> <p>AA-N060A-TC AA-N061A-TC</p>	<p>Superseded</p> <p>EH-S1046-78</p> <p>AA-2555D-TC AA-5245B-TC AA-H262A-TC</p> <p>AA-H268A-TC D-11-OIMRA-B-D</p> <p>V3 10/83</p> <p>RSX-11S V4.1 RSX-11M V4.1 RSX-11M-PLUS V2.1</p>	<p>AA-5075B-TC AD-5075B-T1</p> <p>EH-S1046-78</p> <p>obsolete obsolete</p>	<p>AA-V027A-TC Obsolete</p> <p>EH-S1046-78</p> <p>AA-W259B-TC</p>

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
COBOL-81/RSX	See SPD 14.26.04 AE-P077E-TC Base Operating Systems: COBOL-81 Language Reference Man. Updates RSX-11M/M-PLUS User's Guide RSX-11M/M-PLUS Installation Guide and Release Notes PDP-11 COBOL to COBOL-81 Transfer Utility COBOL-81 Pocket Guide	V1.2 10/82 RSX-11M V4 RSX-11M-PLUS V2 AA-J434A-TC AD-J434A-T1,T2 AA-M179A-TC AA-M181B-TC AV-H630B-TC	V2 6/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 AA-J434B-TC Obsolete AA-M179B-TC AA-M181C-TC AA-N339A-TC AV-H630C-TC		
COMM IOP-DUP	QJ734 10.12.04 AE-D121E-TC Base Operating Systems: COMM IOP-DUP Programming Manual COMM IOP-DUP Release Notes Update 1	V1 3/80 RSX-11M V4,V4.1 AA-5670A-TC AA-D367A-TC AD-D367A-T1			
COMM IOP-DZ (Asynchronous Line DMA Controller)	QJ733 10.11.04 AE-D122E-TC Base Operating Systems: COMM IOP-DZ Programming Manual COMM IOP-DZ Release Notes Update 1	V1 3/80 RSX-11M V4,V4.1 AA-5127A-TC AA-D368A-TC AD-D368A-T1			
CORAL-66 see PDP-11 CORAL-66					

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
<p>DATATRIEVE-11</p> <p>DBMS-11 Data Base Management System</p>	<p>See SPD 12.48.11 AE-C777L-TC</p> <p>Base Operating Systems:</p> <p>User's Guide to DATATRIEVE-11 DATATRIEVE-11 Release Notes DATATRIEVE V2.4 Release Notes DATATRIEVE-11 V1.1 Installation Guide DATATRIEVE-11 V2.4 Installation Guide DATATRIEVE Primer</p> <p>See SPD 12.66.03 AE-M130D-TC</p> <p>Base Operating Systems:</p> <p>DBMS Data Definition Language Reference Manual DBMS-11 DBA Guide DBMS-11 FORTRAN Data Manipulation Language Reference Man. DBMS-11 COBOL Data Manipulation Language Reference Manual DBMS-11 Installation Guide DBMS-11 V2 Release Notes Using DATATRIEVE/DBMS-11 Interface</p>	<p>V1.1 10/78</p> <p>RSX-11M V3.2 IAS V2, V3 RSTS/E V6C, V7 RSX-11M-PLUS V</p> <p>AA-C742A-TC AA-D110B-TC</p> <p>AA-H169A-TC</p> <p>V2 11/81</p> <p>RSX-11M V3.2, V4 RSX-11M-PLUS V1, V2 IAS V3.1</p> <p>AA-H804B-TC AA-H805B-TC AA-K883B-TC AA-K884B-TC AA-K885B-TC AA-K886B-TC AA-K887B-TC</p>	<p>V2 5/80</p> <p>RSX-11M V3.2 RSX-11M-PLUS V1 RSTS/E V7 IAS V3.1</p> <p>AA-C742B-TC AA-D110C-TC</p> <p>AA-H169B-TC</p> <p>AA-J106A-TC</p> <p>V2.1 11/82</p> <p>RSX-11M V4, V4.1 RSX-11M-PLUS V2, V2.1 IAS V3.1</p> <p>AA-H804B-TC AA-H805B-TC AA-K883B-TC AA-K884B-TC AA-K885B-TC AA-K886B-TC AA-K887B-TC</p>	<p>V2.4 11/81</p> <p>RSX-11M V3.2, V4 RSX-11M-PLUS V1, V2 RSTS/E V7, V7.2, V8 IAS V3.1</p> <p>AA-C742B-TC</p> <p>AA-D110D-TC</p> <p>AA-H169C-TC</p> <p>AA-J106A-TC</p>	<p>V3 10/83</p> <p>RSX-11M V4.1 RSX-11M-PLUS V2.1 RSTS/E V8</p>

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
DECdataway Intelligent Subsystem Software	See SPD 15.18.2 AE-H517C-TC (Not available as separate product.) Base Operating Systems: DPM50 User's Guide I/O Subsystem User's Guide IP-11/IP-300/DPM50 Applications Programmer's Manual DPM Programmer's Reference Manual DPM Terminals Application Reference Manual	V1 1/79 RSX-11S V2.1 EK-P10S-UG-002 AA-C877B-TC AA-C878D-TC AA-C878B-TC	V2 5/80 RSX-11S V2.2 DPM V4 DPM-PLUS V1 VAX-11 DY32 V1	V2.1 8/82 DPM V4.1 DPM-PLUS V1.1 VAX-11 DY32	
DECNET-11M	QJ764 10.75.10 AE-3431K-TC QJ765 Base Operating Systems: RSX/IAS DECnet User's Guide RSX/IAS DECnet System Manager's Guide RSX/IAS DECnet Networks Generation Manual RSX/IAS DECnet Release Notes Update DECnet-RSX Guide to User Utilities Update 1 DECnet-RSX System Manager's Guide Update 1 DECnet-RSX Netgen Installation Guide Update 1 Introduction to DECnet DECnet-RSX P/I C/O Procedures DECnet-RSX Release Notes Overview of DECnet-RSX RSX DECnet Reference Guide DECnet-RSX Programmer's Ref Man	V2 2/78 RSX-11M V3.1 AA-5182A-TC AA-5183A-TC AA-D355A-TC AA-D393A-TC AD-D393A-T1	V3 2/80 RSX-11M V3.2,V4 AA-H223A-TC AD-H223A-T1 AA-H224A-TC AD-H224A-T1 AA-H225A-TC AD-H225A-T1 AA-J055B-TK AA-J319A-TK AA-J517A-TC	V3.1 6/82 RSX-11M V4 AA-H223B-TC Obsolete AA-H224B-TC Obsolete AA-H225B-TC Obsolete AA-J055C-TK AA-J319B-TK AA-J517B-TC AA-M096A-TC AA-M097A-TC AA-M098A-TC	V4 12/83 RSX-11M V4.1 Obsolete Obsolete Obsolete AA-H223C-TC AA-H224C-TC AA-H225C-TC AA-J055D-TK AA-J319C-TK AA-J517C-TC AA-M096B-TC Obsolete AA-M098B-TC

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
DECNET-11M-PLUS	QR580 10.66.03 AE-J513D-TC Base Operating Systems: RSX DECnet User's Guide Update RSX DECnet System Manager's Guide Update 1 RSX DECnet Networks Generation Manual Update 1 Introduction to DECnet DECnet-RSX P/I C/O Procedures DECnet-RSX Release Notes Overview of DECnet-RSX RSX DECnet Reference Guide DECnet-RSX Programmer's Ref Man	V1 2/80 RSX-11M-PLUS V1 AA-H223A-TC AD-H223A-T1 AA-H224A-TC AD-H224A-T1 AA-H225A-TC AD-H225A-T1 AA-J055B-TK AA-J319A-TK AA-J517A-TC	V1.1 9/82 RSX-11M-PLUS V2 AA-H223B-TC obsolete AA-H224B-TC obsolete AA-H225B-TC obsolete AA-J055C-TK AA-J319B-TK AA-J517B-TC AA-M096A-TC AA-M097A-TC AA-M098A-TC	V2 12/83 RSX-11M-PLUS V2.1 Obsolete Obsolete Obsolete Obsolete Obsolete Obsolete AA-J055D-TK AA-J319C-TK AA-J517C-TC AA-M096B-TC Obsolete AA-M098B-TC	
DECNET-11S	QJ694 10.74.10 AE-3432K-TC Base Operating Systems: RSX/IAS DECnet User's Guide RSX/IAS DECnet Sys. Mgr's Gd. RSX/IAS DECnet Networks Generation Manual RSX/IAS DECnet Release Notes Update DECnet-RSX Guide To User Utilities Update 1 DECnet-RSX Sys. Mgr's Guide Update DECnet-RSX Netgen Installation Guide Update 1 Introduction to DECnet DECnet-RSX P/I C/O Procedures DECnet-RSX Release Notes Overview of DECnet-RSX RSX DECnet Reference Guide RSX DECnet Programmer's Ref Man	V2 2/78 RSX-11S V2.1 AA-5182A-TC AA-5183A-TC AA-D355A-TC AA-D393A-TC AD-D393A-T1	V3 2/80 RSX-11S V2.2 AA-H223A-TC AD-H223A-T1 AA-H224A-TC AD-H224A-T1 AA-H225A-TC AD-J225A-T1 AA-J055B-TK AA-J319A-TK AA-J517A-TC	V3.1 6/82 RSX-11S V4 AA-H223B-TC Obsolete AA-H224B-TC Obsolete AA-H225B-TC Obsolete AA-J055C-TK AA-J319B-TK AA-J517B-TC AA-M096A-TC AA-M097A-TC AA-M098A-TC	V4 12/83 RSX-11S V4 Obsolete Obsolete Obsolete Obsolete Obsolete AA-H223C-TE AA-224C-TC AA-H225C-TC AA-J055D-TK AA-J319C-TK AA-J517C-TC AA-M096B-TC Obsolete

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
DECType RSX	QR038 14.82.00 AE-BG31A-TC Base Operating System: Installing and Managing DECType DSECType Reference Manual Using DECType DECType Quick Reference Guide	V3 1/84 RSX-11M-PLUS V2.1 AA-Z960A-TC AA-R124A-TK AA-R125A-TK AV-R128A-TK			
DPM (Distributed Plant Management)	See SPD 15.06.07 AE-5730H-TC Base Operating Systems: DPM Terminal Applications Programs Manual DPM Programmer's Reference Man. Update DPM and DPM-PLUS Subsystem User's Guide Update DPM and DPM-PLUS Terminal User's Guide Update DPM and DPM-PLUS System Genera- tion and Management Guide DPM V4 Release Notes DPM/DPM-PLUS Release Notes DPM/DPM-PLUS Reference Guide	V2 8/78 RSX-11M V3.1 AA-C878B-TC	V3 3/79 RSX-11M V3.1 AA-C878D-TC AD-C878D-T1	V4 1/80 RSX-11M V3.2 AA-J529B-TC AA-J530B-TC AA-J531B-TC AA-J906B-TC	V4.1 8/82 RSX-11M V4,V4.1 AA-J529B-TC AD-J529B-T1 AA-J530B-TC AD-J530B-T1 AA-J531C-TC AA-N150A-TC AV-M195A-TC
DPM/PLUS	QJ652 15.11.04 AE-J345E-TC Base Operating System: DPM and DPM-PLUS Subsystem User's Guide Update DPM and DPM-PLUS Terminal User's Guide Update DPM and DPM-PLUS System Genera- tion and Management Guide DPM-PLUS Release Notes DPM/DPM-PLUS Release Notes DPM/DPM-PLUS Reference Guide	V1 10/80 RSX-11M-PLUS V1 AA-J529B-TC AA-J530B-TC AA-J531B-TC AA-K160A-TC	V1.1 8/82 RSX-11M-PLUS V2,V2.1 AA-J529B-TC AD-J529B-T1 AA-J530B-TC AD-J530B-T1 AA-J531C-TC AA-N150A-TC AV-M195A-TC		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
DT07-11M	QJS26 14.36.1 AE-K534B-TC Base Operating System: DT07-11M V1.1 User's Guide	V1.1 2/81 RSX-11M V3.2, V4,V4.1 AA-K568A-TC			
DX/11M	QJ704 10.96.05 AE-5274F-TC (Requires WPS-8, See SPD) Base Operating Systems: DX-11M Installation Guide DX/11M Release Notes DX User's Guide DX Programmer's Ref. Man.	V3 10/78 RSX-11M V3.1 AA-D997A-TC AA-H288A-TC AA-5476D-TC AA-5469C-TC	V3.1 4/80 RSX-11M V4,V4.1 WPS-8 (See SPD)	AA-D997A-TC AA-H288B-TC AA-5476D-TC AA-5469C-TC	
FMS-11/RSX	QJ715 12.27.07 AE-J405H-TC Base Operating Systems: FMS-11/RSX-11M Software Ref Man FMS-11/RSX-11M Release Notes FMS-11/RSX-11 Mini Reference PDP-11 Keypad Editor User's Guide PDP-11 Keypad Editor Release Notes PDP-11 Keypad Editor Ref. Card Notes on FMS-11 V1 and V1.1	V1 2/80 RSX-11M V3.2, V4,V4.1 RSX-11M-PLUS V1, V2,V2.1 RSX-11S V4,V4.1 AA-H855A-TC AA-H857A-TC AV-H856A-TC AA-H853A-TC AA-J692A-TC AV-H854A-TC AV-L711A-TK			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
<p>FORTRAN-IV/ RSX</p> <p>FORTRAN IV- PLUS/RSX</p> <p>IEC11-M Device Driver</p> <p>IEX-RSX-Driver</p> <p>KMC11 TOOLS</p>	<p>QP230 14.63.10 AE-3443K-TC</p> <p>Base Operating Systems:</p> <p>IAS/RSX FORTRAN IV Installation Guide IAS/RSX-11 FORTRAN IV User's Guide PDP-11 FORTRAN Language Ref Man Addendum PDP-11 Programming card PDP-11 FORTRAN Language Ref Man RSX/VMS FORTRAN-IV Installa- tion Guide and Release Notes RSX/VAX/VMS FORTRAN-IV User's Guide</p> <p>See PDP-11 FORTRAN-77/RSX</p> <p>QJS02 14.64.0 AE-N029A-TC</p> <p>Base Operating Systems:</p> <p>IEC11 RSX Software Manual IEC11-M Release Notes</p> <p>QJS37 12.68.0 AE-X682A-TC</p> <p>Base Operating Systems:</p> <p>QJ633 12.49.04 AE-C776E-TC</p> <p>Base Operating Systems:</p> <p>KMC11 Programmer's Manual</p>	<p>V2 4/78</p> <p>RSX-11M V3.1 RSX-11D V6.2 IAS V2</p> <p>AA-1821C-TC AA-1936D-TC</p> <p>D-11-LFLRA-C-D D-11-LFLRA-C-DN1 EH-S1046-78</p> <p>V3 6/82</p> <p>RSX-11MV4,V4.1 RSX-11M-PLUSV2,V2.1</p> <p>AA-M275A-TC AV-V507A-TC</p> <p>V1 8/83</p> <p>RSX-11M V4.1 RSX-11M-PLUS V2.1</p> <p>V1 3/80</p> <p>RSX-11M V4,V4.1</p> <p>AA-5244B-TC</p>	<p>V2.2 5/79</p> <p>RSX-11M V3.2 RSX-11M-PLUS V1 IAS V3</p> <p>AA-1821D-TC AA-1936E-TC AA-1855D-TC EH-S1046-78</p>	<p>V2.5 6/80</p> <p>RSX-11M V3.2,V4 RSX-11M-PLUS V1,V2 IAS V3,V3.1</p>	<p>V2.6 3/83</p> <p>RSX-11 V4,V4.1 RSX-11M-PLUS V2,V2.1</p> <p>AA-R953A-TK AA-R954A-TK AA-R955A-TK</p>

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
KMV11-A HDLC Framing Software	See SPD 14.22.0 AE-R298A-TC Base Operating Systems:	V1 1/83 RSX-11M V4,V4.1 RSX-11M-PLUS V2,V2.1 RSX-11S V4,V4.1			
LSP-11 (Laboratory Subroutine Package)	See SPD 15.44.6 AE-D607G-TC (FORTRAN required. See SPD.) Base Operating Systems: Laboratory Subroutines Programmer's Ref. Manual Update	V1 3/78 RSX-11M V3.1 AA-C984A-TC	V1.1 6/80 RSX-11M V3.2 RT-11 V4 AA-C984B-TC	V1.2 8/81 RSX-11M V4,V4.1 RT-11 V4,V5 AA-C984C-TC AD-C984C-T1	
Micro/RSX	14.28	V1 1/84			
Micro/RSX COBOL-81	18.03 Base Operating System:	V2.2 1/84 Micro/RSX V1			
Micro/RSX DEctype	QY038 18.14.00 AE-BG30A-TC Base Operating System: Installing and Managing DEctype DEctype Reference Manual Using DEctype DEctype Quick Reference Guide	V3 1/84 Micro/RSX V1 AA-Z960A-TC AA-R124A-TK AA-R125A-TK AV-R128A-TK			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
Micro/RSX DIBOL	18.05.00 Base Operating System: Micro/RSX DIBOL Installation Guide M+/Micro RSX DIBOL User's Guide M+/Micro RSX DIBOL Release Notes and Installation Guide M+/Micro RSX DIBOL Message Man. Introduction to DIBOL DIBOL-83 Language Reference Man. Update DIBOL-83 Language Reference Card DIBOL-83 Compatibility Guide	V1 1/84 Micro/RSX V1 AA-Z885A-TC AA-Z886A-TC AA-Z887A-TC AA-P042A-TK AA-U066A-TK AD-U066A-T1 AV-U067A-TK AA-V810B-TK			
Micro/RSX FORTRAN-77	18.04.00 Base Operating System:	V5 1/84 Micro/RSX V1			
Micro/RSX FORTRAN-77 DEBUG	14.79.00 Base Operating System:	V1 1/84 Micro/RSX V1			
Micro/RSX PASCAL	18.07.00 Base Operating System:	V1 1/84 Micro/RSX V1			
MUX200/ RSX	See SPD 10.77.08 AE-3453I-TC Base Operating Systems: MUX200/RSX-IAS User's Guide MUX200/RSX-IAS System Manager's Guide MUX200/RSX Software Support Man. MUX200/RSX-IAS Release Notes MUX200/RSX-IAS V2 Support Generation	V01 8/76 RSX-11M V02 RSX-11D V6B D-11-CXUGA-A-D D-11-CXSMA-A-D D-11-CXSSA-A-D D-11-CXRNA-A-D	V2 8/77 RSX-11M V3.2,V4 IAS V3.1 D-11-CXUGA-B-D D-11-CXSMA-B-D D-11-CXSSA-B-D D-11-CXRNA-B-D AA-L307A-TC	2.1 6/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 IAS V3.1 AA-1346C-TC AA-1344C-TC AA-1343C-TC	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
OBSERVER	QSP40 13.18.02 AE-P335C-TC (Requires DECnet) Base Operating Systems: Observer Networks Generation and Installation Guide Observer User's Guide Observer Release Notes Observer Reference Card Observer Event Message Ref Man	V1 11/82 RSX-11M V4,V4.1 RSX-11M-PLUS V2, V2.1 AA-N959A-TC AA-N960A-TC AA-N962A-TC	V1.1 9/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 AA-N959B-TC AA-N960B-TC AA-N962B-TC AV-X073A-TC AV-X074A-TC		
PDP-11 ADE/RSX	14.27.01 AE-U500B-TC QR531 (RSX-11M systems) QR532 (RSX-11M-PLUS systems) Base Operating Systems:	V2.2 1/84 RSX-11M V4.1 RSX-11M-PLUS V2.1			
PDP-11 BASIC-PLUS-2 for RSX-11M and RSX-11M-PLUS	See SPD 14.11.09 AE-J197J-TC Base Operating Systems: Introduction to BASIC BASIC-PLUS-2 RSX/IAS/VMS User's Guide Updates 1 and 2 BASIC-PLUS-2/RSX-11M Installation Guide Update 1 BASIC-PLUS-2 RSX-11M V1.5 Release Notes RSX BASIC-PLUS-2 V1.6 Release Notes Update 1 BASIC-PLUS-2 RSX-11M and M- PLUS Installation Guide and Release Notes PDP-11 BASIC-PLUS-2 Language Reference Manual Updates 1 and 2 (Continued)	V1.5 11/79 RSX-11M V3.1,V3.2 AA-0155A-TK AA-0157B-TC AA-0158B-TC AA-H189A-TC AA-H774A-TC	V1.6 2/80 RSX-11M V3.2,V4 AA-0155A-TK AA-0157C-TC AD-0157C-T1,T2 AA-0158C-TC AD-0158C-T1 Superseded AA-H189B-TC AD-H189B-T1 AA-H774A-TC AD-H774A-T1,T2	V2 11/82 RSX-11M V4 RSX-11M-PLUS V2 AA-0155B-TK obsolete AA-0158D-TC	V2.1 6/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 AA-0155C-TK AA-0158E-TC

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
PDP-11 COBOL	PDP-11-BASIC-PLUS 2 V1.6 Programmer's Ref. Card BASIC Reference Manual BASIC User's Guide BASIC on RSX-11M/M-PLUS Systems Update BASIC Pocket Reference Guide BASIC for Beginners More BASIC for Beginners See SPD 12.40.19 AE-3417S-TC Base Operating Systems: COBOL PDP-11 User's Guide Update COBOL PDP-11 Language Reference Manual Updates COBOL PDP-11 Installation Guide COBOL PDP-11 Pocket Reference Guide RSTS/E COBOL Task Builder Supplement COBOL/RSX-11M V4 Release Notes	V3.1 8/78 RSX-11M V3,V3.1 IAS V2 RSTS/E V6B,V6.2 CTS-500 3A,3B AA-1757C-TC AA-1749D-TC AA-1745C-TC AV-1750C-TC	AV-K014A-TC AA-L334A-TK AA-L335A-TK AA-L338A-TC AV-L341A-TK AA-L333A-TK AA-M587A-TK V4 12/78 RSX-11M V3.1,3.2 RSX-11M PLUS V1 IAS V2,V3 RSTS/E V6C,V7 CTS-500 V3 L3A,3B AA-1757D-TC AA-1749E-TC AA-1745D-TC AV-1750C-TC AA-5194A-TC AA-H512A-TC	AA-L334A-TK AA-L335A-TK AA-L338A-TC AV-L341A-TK AA-L333A-TK AA-M587A-TK V4.1 6/80 RSX-11M V3.2 RSX-11M-PLUS V1 IAS V3.1 RSTS/E V7 CTS-500 V5 AA-1757E-TC AA-1749E-TC AD-1749E-T1 AA-1745E-TC removed obsolete obsolete	AA-L334A-TK AA-L335A-TK AA-L338A-TC AD-L338A-T1 AV-L341A-TK AA-L333A0TK AA-M587A-TK V4.4 3/82 RSX-11M V4,V4.1 RSX-11M-PLUS V2,V2.1 IAS V3.1 RSTS/E V7.1,V7.2,V8 AA-1757E-TC AD-1757E-T1 AA-1749E-TC AD-1749E-T1,T2 AA-1745F-TC
PDP-11 CORAL-66	See SPD 14.56.10 AE-3450I-TC Base Operating Systems: CORAL-66 Installation Guide CORAL-66 Release Notes Addendum CORAL-66 Release Notes Update 1 CORAL-66 Language Reference Manual IAS/RSX/VMS CORAL-66 User's Guide CORAL-66 OTS and Standalone OTS Installation Guide	V01.1 12/76 RSX-11M V02 RSX-11D V6 IAS V1,V1.1 D-11-LCIAA-B-D D-11-LCRNA-A-D, DN1	V2 8/77 RSX-11M V2,V3 RSX-11D V6B,V6.2 IAS V1,V2 D-11-LCIAA-B-D D-11-LCRNA-B-D	V3 1/79 RSX-11M V3.2 IAS V3,V3.1 AA-1744D-TC AA-1752C-TC AD-1752C-T1 AA-D111B-TC AA-D112B-TK AA-5386B-TC	V4 1/83 RSX-11M V3.2,V4,V4.1 RSX-11M-PLUS V2,V2.1 AA-1744E-TC Superseded Superseded AA-D111C-TC AA-D112C-TC AA-5386C-TC

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
PDP-11 FORTRAN-77/RSX (formerly PDP-11 FORTRAN IV-PLUS/RSX)	See SPD 14.31.07 AE-J139H-TC Base Operating Systems: PDP-11 FORTRAN Language Reference Manual FORTRAN-IV-PLUS Installation Guide FORTRAN-IV-PLUS OTS Reference Manual FORTRAN-IV-PLUS User's Guide PDP-11 FORTRAN-77 OTS Ref.Man. Update PDP-11 FORTRAN-77 User's Guide UPDATE PDP-11 FORTRAN-77 Installation Guide and Release Notes Update PDP-11 FORTRAN-77 Language Reference Manual Update	V3 11/79 RSX-11M V3.2 RSX-11M-PLUS V1 AA-1855D-TC AA-1873E-TC AA-1874B-TC AA-1884C-TC	V4 9/81 RSX-11M V3.2 RSX-11M-PLUS V1 AA-1874C-TC AA-1884D-TC AA-K503B-TC AA-L979A-TC	V4.1 6/82 RSX-11M V4 RSX-11M-PLUS V2 AA-1874C-TC AD-1874C-T1 AA-1884D-TC AD-1884D-T1 AA-K503B-TC AD-K503B-T1 AA-L979A-TC AD-L979A-T1	V5 8/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 Obsolete Obsolete Obsolete Obsolete AA-V195A-TK Obsolete AA-V194A-TK Obsolete AA-V196A-TK Obsolete AA-V193A-TK Obsolete
PDP-11 FORTRAN-77 DEBUG	See SPD 30.33.01 AE-Y398B-TK Base Operating Systems: PDP-11 FORTRAN-77/DEBUG User's Guide FORTRAN-77/DEBUG Installation Guide and Release Notes	V1 8/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 RSTS/E V8 VAX/VMS V3.4,V3.5 AA-V197A-TK AA-X650A-TK			
PDP-11 FORTRAN-77/VAX TO RSX	See SPD 26.16.01 AE-U155B-TE Base Operating Systems:	V5 1/84 VAX/VMS V3.4,V3.5 RSX-11M (see SPD) RSX-11M-PLUS (see SPD)			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
PDP-11 PASCAL/ RSX	See SPD 14.18.03 AE-N917D-TC SPD Addendum AE-BB27A-TK Base Operating System: PDP-11 PASCAL Language Ref Man Update PDP-11 PASCAL User's Guide PDP-11 PASCAL Installation Guide and Release Notes PDP-11 PASCAL Upgrade Update	V1 10/82 RSX-11M V4,V4.1 RSX-11M-PLUS V2, V2.1 AA-M875A-TC AA-M876A-TC AA-M877A-TC	V1.1 1/84 RSX-11M V4.1 RSX-11M-PLUS V2.1 AD-M875A-T1 AA-M877B-TC AD-M876A-T1		
PDP-11 RPG II RSX	QP620 13.21.01 AE-V924B-TC (QP621 - RSTS-E) Base Operating Systems: RPG-II Language Reference Man. RPG-II User's Guide RPG-II V8.8 Release Notes and Installation Guide	V8.8 4/83 RSX-11M V4,V4.1 RSX-11M-PLUS V2,V2.1 RSTS/E V8 AA-5371B-TC AA-C866B-TC AA-U057A-TC			
PLXY-11M	QJS90 14.39.01 AE-K797B-TC (Requires FORTRAN IV. See SPD.) Base Operating System: PLXY-11 V1.1 Use.'s Guide	V1.1 1/81 RSX-11M V3.2, V4,V4.1 AA-J535A-TK	V1.3 12/83 RSX-11M V4.1		
PLXY-11M- PLUS	QJS96 14.71.01 AE-K799B-TC (Requires FORTRAN IV. See SPD.) Base Operating Systems: PLXY-11 V1.1 User's Guide	V1.1 1/81 RSX-11M-PLUS V1, V2,V2.1 AA-J535A-TK	V1.3 12/83 RSX-11M-PLUS V2.1		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
Professional Host Communications	QJ072 30.29.03 AE-P648D-TK QC351 (VAX-11/730 system) QD351 (VAX-11/750 system) QE351 (VAX-11/780 & 782 systems) Base Operating Systems:	V1 1/83 VAX/VMS V3 & later RSX-11M V4 RSX-11M-PLUS V2 P/OS V1	V1.5 7/83 VAX/VMS V3.4 RSX-11M V RSX-11M-PLUS V2.1 P/OS V1.5	V1.7 10/83 VAX/VMS V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7	
Professional Host Tool Kit (formerly Professional Developer's Tool Kit)	QJ071 30.28.03 AE-P649D-TK QC350 (VAX-11 730 system) QD350 (VAX-11/750 system) QE350 (VAX-11 780 & 782 systems) Base Operating System:	V1 1/83 VAX/VMS V3 & later RSX-11M V4 RSX-11M-PLUS V2	V1.5 6/83 VAX/VMS V3.3 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1/5	V1.7 9/83 VAX/VMS V3.4, V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7	
	Professional Host Communications Installation Procedure	AA-P412A-TK	AA-P412B-TK	AA-P412C-TK	
PRO TK Document Directory		AA-N615A-TK	AA-N615B-TK	AA-N615C-TK	
PRO TK Installation Guide and Release Notes		AA-N616A-TK	AA-N616B-TK	AA-N616C-TK	
Addendum		AD-N616A-T1	Obsolete		
PRO TK User's Guide		AA-N617A-TK	AA-N617B-TK	AA-N617C-TK	
PRO TK Core Graphics Library Man		AA-N619A-TK	AA-N619A-TK	AA-N619B-TK	
PRO TK P/OS System Ref. Man. Update		AA-N620A-TK	AA-N620A-TK	AA-N620A-TK	
PRO TK Document Guidelines		AA-N621A-TK	AA-N621A-TK	AA-N621A-TK	
PRO TK TT SS Manual		AA-N623A-TK	AA-N623B-TK	AA-N623B-TK	
FMS-11/RSX-11 Software Ref. Man.		AA-H855A-TC	AA-H855A-TC	AA-H855A-TC	
FMS-11/RSX Release Notes		AA-H857A-TC	AA-H857A-TC	AA-H857A-TC	
PRO/RMS-11: An Introduction		AA-P098A-TK	AA-P098A-TK	AA-P098A-TK	
PRO/RMS-11 MACRO Programmer's Guide		AA-P099A-TK	AA-P099A-TK	AA-P099A-TK	
RSX-11M/M-PLUS Task Builder's Manual		AA-L680A-TC	AA-L680B-TC	AA-L680B-TC	
Update		AD-L680A-T1	Obsolete		
IAS/RSX-11 ODT Reference Manual		AA-M507A-TC	AA-M507A-TC	AA-M507A-TC	
PRO IAS/RSX ODT Supplement		AA-P193A-TK	AA-P193B-TK	AA-P193B-TK	
PDP-11 MACRO-11 Language Ref Man		AA-5075B-TC	AA-V027A-TC	AA-V027A-TC	
Update		AD-5075B-T1			
PRO TK FMS Documentation Supplement		AA-P103A-TK	AA-P103B-TK	AA-P103B-TK	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
Professional Host Tool Kit BASIC-PLUS-2	QJ073 30.27.02 AE-P650C-TK QC352 (VAX-11 730 system) QD352 (VAX-11 750 system) QE352 (VAX-11 780 & 782 systems) Base Operating Systems: BASIC Reference Manual BASIC User's Guide BASIC on RSX-11M/M-PLUS System Update Professional Developer's Tool Kit BASIC+2 Documentation Supplement Professional Developer's Tool Kit BASIC+2 Installation Guide and Release Notes BASIC Pocket Reference Guide	V2 1/83 VAX/VMS V3.2 RSX-11M V4 RSX-11M-PLUS V2 AA-L334A-TK AA-L335A-TK AA-L338A-TC AA-P102A-TK AA-P104A-TK AV-L341A-TK	V2.1 6/83 VAX/VMS RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5 AA-L334A-TK AA-L335A-TK AA-L338A-TC AD-L338A-T1 AA-P102B-TK AA-P104B-TK AV-L341A-TK	V2.2 1/84 RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3.5 P/OS V1.7	
Professional Host Tool Kit COBOL-81	QJ081 30.31.01 AE-R999B-TK QC714 (VAX-11 730 system) QD714 (VAX-11 750 system) QE714 (VAX-11 780 & 782 systems) Base Operating Systems: COBOL-81 Language Reference Man RSX-11M/M+ User's Guide Professional Tool Kit COBOL-81 Installation Guide and Documentation Supplement COBOL-81 Pocket Guide	V2 6/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3.2 thru 3.5 P/OS V1.5 AA-J434B-TC AA-M179B-TC AA-R759A-TK AV-H630C-TC			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
Professional Host Tool Kit DIBOL	QJ369 30.26.03 AE-P651D-TK QC356 (VAX-11/730 system) QD356 (VAX-11/750 system) QE356 (VAX-11/780 & 782 systems) Base Operating Systems: Professional Tool Kit Introduction to DIBOL PRO TK DIBOL User's Guide PRO TK DIBOL Language Ref. Man. PRO TK DIBOL Release Notes and Installation Guide DIBOL-83 Language Reference Manual Update DIBOL-83 Compatability Manual PRO/TK DIBOL Message Manual	V1 1/83 VAX/VMS V3 & later RSX-11M V4 RSX-11M-PLUS V2 P/OS V1 AA-P042A-TK AA-P043A-TK AA-P044A-TK AA-P045A-TK V1 6/83	V1.5 6/83 VAX/VMS RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5 AA-PO42A-TK AA-PO43B-TK Obsolete AA-P045B-TK AA-U066A-TK AA-V810A-TK V5 10/83	V1.6 10/83 VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7 AA-P042A-TK AA-P043C-TK AA-PO45C-TK AA-U066A-TK AD-U066A-T1 AA-V810B-TK AA-Z515A-TK	
Professional Host Tool Kit FORTRAN-77	QJ074 30.38.02 AE-W587C-TK QC353 (VAX-11 730 system) QD353 (VAX-11 750 system) QE353 (VAX-11 780 & 782 system) Base Operating System: PDP-11 FORTRAN-77 OTS Ref Man Update PDP-11 FORTRAN-77 User's Guide Update PDP-11 FORTRAN-77 Language Reference Manual Update Professional Host TK FORTRAN-77 Installation Guide and Documentation Supplement	V1 6/83 VAX/VMS RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5 AA-1874C-TC AD-1874C-T1 AA-1884D-TC AD-1884D-T1 AA-L979A-TC AD-L979A-T1 AA-R387A-TK	V5 10/83 VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7 AA-V195A-TK Obsolete AA-V194A-TK Obsolete AA-V193A-TK Obsolete AA-R387B-TK		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
Professional Host Tool Kit FORTRAN-77 DEBUG	QJ079 30.42.01 AE-Z850B-TK QC421 (VAX-11/730 system) QD421 (VAX-11/750 system) QE421 (VAX-11/780 & 782 systems) Base Operating Systems:	V1 10/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3.4,V3.5 P/OS V1.7			
Professional Tool Kit PASCAL	QJ082 30.30.02 AE-R998c-TK QC715 (VAX-11 730 system) QD715 (VAX-11 750 system) QE715 (VAX-11 780 & 782 system) Base Operating Systems:	V1 6/83 VAX/VMS V3.3 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5	V1.1 9/83 VAX/VMS V3.4,v3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7	AA-R759A-TK AA-U046A-TK AA-U047A-TK	AA-R759B-TK AA-U046A-TK AA-U047A-TK
Professional Real Time Interface Library	QJ076 30.37.02 AE-Y160C-TK QC355 (VAX-11/730 system) QD355 (VAX-11/750 system) QE355 (VAX-11/780 & 782 systems) Base Operating Systems:	V1 8/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3.4,V3.5 P/OS Hard Disk V1.7 P/OS Diskette V1.7			
For additional Professional Products, see section 7.	Professional Products, see section 7.				

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
<p>REAL-11/11S</p> <p>RGL-11 ReGIS Graphic Library for RT-11 and RSX-11M</p> <p>RSX-11 2780/3780 Emulator</p> <p>RSX-11/3271 PE</p>	<p>See SPD 26.22.0 AE-V489A-TE</p> <p>Base Operating Systems: Host System Target System (See SPD)</p> <p>QJ123 14.62.3 AE-M802D-TC (QJ122 FOR RT-11) (Requires FORTRAN. See SPD.)</p> <p>Base Operating System:</p> <p>RGL/FEP RSX-11M Release Notes RGL/FEP Programmers Ref. Man. Update FEP/RSX Installation and and User's Guide RGL/11 Programmer's Reference RGL/11 Installation Guide RGL/11 Release Notes</p> <p>QJD82 10.01.02 AE-K977C-TC (Replaces RSX-11M 2780, SPD 10.65.5)</p> <p>Base Operating Systems:</p> <p>RSX-11M and RSX-11M-PLUS 2780/3780 User's Guide</p> <p>See SPD 10.88.06 AE-D935G-TC</p> <p>Base Operating Systems:</p> <p>RSX-11/3271 PE V2 System Manager's Guide RSX-11M/3271 PE V2 Programmer's Guide RSX-11/3271 PE V2 Release Notes 3270 TT Emulator Keyboard Layout</p>	<p>V1 4/83</p> <p>VAX/VMS V3,V3.1,V3.2 RSX-11S V4</p> <p>V1 5/82</p> <p>RSX-11M V4 RT-11 V4</p> <p>AA-M522A-TC AA-K783A-TC AD-K783A-T1 AA-J303B-TC</p> <p>V4 4/81</p> <p>RSX-11M V3.2 RSX-11M-PLUS V1</p> <p>AA-J581A-TC</p> <p>V1 7/78</p> <p>RSX-11M V3.2</p>	<p>V1.1 8/82</p> <p>RSX-11M V4,V4.1 RT-11 V4,V5</p> <p>AA-M837A-TC AA-M838A-TC AA-M839A-TC</p> <p>V4.1 4/82</p> <p>RSX-11M V4,V4.1 RSX-11M-PLUS V2,V2.1</p> <p>AA-J581A-TC</p> <p>V2 8/81</p> <p>RSX-11M V3.2,V4 RSX-11M-PLUS V1</p> <p>AA-C739B-TC AA-C738B-TC AA-H032B-TC</p>	<p>V3 1/83</p> <p>RSX-11M V4,V4.1 RSX-11M-PLUS V2,V2.1</p> <p>AA-C739C-TC AA-C738C-TC AA-H032C-TC AV-P075A-TE</p>	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
RSX DLX-11	QJ689 10.06.01 AE-K434B-TC Base Operating Systems:	V1 11/80 RSX-11M V4,V4.1 RSX-11S V4.1			
RSX MDE/T-11	QJA62 14.23.01 AE-P081B-TC Base Operating Systems:	V1 10/82 RSX-11M V4,V4.1 RSX-11M-PLUS V2,V2.1			
RSX-11 PSI/M Packetnet System Interface	QJD91 10.42.01 AE-N141B-TC Base Operating System:	V2 6/82 RSX-11M V4,V4.1			
	Introduction to RSX-11 PSI RSX-11 PSI System Managers Guide RSX-11 PSI User's Guide RSX-11 PSI Networks Generation Guide RSX-11 PSI Networks Specifica- tion Information RSX-11 PSI Release Notes RSX-11 PSI Reference Card	AA-M369A-TC AA-M370A-TC AA-M371A-TC AA-M372A-TC AA-M373A-TC AA-M374A-TC AV-M749A-TC			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
RSX-11M-PLUS DIBOL	See SPD 14.24.01 AE-W941B-TC Base Operating System: M+/Micro RSX DIBOL User's Guide M+/Micro RSX DIBOL Release Notes and Installation Guide M+/Micro RSX DIBOL Message Man. Introduction to DIBOL DIBOL-83 Language Reference Man. Update DIBOL-83 Language Reference Card DIBOL-83 Compatibility Guide	V1 7/83 RSX-11M+ V2.1 AA-Z885A-TC AA-Z886A-TC AA-Z887A-TC AA-P042A-TK AA-U066A-TK AD-U066A-T1 AV-U067A-TK AA-V810B-TK			
RSX-11 PSI/M-PLUS Packetnet System Interface	QJD92 10.43.01 AE-N142B-TC Base Operating System: Introduction to RSX-11 PSI RSX-11 PSI System Managers Guide RSX-11 PSI User's Guide RSX-11 PSI Networks Generation Guide RSX-11 PSI Networks Specifica- tion Information RSX-11 PSI Release Notes RSX-11 PSI Reference Card	V2 6/82 RSX-11M-PLUS V2,V2.1 AA-M369A-TC AA-M370A-TC AA-M371A-TC AA-M372A-TC AA-M373A-TC AA-M374A-TC AV-M749A-TC			
RSX-11M/ FORTRAN Enhancement Package for MINC (FEP)	QJV43 14.44.04 AE-L762E-TC (Operating system included as part of package) Base Operating System: RSX-11M Documentation Kit PDP-11 FORTRAN77/RSX Doc Kit FMS-11/RSX Documentation Kit Scientific Subroutine Programmer's Reference Manual Update Laboratory Subroutine Programmer's Reference Manual Update Real-11/MINC FORTRAN Programmer's Reference Manual Update (Continued)	V1 9/81 RSX-11M V4 QJ628-GZ V4 QJ668-GZ V4.1 QJ715-GZ V1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1	V1.1 9/82 RSX-11M V4.1 QJ618-GZ V4.1 QJ668-GZ V4.1 QJ715-GZ V1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1,T2	V1.2 11/83 RSX-11M V4.1 QJ628-GZ V4.1 QJ715-GZ V1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1,T2	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
RSX-11M/FORTRAN Real-Time Package for MINC (FRP)	<p>Introduction to FEP Update FEP/RSX Installation and User's Guide RGL/FEP Programmer's Reference Manual Update RSX/FEP for MINC Reference Notes RGL-11 Programmer's Ref.Man. DECLab-11/MINC User's Guide MNCTP User's Guide Microcomputer Interfaces Hdbk Microcomputer & Memories Hdbk</p> <p>QJV47 14.74.02 AE-N508C-TC</p> <p>Base Operating System:</p> <p>RSX-11M Documentation Kit PDP-11 F-77/RSX Doc. Kit FMS-11/RSX Documentation Kit Scientific Subroutines Programmer's Reference Man. Update Laboratory Subroutines Programmer's Reference Man. Update 1 REAL-11/MNC FORTRAN Programmer's Reference Man. Updates 1 and 2 Introduction to FEP and FRP RSX-11M/FEP/FRP Installation User's Guide Release Notes RSX-11/FEP RSX-11/FRP Microcomputer Interfaces Handbk Microcomputer and Memories Handbook DECLab/11 MNC User's Guide (Pre) MNCTP User Guide</p>	<p>AA-J302A-TC AD-J302A-T1 AA-J303B-TC AA-K783A-TC AD-K783A-T1 AA-M055B-TC EK-MNC11-UG EK-MNCTP-UG EB-20175-20 EB-20912-20 V1 9/82 RSX-11M V4 QJ628-GZ/V4 QJ668-GZ/V4.1 QJ715-GZ/V1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1,T2 AA-J302B-TC AA-J303C-TC AA-M055C-TC EB-23144-18 EB-20912-20 EK-MNC11-UG EK-MNCTP-UG</p>	<p>AA-J302B-TC Obsolete AA-J303C-TC AA-M055C-TC AA-M837A-TC EK-MNC11-UG EK-MNCTP-UG EB-23144-18 EB-20912-20 V1.1 11/83 RSX-11M V4.1 QJ628-GZV4.1 QJ668-GZ QJ715-GZV1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1,T2 AA-J302B-TC AA-J303D-TC AA-M055D-TC EB-23144-18 EB-20912-20 EK-MNC11-UG EK-MNCTP-UG</p>	<p>AA-J302B-TC AA-J303D-TC AA-M055D-TC AA-M837A-TC EK-MNC11-UG EK-MNCTP-UG EB-23144-18 EB-20912-20</p>	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
RSX-11/PROVUE (formerly VT36/RSX-11M)	QJS83 14.33.1 AE-N271B-TC Base Operating System: VSV11-M V2 Software Driver Guide PROVUE System Manager Guide PROVUE System Build Manual PROVUE Terminal User's Guide PROVUE Offline Picture Editing System PROVUE Online Picture Editing System PROVUE Programmer's Guide PROVUE Utility Guide PROVUE V2 Release Notes	V1 8/82 RSX-11M V4 AA-J287B-TK AA-M021A-TK AA-M022A-TK AA-M023A-TK AA-M024A-TK AA-M025A-TK AA-M026A-TK AA-M027A-TK AA-M089A-TK	V2 3/83 RSX-11M V4,V4.1 AA-J287B-TK AA-M021B-TK AA-M022B-TK AA-M023B-TK AA-M024B-TK AA-M025B-TK AA-M026B-TK AA-M027B-TK AA-M089B-TK		
	QJD69 14.4.02 AE-J512C-TC Base Operating Systems: RSX-11M/SNA PE Applications Programmer's Guide RSX-11M/SNA PE Concepts and Facilities RSX-11M/SNA PE V1.1 Concepts and Facilities Update RSX-11M/SNA PE System Manager's Guide RSX-11/SNA V1.1 System Manager's Guide Update RSX-11M/SNA PE V1 Release Notes RSX-11M/SNA PE V1.1 Release Notes Update	V1 3/80 RSX-11M V3.2 AA-5503A-TC AA-5501A-TC AA-5502A-TC AA-J549A-TC	V1.1 4/82 RSX-11M V4,V4.1 AA-5503B-TC AA-5501A-TC AD-5501A-T1 AA-5502A-TC AD-5502A-T1 AA-J549A-TC AD-J549A-T1		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
RSX-11M/IAS RJE/HASP	QJS60 10.51.6 AE-5248G-TC Base Operating Systems:	V1 5/77 RSX-11M V2,V3 IAS V1.1 RSX-11D	V1.1 2/80 RSX-11M V3.2,V4, V4.1 IAS V3.1		
RSX-11M-PLUS RJE/HASP	QJS63 10.48.1 AE-K959B-TC Base Operating System:	V1.2 2/81 RSX-11M PLUS V1,V2, V2.1			
RSX-11M VIGL VS(V)11 Interactive Graphics Library	See SPD 14.19.0 AE-N504A-TC (RESTRICTED) Base Operating Systems: RSX-11M VIGL User's Guide RSX-11M VIGL Release Notes	V1 11/82 RSX-11M V4,V4.1			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
RTEM-11 (RT-11 Emulator)	See SPD 30.21.03 AE-N571C-TK Base Operating Systems: RTEM-11 User's Manual RTEM-11 Installation Guide and Release Notes Update 1	V1 9/82 RT-11 V4 RSX-11M V4 RSX-11M-PLUS V2 VAX/VMS V3,V3.1 AA-N435A-TK AA-N436A-TK	V1.1 4/83 RT-11 V5 RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3.2 AA-N435B-TK AA-N436A-TK AD-N436A-T1		
SORT-11	QP602 12.07.06 AE-5429G-TC Base Operating Systems: PDP-11 SORT Reference Manual Update PDP-11 SORT Installation Guide	V01 9/75 RSX-11D V6A,6B IAS V1 RSTS/E V6A RSX-11M V2 D-11-USTRA-B-D D-11-USTRA-B-DN1 D-11-USIGA-A-D	V2 5/77 RSX-11M V4, 4.1 RSX-11M-PLUS V2,V2.1 AA-3341C-TC AD-3341C-T1		
SPM-11M (Software Performance Monitor)	See SPD S0.1.1 AE-N212B-TC Base Operating System:	V2 8/82 RSX-11M V4	V3 RSX-11M V4.1		
SPM-11M-PLUS (Software Performance Monitor)	See SPD S0.14.0 AE-N213A-TC Base Operating System:	V2 8/82 RSX-11M-PLUS V2	V3 RSX-11M-PLUS V2.1		
SSP/RSX-11M (Scientific Subroutine Package)	QJ962 15.45.10 AE-3413I-TC (FORTRAN required. See SPD.) Base Operating Systems: Scientific Subroutines Reference Manual Update	V1.1 8/78 RSX-11M V3.1 RT-11 V3 AA-1101B-TC	V1.2 6/80 RSX-11M V3.2 RT-11 V4 AA-1101B-TC	V1.3 8/81 RSX-11M V4,V4.1 RT-11 V4,V5 AA-1101D-TC AD-1101D-T1	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RSX-11 Family			
UN1004/RSX	QJ170 10.79.06 AE-3454G-TC Base Operating Systems: UN1004/RSX-IAS User's and Sysgen Guide Update UN1004/RSX Software Support Manual UN1004/RSX-IAS Release Notes UN1004/RSX V2 Release Notes	V01 8/76 RSX-11M V02 RSX-11D V6B IAS V3.1 D-11-CXRGA-A-D D-11-CXUSA-A-D D-11-CXNRA-B-D	V2 2/77 RSX-11M V3.2,V4 V4.1 D-11-CXRGA-B-D D-11-CXRGA-B-DN1 D-11-CXNRA-B-D AA-1341C-TC		
VSV-11M Driver	QJS27 14.53.03 AE-K851D-TC Base Operating System: VSV-11M V1 Software Driver Guide VSV11-M V2 Software Driver Guide VSV11-M V2 Release Notes VSV11-M V2.1 Software Driver Gd.	V1 2/81 RSX-11M V3.2 AA-J287A-TK	V2 12/81 RSX-11M V4 AA-J287B-TK AA-M615A-TC	V2.1 8/83 RSX-11M V4.1	AA-J287C-TK
VTV31-K RSX-11M Driver	QJS84 14.73.0 AE-P079A-TC Base Operating System: VTV31-K/RSX Device Driver Sub-routines Library	V1 11/82 RSX-11M V4V4.1 AA-M809A-TC			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11				
RT-11 and RT ² /PDT	QJ013 12.01.22 AE-3393U-TC Guide to RT-11 Documentation RT-11 System Message Manual Update 1 RT-11 System Generation Manual RT-11 Installation and System Generation Guide Update RT-11 Installation Guide RT-11 System Generation Guide RT-11 System Release Notes Updates RT-11 Documentation Directory PDP-11 MACRO-11 Language Reference Manual RT-11 System User's Guide Update 1 Introduction to RT-11 Update 1 RT-11 Advanced Programmer's Guide Updates RT-11 TECO Release Notes PDP-11 TECO User's Guide Update #1 TECO Pocket Guide PDP-11 Programming Card RT-11 V3 Pocket Guide RT-11 V4 Pocket Guide RT-11 DECTape II Installation Notes RT-11/PDT Installation Notes RT-11 Programmer's Reference Manual Update PDP-11 Keypad Editor User's Guide Update RT-11 Software Support Manual Update RT-11 Master Index PDP-11 Keypad Editor Reference Card (Continued)	V3B 3/78 AA-5284B-TC AA-5283B-TC AA-5286B-TC AD-5286B-T1, T2 AA-5285D-TC AA-5075A-TC D-11-ORGDA-A-D D-11-ORGDA-A-DN1 D-11-ORITA-A-D D-11-ORITA-A-DN1 AA-5280B-TC AD-5280B-T1, 2, 3 D-11-ORTNA-A-D D-11-UTECA-A-D D-11-UTECA-A-DN1 AV-D530A-TK EH-S1046-78 AV-5287B-TC AA-H280A-TC AA-H281A-TC	V4 5/80 AA-V597A-TC AD-5284C-T1 AA-V821A-TC AD-H376A-T1 AA-5286D-TC obsolete AA-5285F-TC AA-5075B-TC AA-V596A-TC AD-5279B-T1 AA-V819A-TC AD-5281B-T1 D-11-UTECA-B-D AV-D530A-TK EH-S1046-78 AV-5287C-TC AA-V827A-TC AD-H378A-T1 AA-H853A-TC AD-H853A-T1 AA-V828A-TC AD-H379A-T1 AA-V826A-TC AV-H854A-TC	V5 4/83 AA-5285G-TC AA-5284D-TC obsolete obsolete AA-H376B-TC AA-M240A-TC AA-5286E-TC Manual renamed AA-5279C-TC AA-5281C-TC obsolete D-11-UTECA-B-D AV-D530A-TK EH-S1046-78 AA-H378B-TC Obsolete AA-H853A-TC AA-H379B-TC Obsolete AA-H380B-TC AV-H854A-TC	V5.1 1/84 AA-5285G-TC AA-5284D-TC AA-H376B-TC AA-M240A-TC AA-5286F-TC AA-5279C-TC AA-5281C-TC D-11-UTECA-B-D AV-D530A-TK EH-S1046-78 AA-H378B-TC AA-H853A-TC AA-H379B-TC AA-H380B-TC AV-H854A-TC	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
BASIC-11/RT-11	PDP-11 Keypad Editor Release Notes VT55 Programming Manual RT-11 Autopatch User's Guide RT-11 Autopatch Release Notes RT-11 Easy Installation Card RT-11 V5 RL02 Auto. Install. Bk. RT-11 V5 RX02 Auto. Install. Bk. RT-11 V5 RX50 Auto. Install. Bk. RT-11 V5 RC25 Auto. Install. Bk. RT-11 System Utilities Manual PDP-11 MACRO-11 Language Ref. Gd. RT-11 Mini-Reference Manual RT-11 V5 RX1 Auto Installation RT-11 V5 RL2 Auto Installation RT-11 V5 RX50 Auto Installation RT-11 System Utilities Manual RT-11 Update User's Guide QJ913 12.05.11 AE-3394K-TC Base Operating Systems: Introduction to BASIC BASIC-11 Language Reference Manual BASIC-11/RT-11 User's Guide Update BASIC-11/RT-11 Installation Guide Update BASIC RT-11 Installation Guide and Release Notes BASIC-11 V2.1 RX50 Install. Bk. BASIC-11 V2.1 RLS Install. Bk. BASIC-11 V2.1 RX2 Install. Bk.	V01-05.2 RT-11 V02-01	AA-J692A-TC AA-4949B-TC AA-K238A-TC AA-K388H-TC AV-H377A-TC V01B 7/75 RT-11 V02B RT-11 V02C	AA-P747A-TC AA-P748A-TC AA-P749A-TC AA-P750A-TC AA-M239A-TC AA-V027A-TC AA-M241A-TC AA-M235A-TC AA-M236A-TC AA-M238A-TC AA-M239A-TC V2 10/77 RT-11 V4 AA-0155A-TK D-11-LIBBB-A-D D-11-LIBUA-A-D D-11-LIBUA-A-DN1 D-11-LIBTA-A-D D-11-LIBTA-A-DN1 AA-K724A-TC	AA-P747A-TC AA-P748A-TC AA-P749A-TC AA-P750A-TC AA-M239A-TC AA-V027A-TC AA-M241A-TC AA-M235A-TC AA-M236A-TC AA-M238A-TC AA-M239A-TC AA-V610A-TC V2.1 4//82 RT-11 V5 AA-1908A-TC AA-5071B-TC D-11-LIBUA-A-DN1 AA-K724B-TC AA-U462B-TC AA-U461A-TC AA-U463A-TC

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
DECNET-RT	QJ687 10.72.10 AE-D431J-TC Base Operating Systems: Introduction to DECnet RT-11 DECnet-RT Release Notes RT-11 DECnet-RT User's Guide DECnet-RT System Manager's Guide DECnet-RT Guide User Utilities DECnet-RT Networks Generation and Installation Guide DECnet-RT Documentation Directory DECnet-RT Release Notes Update DECnet Programmer's Ref. Man DECnet-RT Unsupported Software DECnet-RT Reference Card	V1 3/78 RT-11 FB/XM V3 AA-5696A-TC AA-5695A-TC	V1.1 3/80 RT-11 FB/XM V4 AA-5696B-TC AA-5695B-TC	V2 2/82 RT-11 FB V4 AA-J055B-TK AA-K250A-TC AA-K251A-TC AA-K252A-TC AA-K253A-TC AA-K254A-TC AA-L268A-TC AA-L527A-TC AV-M430A-TC	V2.1 7/83 RT-11 FB V5 AA-J055C-TK AA-K250A-TC AA-K251A-TC AA-K252A-TC Obsolete AA-K254A-TC AD-K254A-T1 AA-L268A-TC AA-L527A-TC AV-M430A-TC
FMS-11/RT-11	QJ713 12.22.07 AE-H509H-TC Base Operating Systems: FMS-11 Software Reference Manual FMS-11 Software Pocket Guide RT-11 Keypad Editor User's Guide RT-11 Keypad Editor Reference Card FMS-11 Release Notes	V1 2/79 RT-11 V3B RT ² V3B RT ² /PDT V3B AA-H368A-TC AV-H369B-TC AA-H366A-TC AV-H367A-TC AA-H370A-TC	V1.1 4/80 RT-11 V4 RT ² V4 RT ² /PDT V4 AA-H368A-TC AV-H369B-TC AA-H366B-TC AA-H370B-TC	V1.2 7/83 RT-11 V5 A-H368A-TC AV-H369B-TC AA-H370C-TC	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
FORTRAN IV/ RT-11	QJ813 12.10.14 AE-3395N-TC Base Operating Systems: RT-11 FORTRAN-IV Installation Guide PDP-11 FORTRAN Language Ref Man Update RT-11/RSTS/E FORTRAN IV User's Guide FORTRAN IV/RT-11/RSTS/E V2.1 Release Notes RT-11 FORTRAN IV Installation Guide and Release Notes	V2 10/77 RT-11 V02C AA-5240B-TC D-11-LFLRA-C-D D-11-LFLRA-C-DN1 D-11-LRRUB-A-D V1 9/80 RT-11 V4 plus FORTRAN IV/RT11 AA-H069B-TC AA-K037A-TC AA-K038A-TC	V2.1 10/78 RT-11 V3B RT-11 V4 AA-5240D-TC D-11-LFLRA-C-D D-11-LFLRA-C-DN1 D-11-LRRUB-A-D AA-H273A-TC V1.1 6/83 RT-11 V5 plus FORTRAN IV/RT-11 AA-H069C-TC AA-K037A-TC	V2.5 9/80 RT-11 V4 AA-5240E-TC AA-1855D-TC AA-5749B-TC AA-5240E-TC	V2.6 4/83 RT-11 V5
FORTRAN/RT-11 Laboratory Extensions	QJ991 12.29.03 AE-J673D-TC Base Operating Systems: FORTRAN Debugging Technique Reference Manual FORTRAN/RT-11 Laboratory Extensions Manual FORTRAN/RT-11 Graphics Extensions User's Guide	V3 12/79 AA-2185C-TC AD-2185C-T1 AA-2186C-TC AD-2186B-T1 AA-5689A-TC AV-2183D-TC	V3.1 4/81 AA-2185C-TC AD-2185C-T1 AA-2186D-TC obsolete AA-5689A-TC AD-5689A-T1 AV-2183D-TC AA-J518A-TC AA-K565A-TC	V3.2 8/82 AA-2185C-TC AD-2185C-T1 AA-2186D-TC AA-5689A-TC AD-5689A-T1 AV-2183D-TC AA-K565A-TC AA-K030A-TC AA-M915A-TC	V3.3 12/83
GAMMA-11 F/B	See SPD 15.60.13 AE-3428N-TC GAMMA-11 Operator's Guide Update GAMMA-11 System Reference Guide Update Introduction to GAMMA-11 Update 1 GAMMA-11 Command Summary Card GAMMA-11 Clinical Applications Package Manual GAMMA-11 Release Notes GAMMA-11 Applications User Guide Volume 1 GAMMA-11 Applications User Guide Volume 2	V3 12/79 AA-2185C-TC AD-2185C-T1 AA-2186C-TC AD-2186B-T1 AA-5689A-TC AV-2183D-TC	V3.1 4/81 AA-2185C-TC AD-2185C-T1 AA-2186D-TC obsolete AA-5689A-TC AD-5689A-T1 AV-2183D-TC AA-J518A-TC AA-K565A-TC	V3.2 8/82 AA-2185C-TC AD-2185C-T1 AA-2186D-TC AA-5689A-TC AD-5689A-T1 AV-2183D-TC AA-K565A-TC AA-K030A-TC AA-M915A-TC	V3.3 12/83

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
IEX-RT-HANDLER (Device Handler)	QJS36 12.65.01 AE-Y325B-TC Base Operating System:	V1 8/83 RT-11 V4,V5			
INSTRUMENT Bus Subroutines (IBS)	QJ015 12.14.05 AE-H257F-TC (FORTRAN required) Base Operating Systems: INSTRUMENT BUS SUBROUTINE Programmer's Reference Guide IBV11-A LSI Instrument Bus User's Guide Release Notes for Instrument Bus Subroutines	V1 10/78 RT-11 V3,V3B	V1.1 6/80 RT-11 V4 AA-5613B-TC EK-IBV11-UG	V2 8/81 RT-11 V4 AA-5613C-TC	V2.1 9/82 RT-11 V4,V5 AA-5613D-TC EK-IBV11-UG AA-N842B-TC
LSI-11 Micro-programming Tools	QJV40 15.90.2 AE-D370C-TC Base Operating Systems:	V1 1/78 RT-11 V3B			
LSP-11	QJ624 15.44.06 AE-D607G-TC (Requires FORTRAN IV.) See SPD.) Base Operating Systems: Laboratory Subroutines Programmer's Reference Manual Update	V1 3/78 RT-11 V3	V1.1 6/80 RT-11 V4 RSX-11M V3.2 AA-C984B-TC	V1.2 8/81 RT-11 V4,V5 RSX-11M V4,V4.1 AA-C984C-TC AD-C984C-T1	
MACDBG-RT (MACRO-11 Debugging Tool)	QJ039 12.58.02 AE-M553C-TC Base Operating System MACDBG-RT User's Guide MACDBG-RT Installation Guide and Release Notes	V1 3/82 RT-11 V4,V5 AA-M257A-TC AA-M325A-TC			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
MACSYS-RT (MACRO-11 Development System)	See SPD 12.61.01 AE-N030B-TC MACDBG-RT User's Guide MACSYS-RT Release Notes MACRO-11 Installation and User's Guide	V1 6/82 AA-M257A-TC AA-M700A-TC AA-M703A-TC			
MicroPower/ PASCAL	See SPD 19.12.05 AE-M520F-TC PDP-11 MACRO-11 Language Reference Manual RT-11 System User's Guide RT-11 System Message Manual RT-11 System Release Notes PDP-11 Keypad Editor User's Guide PDP-11 Keypad Editor Release Notes RT-11 System Utilities Man. RT-11 Mini Reference Manual Introduction to MicroPower/ PASCAL MicroPower/PASCAL Language Guide Update 1 MicroPower/PASCAL-RT System User's Guide Updates MicroPower/PASCAL-RT Runtime Service Manual Updates MicroPower/PASCAL-RT Installa- tion Guide Updates MicroPower/PASCAL Debugger User's Guide Updates MicroPower/PASCAL Message Updates MicroPower/PASCAL-RT Rel. Notes MicroPower/PASCAL Reference Card RT-11 V4 Documentation MicroPower/PASCAL-RT Documenta- tion Directory PDP-11 Keypad Editor Ref. Card	V1.2 11/82 AA-M388A-TE AA-M389B-TC AD-M389A-T1 AA-M390A-TC AD-M390A-T1, T2 AA-M391A-TC AD-M391A-T1, T2 AA-M392A-TC AD-M392A-T1, T2 AA-M393A-TC AD-M393A-T1, T2 AA-M394A-TC AD-M394A-T1, T2 AA-M526C-TC AV-M395A-TC QJ065-GZ	V1.3 4/83 AA-M388A-TC	V1.4 8/83 AA-5075B-TC AA-5790C-TC AA-5284D-TC AA-5286E-TC AA-H853A-TC AA-J692A-TC AA-M239A-TC AA-M241A-TC AA-M388A-TC AA-M389C-TC Obsolete AA-M390B-TC Obsolete AA-M391B-TC Obsolete AA-M392B-TC Obsolete AA-M393B-TC Obsolete AA-M394B-TC Obsolete AA-M526E-TC AA-W966A-TC AA-H854A-TC	V1.5 1/84

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
MRRT-11	QJ018 12.17.04 AE-K168E-TC Base Operating Systems: MRRT-11 Software User's Guide MRRT-11 Release Notes	V1 8/80 RT-11 V4 AA-J118A-TC AA-K056A-TC	V1.1 6/82 RT-11 V4 AA-J118B-TC AA-K056B-TC		
MU BASIC-11/ RT-11	QJ921 12.20.09 AE-3397I-TC Base Operating Systems: BASIC-11 Language Reference Manual MU BASIC-11/RT-11 User's Manual MU BASIC-11/RT-11 Installation Guide Introduction to BASIC MU BASIC-11/RT-11 V2.1 User's Guide MU BASIC/RT-11 V2.2 Release Notes MU BASIC-11/RT-11 V2.2 Installation Guide	V1 8/75 RT-11 V02B-05 RT-11 V02C D-11-LIBBA-B-D D-11-LIBRA-A-D D-11-LIBMA-A-D	V2 8/78 RT-11 V03B,V4 RT ² V03B D-11-LIBBB-A-D Superseded Superseded AA-0155A-TK AA-H039A-TC AA-H017B-TC AA-H038B-TC	V2.1 /780 RT-11 V4 RT ² V4 D-11-LIBBB-A-D	V2.2 4/83 RT-11 V5 D-11-LIBBB-A-D AA-H039A-TC AA-H017D-TC AA-H038D-TC
PLXY-11/RT	QJS91 12.42.01 AE-K795B-TC (FORTRAN IV required. See SPD.) Base Operating System: PLXY-11 V1.1 User's Guide	V1.1 1/81 RT-11 V4 AA-J535A-TK	V1.3 12/83 RT-11 V5		
PROM/RT-11	See SPD 12.21.03 AE-H585D-TC Base Operating Systems: PROM/RT-11 System User's Guide	V1 3/79 RT-11 V03B,V4 AA-D848B-TC	V2 8/82 RT-11 V4,V5 MicroPower/Pascal V1.1 MACSYS-RT V1 AA-D848B-TC		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
RGL-11 ReGIS Graphic Library for RT-11 and RSX-11M	QJ122 14.62.04 AE-M802E-TC (Requires FORTRAN. See SPD.) (QJ123 for RSX-11M) Base Operating System: RGL/FEP RT-11 Release Notes FEP/RGL Installation and User's Guide RGL/FEP Programmer's Ref. Man Update RGL/11 Programmer's Ref. Man. RGL/11 Installation Guide RGL/11 Release Notes	V1 6/82 RT-11 V4 RSX-11M V4 AA-M521A-TC AA-M079A-TC AA-K783A-TC AD-K78 3A-T1	V1.1 9/82 RT-11 V4,V5 RSX-11M V4,V4.1 AA-M837A-TC AA-M838A-TC AA-M839B-TC		
RT-11 2780/3780 PE	QJD59 10.16.03 AE-J514D-TC Base Operating Systems: 2780/3780 PE User's and Installation Guide	V4 6/80 RT-11 V4 AA-J089A-TC	V4.1 7/83 RT-11 V5		
RT-11/FORTRAN Enhancement Package for MINC	QJV32 15.49.5 AE-H171F-TC Base Operating System: RT-11 V4 Documentation Kit RT-11 V5 Documentation Kit F4/RT-11 V2.5 Documentation Kit F4/RT-11 V2.6 Documentation Kit Scientific Subroutine Manual Update Instrument Bus Subroutines Programmer's Reference Manual Update Laboratory Subroutines Programmer's Reference Manual Update Real-11/MINC Programmer's Manual Updates (Continued)	V1.1 6/80 MINC/BASIC V1.2 AA-1101C-TC AA-5613B-TC AA-C984B-TC AA-D631B-TC	V2 8/81 MINC/BASIC V1.2 QJ013-GZ/V4.0 QJ813-GZ/V2.5 AA-1101D-TC AD-1101D-T1 AA-5613C-TC AD-5613C-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1	V2.1 9/82 QJ013-GZ/V4 QJ813-GZ/V2.5 AA-1101D-TC AD-1101D-T1 AA-5613C-TC AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1,T2	V2.2 5/83 Superseded QJ013-GZ V5 Superseded QJ813/GZV2.6 AA-1101D-TC AD-1101D-T1 AA-5613D-TC AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1,T2

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
RT-11 MDE/T-11 Microcomputer Development Environment	FORTRAN Debugging Technique Reference Manual Microcomputer Processor Handbook DEClab User's Guide to RT-11 RT/FEP for MINC Release Notes Release Notes for RT-11/FEP and RT-11/FRP Microcomputer Interfaces Handbook IBV11-A LSI Instrument Bus User's Guide DEClab-11/MNC User's Guide VT105 User's Guide FEP/RT Installation and User's Guide Introduction to FEP Update Introduction to FEP and FRP RGL/FEP Programmer's Reference Manual Update 1 RGL/11 Programmer's Ref. Man. RT-11/FEP and RT-11/FRP Installation and User's Guide Microcomputer & Memories Handbook MNCTP User's Guide QJA61 12.64.01 AE-P078B-TC Base Operating System: MDE/T-11 User's Guide and Reference Manual RT-11 MDE/T-11 Installation Guide and Release Notes MDE/T-11 Reference Card	AA-H069B-TC EB-15836-18 AA-K015A-TC EB-17723-20 EK-IBV11-UG EK-MNC11-UG EK-VT105-UG V1 10/82 RT-11 V4,V5 AA-M845B-TK AA-N999A-TC AV-M846B-TK	AA-H069C-TC AA-J199A-TC AA-K015B-TC AA-M079A-TC AA-J302A-TC AD-J302A-T1 AA-J302B-TC AA-K783A-TC AD-K783A-T1 EB-20912-20	AA-H069C-TC AA-K015C-TC EB-23144-18 EK-IBV11-UG EK-MNC11-UG AA-J302B-TC AA-M837A-TC AA-M079B-TC EB-20912-20 EK-MNCTP-UG	AA-H069C-TC AA-K015D-TC EB-23144-18 EK-IBV11-UG EK-MNC11-UG AA-M837A-TC AA-M079C-TC EB-20912-20 EK-MNCTP-UG

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
<p>RT²/PDT</p> <p>RT-11/FORTRAN Real-Time Package for MINC (FRP)</p>	<p>QJV33 12.13.2 AE-D889C-TC</p> <p>Base Operating Systems: RT²/PDT V03B Release Notes</p> <p>QJV46 12.63.1 AE-N509B-TC</p> <p>Base Operating System: RT-11 V4 Documentation Kit FORTRAN-4/RT-11 V2.5 Doc. Kit RT-11 V5 Documentation Kit F4/RT-11 V2.6 Documentation Kit Scientific Subroutines Programmer's Reference Man. Update Instrument Bus Subroutines Programmer's Reference Man. Update Laboratory Subroutines Programmer's Reference Man. Update REAL-11MNC FORTRAN Programmer's Reference Manual Updates FORTRAN Debugging Technique Reference Manual Introduction to FEP and FRP Release Notes RT-11/FEP and RT-11/FRP RT-11/FEP and RT-11/FRP Installation and User's Guide Microcomputer Interfaces Handbk Microcomputer and Memories Handbook IBV11-A LSI Instrument Bus User's Manual DECLAB-11/MNC User's Guide (Pre) MNCTP User's Guide</p>	<p>V3B 7/78</p> <p>RT-11 V03B</p> <p>AA-H166B-TC</p> <p>V1 9/82</p> <p>RT-11 V4</p> <p>QJ013-GZ/V4 QJ813-GZ/V2.5</p> <p>AA-1101D-TC</p> <p>AD-1101D-T1 AA-5613C-TC</p> <p>AD-5613C-T1 AA-C984C-TC</p> <p>AD-C984C-T1 AA-D631C-TC</p> <p>AD-D631C-T1, T2 AA-H069C-TC</p> <p>AA-J302B-TC AA-K015C-TC</p> <p>AA-M079B-TC</p> <p>EB-23144-18 EB-20912-20</p> <p>EK-IBV11-UG</p> <p>EK-MNC11-UG EK-MNCTP-UG</p>	<p>V4 5/80</p> <p>RT-11 V4</p> <p>V1.1</p> <p>RT-11 V5</p> <p>QJ013-GZ/V5 QJ813-GZ/V2.6</p> <p>AA-1101D-TC</p> <p>AD-1101D-T1 AA-5613D-TC</p> <p>AA-C984C-TC</p> <p>AD-C984C-T1 AA-D631C-TC</p> <p>AD-D631C-T1, T2 AA-H069C-TC</p> <p>AA-J302B-TC AA-K015D-TC</p> <p>AA-M0779-TC</p> <p>EB-23144-18 EB-20912-20</p> <p>EK-IBV11-UG</p> <p>EK-MNC11-UG EKMNCTP-UG</p>	<p>V5 See RT-11</p>	

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - RT-11			
RTEM-11 (RT-11 Emulator for RT-11 V4)	See SPD 30.21.04 AE-N571E-TK Base Operating Systems: RTEM-11 User's Manual RTEM-11 Installation Guide and Release Notes Update 1	V1 9/82 RT-11 V4 RSX-11M V4 RSX-11M-PLUS V2 VAX/VMS V3,V3.1 AA-N435A-TK AA-N436A-TK	V1.1 4/83 RT-11 V4 RSX-11 V4,V4.1 RSX-11-PLUS V2,V2.1 VAX/VMX V3.2 AA-N435B-TK AA-N426A-TK AA-N436A-T1	V2 1/84 RT-11 V5.1	
SPETS-11 (Single Photon Emission Tomography System)	QJ812 12.56.0 AE-M768A-TC Base Operating System: SPETS Users Guide SPETS Installation Guide SPETS Command Summary Card	V1 3/82 GAMMA-11 F/B V3.1 AA-L918A-TC AA-L919A-TC AV-M328A-TC			
SSP-11/RT-11	QJ960 15.45.10 AE-3413I-TC (QJ962 for RSX) (Requires FORTRAN. See SPD.) Base Operating Systems: Scientific Subroutine Manual Update	V01 3/75 RT-11 V02-01 RT-11 V02B-05 RT-11 V02C D-11-ARSMA-A-D	V1.1 3/78 RT-11 V3 RSX-11M V3.1 AA-1101B-TC	V1.2 6/80 RT-11 V4 RSX-11M V3.2 AA-1101C-TC	V1.3 8/81 RT-11 V4,V5 RSX-11M V4,V4.1 AA-1101D-TC AD-1101D-T1
VTV31-K/RT-11	QJS85 12.62.0 AE-P531A-TC Base Operating System: VTV31-K/RT-11 Device Handler Subroutine Library	V1 11/82 AA-M812A-TC			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - Miscellaneous			
DEctap	See SPD 14.32.02 AE-W877C-TC Inventory System Manager's Guide Inventory System User's Guide Order Processing System Manager Order Processing System User's Reference Manual Sales Analysis System User's Reference Manual Accounts Receivable System Manager's Guide Accounts Receivable System User's Reference Manual General Ledger System Manager's Guide General Ledger System User's Reference Manual Accounts Payable System Manager's Guide Accounts Payable System User's Reference Manual DEctap Accounts Receivable Student Guide DEctap Accounts Payable Student Guide DEctap General Ledger Student Guide DEctap Inventory Student Guide DEctap Tailoring Student Guide DEctap Error Messages Recording Procedures	V1 7/83 AA-R300A-TC AA-R301A-TC AA-R302A-TC AA-R303A-TC AA-R304A-TC AA-R307A-TC AA-R308A-TC AA-R309A-TC AA-R310A-TC AA-R311A-TC AA-R312A-TC AA-R315A-TC AA-R316A-TC AA-R318A-TC AA-R319A-TC AA-R323A-TC AA-R324A-TC	V1.1 12/83		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - Miscellaneous			
MINC/BASIC	See SPD 14.47.09 AE-H170J-TC MINC Release Notes Book 1: Introduction to MINC Book 2: MINC Programming Fundamentals Book 3: MINC Programming Reference Manual Book 4: MINC Graphic Programming Book 5: MINC Instrument Bus Programming Book 6: MINC Lab Module Book 7: Working with MINC Devices Book 8: MINC System Index MINC Summary MINC Applications Package Guide	V1.2 6/80 AA-8258C-TC AA-D799B-TC V1 12/80 MINC/BASIC V1.2 AA-K550A-TC AA-K551A-TC	V2 8/81 AA-8258D-TC AA-D571B-TC AA-D799C-TC AA-D800B-TC AA-D574B-TC AA-D801B-TC AA-D575B-TC AA-D572B-TC AA-D576B-TC AV-H259C-YC AA-H779A-TC	V3 9/82 AA-8258E-TC AA-D571C-TC AA-D799D-TC AA-D800C-TC AA-D574C-TC AA-D801C-TC AA-D575C-TC AA-D572C-TC AA-D576C-TC AV-H259D-TC AA-H779A-TC	V3.1 8/83 AA-8258F-TC AA-D571C-TC AA-D799D-TC AA-D800C-TC AA-D574C-TC AA-D801C-TC AA-D575C-TC AA-D572C-TC AA-D576C-TC AV-H259E-TC AA-H779A-TC
MINC/AP2	QJV42 14.46.0 AE-K672A-TC (See SPD for geographic limitations.) Base Operating System: MINC/AP2 User's Guide MINC/AP2 Programmer's Manual	V1 12/80 MINC/BASIC V1.2 AA-K550A-TC AA-K551A-TC			

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - Miscellaneous			
RSX-11M/ FORTRAN Enhancement Package for MINC (FEP)	QJV43 14.44.04 AE-L762E-TC (Operating system included as part of package) Base Operating System: RSX-11M Documentation Kit PDP-11 FORTRAN 77/RSX Doc Kit FMS-11/RSX Documentation Kit Scientific Subroutine Programmer's Reference Manual Update Laboratory Subroutine Programmer's Reference Manual Update Real-11/MINC FORTRAN Programmer's Reference Manual Update Introduction to FEP Update FEP/RSX Installation and User's Guide RGL/FEP Programmer's Reference Manual Update RSX/FEP for MINC Reference Notes RGL-11 Programmer's Ref.Man. DEClab-11/MINC User's Guide MNCTP User's Guide Microcomputer Interfaces Hdbk Microcomputer & Memories Hdbk	V1 9/81 RSX-11M V4 QJ628-GZ V4 QJ668-GZ V4.1 QJ715-GZ V1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1 AA-J302A-TC AD-J302A-T1 AA-J303B-TC AA-K783A-TC AD-K783A-T1 AA-M055B-TC EK-MNC11-UG EK-MNCTP-UG EB-20175-20 EB-20912-20	V1.1 9/82 RSX-11M V4.1 QJ628-GZ V4.1 QJ715-GZ V1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1, T2 AA-J302B-TC Obsolete AA-J303C-TC AA-M055C-TC AA-M837A-TC EK-MNC11-UG EK-MNCTP-UG EB-23144-18 EB-20912-20	V1.2 6/83 RSX-11 V4.1 QJ628-GZ V4.1 QJ715-GZ V1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1, T2 AA-J302B-TC AA-J303D-TC AA-M055D-TC AA-M837A-TC EK-MNC11-UG EK-MNCTP-UG EB-23144-18 EB-20912-20	

PRODUCT NAME	KIT #	SPD #	PDP-11 Products and Documentation - Miscellaneous			
RSX-11M/FORTRAN Real-Time Package for MINC (FRP)	QJV47	14.74.02 AE-N508C-TC Base Operating System: RSX-11M Documentation Kit PDP-11 F-77/RSX Doc. Kit FMS-11/RSX Documentation Kit Scientific Subroutines Programmer's Reference Man. Update Laboratory Subroutines Programmer's Reference Man. Update 1 REAL-11/MNC FORTRAN Programmer's Reference Man. Updates 1 and 2 Introduction to FEP and FRP RSX-11M/FEP/FRP Installation User's Guide Release Notes RSX-11/FEP RSX-11/FRP Microcomputer Interfaces Handbk Microcomputer and Memories Handbook DECLab/11 MNC User's Guide (Pre) MNCTP User Guide	V1 9/82 RSX-11M V4 QJ628-GZ V4 QJ668-GZ V4.1 QJ715-GZ V1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1, T2 AA-J302B-TC AA-J303C-TC AA-M055C-TC EB-23144-18 EB-20912-20 EK-MNC11-UG EK-MNCTP-UG	V1.1 6/83 RSX-11M V4.1 QJ628-GZ V4.1 QJ668-GZ V4.1 QJ715-GZ V1 AA-1101D-TC AD-1101D-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1, T2 AA-J302B-TC AA-J303D-TC AA-M055D-TC EB-23144-18 EB-20912-20 EK-MNC11-UG EK-MNCTP-UG		
RT-11/FORTRAN Enhancement Package for MINC	QJV32	15.49.5 AE-H171F-TC Base Operating System: RT-11 V4 Documentation Kit F4/RT-11 V2.5 Documentation Kit RT-11 V5 Documentation Kit F4/RT-11 V2.6 Documentation Kit Scientific Subroutine Manual Update Instrument Bus Subroutines Programmer's Reference Manual Update (Continued)	V1.1 6/80 MINC/BASIC V1.2 AA-1101C-TC AA-5613B-TC	V2 8/81 MINC/BASIC V1.2 QJ013-GZ/V4.0 QJ813-GZ/V2.5 AA-1101D-TC AD-1101D-T1 AA-5613C-TC	V2.1 9/82 QJ103-GZ/V4 QJ813-GZ/V2.5 AA-1101D-TC AD-1101D-T1 AA-5613C-TC AD-5613C-T1	V2.2 6/83 QJ013-GZ V5 QJ813-GZ/V2.6 AA-1101D-TC AD-1101D-T1 AA-5613D-TC Obsolete

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - Miscellaneous			
	Laboratory Subroutines Programmer's Reference Manual Update Real-11/MINC Programmer's Manual Updates FORTRAN Debugging Technique Reference Manual Microcomputer Processor Handbook DEClab User's Guide to RT-11 RT/FEP for MINC Release Notes Release Notes for RT-11/FEP and RT-11/FRP Microcomputer Interfaces Handbook IBV11-A LSI Instrument Bus User's Guide DEClab-11/MNC User's Guide (Pre) VT105 User's Guide FEP/RT Installation and User's Guide Introduction to FEP Update Introduction to FEP and FRP RGL/FEP Programmer's Reference Manual Update 1 RGL/11 Programmer's Ref. Man. RT-11/FEP and RT-11/FRP Installation and User's Guide Microcomputer & Memories Handbook MNCTP User's Guide	AA-C984B-TC AA-D631B-TC AA-H069B-TC EB-15836-18 AA-J199A-TC AA-K015A-TC EB-17723-20 EK-IBV11-UG EK-MNC11-UG EK-VT105-UG	AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1 AA-H069C-TC AA-K015B-TC AA-M079A-TC AA-J302A-TC AD-J302A-T1 AA-K783A-TC AD-K783A-T1 EB-20912-20	AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1, T2 AA-H069C-TC AA-K015C-TC EB-23144-18 EK-IBV11-UG EK-MNC11-UG AA-J302B-TC AA-M837A-TC AA-M079B-TC EB-20912-20 EK-MNCTP-UG	AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1, T2 AA-H069C-TC AA-K015D-TC EB-23144-18 EK-IBV11-UG EK-MNC11-UG AA-J302B-TC AA-M837A-TC AA-M079BC-TC EB-20912-20 EK-MNCTP-UG

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - Miscellaneous			
RT-11/FORTRAN Real-Time Package for MINC (FRP)	QJV46 12.63.1 AE-N509B-TC Base Operating System: RT-11 V4 Documentation Kit FORTRAN-4/RT-11 V2.5 Doc. Kit RT-11 V5 Documentation Kit F4/RT-11 V2.6 Documentation Kit Scientific Subroutines Programmer's Reference Man. Update Instrument Bus Subroutines Programmer's Reference Man. Update Laboratory Subroutines Programmer's Reference Man. Update REAL-11MNC FORTRAN Programmer's Reference Manual Updates FORTRAN Debugging Technique Reference Manual Introduction to FEP and FRP Release Notes RT-11/FEP and RT-11/FRP RT-11/FEP and RT-11/FRP Installation and User's Guide Microcomputer Interfaces Handbk Microcomputer and Memories Handbook IBV11-A LSI Instrument Bus User's Manual DECLAB-11/MNC User's Guide (Pre) MNCTP User's Guide	V1 9/82 RT-11 V4 QJ013-GZ/V4 QJ813-GZ/V2.5 AA-1101D-TC AD-1101D-T1 AA-5613C-TC AD-5613C-T1 AA-C984C-TC AD-C984C-T1 AA-D631C-TC AD-D631C-T1, T2 AA-H069C-TC AA-J302B-TC AA-K015C-TC AA-M079B-TC EB-23144-18 EB-20912-20 EK-IBV11-UG EK-MNC11-UG EK-MNCTP-UG	V1.1 6/83 RT-11 V5 QJ013-GZ/V5 QJ813-GZ/V2.6 AA-1101D-TC AD-1101D-T1 AA-5613D-TC Obsolete AA-C984C-TC AD-C984C-T1 AD-D631C-TC AD-D631C-T1, T2 AA-H069C-TC AA-J302B-TC AA-K015D-TC AA-M079C-TC EB-23144-18 EB-20912-20 EK-IBV11-UG EK-MNC11-UG EK-MNCTP-UG		

PRODUCT NAME	KIT # SPD #	PDP-11 Products and Documentation - Miscellaneous			
DSM-11	QJ821 12.18.11 AE-D550L-TC Introduction to DSM DSM-11 Release Notes DSM-11 Language Reference Manual DSM-11 User's Guide DSM-11 Executive Reference Manual DSM-11 V2 Summary Card	V2 1/81 AA-K676A-TK AA-5461D-TC AA-H797A-TC AA-H799A-TC AA-J701A-TC AV-H798A-TC	V2.1 2/82 AA-K676A-TK AA-5461D-TC AA-H797A-TC AA-H799A-TC AA-J701A-TC AV-H798A-TC	V2.2 11/82 AA-K676A-TL AA-5461E-TC AA-H797A-TC AA-H799A-TC AA-J701A-TC AV-H798A-TC	V3 1/84 AA-K676B-TL AA-5461F-TC AA-H797B-TC AA-H799B-TC AA-J701A-TC AV-H798B-TC
V7M-11	See SPD 16.51.01 AE-X370b-TC Base Operating System: V7M-11 V1 Release Notes V7M-11 Installation Guide V7M-11 Software Technical Description V7M-11 System Management Guide V7M-11 Programmer's Manual Volume 1 V7M-11 Programmer's Manual Volume 2A V7M-11 Programmer's Manual Volume 2B V7M-11 Programmer's Guide	V1 10/83 RSX-11 V4.1 AA-X340A-TC AA-X341A-TC AA-X342A-TC AA-X343A-TC AA-X344A-TC AA-X345A-TC AA-X346A-TC AA-X797B-TC			

HARDWARE ITEM	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX/ V1	IAS V3.1	RSTS/E V8	Micro/ RSTS/ V1	DSM-11 V3
CPUs										
11/04, 11/05, 11/10, 11/15, and 11/20	X	X	X		X		-	-		-
11/23	X	X	X		X			-		X
11/23+	X	X	X	X	X			X		X
11/24	X	X	X	X	X			X ⁶		X
11/34, 11/34A	X	X	X		X		X	X		X
11/35, 11/40	X	X	X		X		X	X		X
11/44	X	X	X	X	X		X	X		X
11/45, 11/50, 11/55	X	X	X		X		X	X		X ³
11/60	X ⁵	X ⁵	X ⁵		X ⁵		X ^{4,5}	X		X
11/70	-	-	X	X	X		X	X		X
LSI-11/73	X		X	X	X					
LSI-11 (11/03)	X	X			X		-	-		-
SBC11-21	X									
SBC11-21 PLUS	X									
Micro PDP-11		X	X ²	X ²	X	X		X	X	

- 2 Requires RL02 subsystem for software distribution.
3 Requires EIS and memory management.
4 Supported as PDP-11/40.
5 No W.C.S support for hardware error logs.
6 Uses KT13 m.m.u. (memory management unit),
bringing address space to 4MB.

HARDWARE ITEM	SUPPORTING SYSTEMS												
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3			
CPU OPTIONS													
KT11-D Memory Management for 11/40	X	X	X		X		X	X ⁸		X			
KT-11C Memory Management for 11/45	X	X	X		X		X	X ⁸		X			
KT24 PAX option for 11/24			X	X	X			X		X			
KE11-A or KE11-B EAE	X ^{1,2}	X	X		X		-	-		-			
KE11-E EIS (11/40)	X	X	X		X		X ³	X ³		X			
KE11-F FIS (11/40)	X ^{2,5}	-	X		X		X	X ⁷		-			
FP11-A Floating Point Unit (11/34A)	X	-	X		X		X	X		-			
FP11-B Floating Point Unit (11/45)	X	-	X		X		X	X		-			
FP11-C Floating Point Unit (11/55, 11/70)	X	-	X	X	X		X	X		-			
Parity Memory	X	X	X	X	X		X	X ⁴	X	X			
11/70 Cache Parity	-	-	X	X	X		X	X		X			
ECC Memory	-	-	X	X	X		X	X		X			
KK11-A cache memory (11/34A)	X	X	X		X		X	X		X			
KE44-1 CIS (11/44)	X	X	X	X	X			X		-			
KEF11-AA FPP for 11/23, 11/24, and Micro/PDP-11	X	X	X	X	X	X		X	X	-			
KEF11-BB CIS for 11/23, 11/23+, and Micro/PDP-11		X				X		X	X				
FPP-11 for 11/23+, 11/24, and Micro/PDP-11			X	X	X	X		X	X	-			
1 BASIC and MU BASIC.					5 MU BASIC only.								
2 FORTRAN.													
3 EIS is required.					7 Not supported with 4-word FP variables.								
4 Parity memory is required.					8 Required.								

HARDWARE ITEM	SUPPORTING SYSTEMS										
	RT-11	CTS-	RSX-	RSX-	RSX-	Micro/	IAS	RSTS/E	Micro/	DSM-11	
	V5.1	300 V8	11M V4.1	11M+ V2.1	11S V4.1	RSX V1	V3.1	V8	V1	V3	
CLOCKS											
KW11-L Line Clock	X	X	X	X	X		X	X		X	
KW11-P Programmable Clock	X	X	X	X	X		X	X		X	
KW11-Y Watchdog Timer	-	-	X	-	X			-		X	
DL11-W Line Clock with Serial Line	X	X	X	X	X		X	X		X	
DISKS											
RF11/RS11 512K byte Fixed-head Disk Drive	X ⁴	-	X	-	X		X	X ²		-	
RK11/RK05 2.4-million byte moving-head DECpack	X	X	X	X	X		X	X ³		X	
RK11/RK05F 4.8-million byte moving-head fixed-media Disk	X	X	X	X	X		X	X ³		X	
RP11C/RPR02 20-million byte moving-head DiskPack	-	X	X	-	X		X	X		-	
RP11C/RP03 40-million byte moving-head DiskPack	-	-	X	-	X		X	X		-	
RJS03 (RWS03) 512K-byte Fixed-head Disk, 4μs or 8μs or 2μs.	-	-	X	X	X		X	X ²		-	
RJS04 (RWS04) 1024K-byte Fixed-head Disk, 4μs.	-	-	X	X	X		X	X ²		-	
<p>2 Upgrade from V7.0 only; support ceases October 1983.</p> <p>3 Supported as data device; supported as system disk until October 1983 upgraded from V7.0 only.</p> <p>4 Handler distributed but not supported.</p>											

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11	CTS-	RSX-	RSX-	RSX-	Micro/	IAS	RSTS/E	Micro/	DSM-11				
	V5.1	V8	V4.1	V2.1	V4.1	RSX V1	V3.1	V8	RSTS V1	V3				
DISKS (Continued)														
RJP04 (RWP04)	88M-byte Disk Pack Moving-head	-	-	X	X	X		X	X					X
RJP05 (RWP05)	88-million-byte Disk Pack moving head	-	-	X	X	X		X	X					X
RJP06 (RWP06)	180-million-byte Disk Pack moving head	-	-	X	X	X		X	X					X
RK611/RK06	14-million-byte moving-head Disk Cartridge	X	X	X	X	X		X	X					X
RK711/RK07	28-million-byte Disk Cartridge	X	X	X	X	X		X	X					X
RL11/RL01	5-million-byte Disk Cartridge	X	X	X	X	X		X	X					X
RL11/RL02	10-million-byte Disk Cartridge	X	X	X	X	X		X	X					X
RLV11/RL01 or RL02	Disk Cartridge	X	X	X		X			-					X
RLV12/RL02	10-million-byte disk Cartridge	X	X	X	X	X	X		X	X				X
RM02	67-million-byte, Disk Pack	-	-	X	X	X		X	X					X
RM03	67-million-byte, Disk Pack	-	-	X	X	X		X	X					X
RM05	256-million byte Disk Cartridge		-	X	X	X		X	X					X
RM80	124-million-byte fixed disk			X	X	X		X	X					-

HARDWARE ITEM	SUPPORTING SYSTEMS														
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3					
DISKS (Continued)															
RP11E/RPR02 20M-byte Disk Pack functional equivalent to RP11C/RP02	-	X	X	-	X		X	X							
RX11/RX01 Diskette ² 256K byte	X	X	X	X	X		X	X ¹							
RX211/RX02 Diskette ² 512K byte	X	X	X	X	X		X	X ¹							
RXV21/RX02 Diskette ² 512K byte	X	X	X	X	X	X			X						
ML11 "Solid-state disk"			X	X	X										
RA80 121-million-byte fixed disk	X ³	X ³	X	X	X			X							
RX50	X	X	X	X	X	X		X	X						
RD51	X	X	X	X	X	X		X	X						
RA81			X	X	X			X							
RA60			X	X	X			X							
<p>1 Not RSTS/E format. 2 Floppy. 3 Two drives per controller, only.</p>															

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
TAPES														
TC11/TU56 Dual DECTape Transport	X	X	X	X	X		X	X		-				
TA11/TE60 Cassette	X	X	X	-	X		X	-		-				
TMB11/TE10 7/9-channel Tape Transport, 45 in/sec, 800 bits/in	X	X	X	X	X		X	X ¹		X				
TU10/TU10W 7/9-channel Tape Transport, 45 in/sec, 800 bits/in			X	X	X		X	X ¹		-				
PC11 300 chars/sec Paper-tape Reader, plus 50 chars/sec Paper-tape Punch	X	X	X	X	X		X	X		-				
PR11 300 chars/sec Paper-tape Reader	X	X	X	X	X		X			-				
TJE16 (TWE16) 9-channel magnetic tape, 45 in/sec, 800 bits/in (NRZI), 1600 bits/in (PE)	X	X	X	X	X		X	X		X				
TU16 9-channel magnetic tape, 45 in/sec, 800 bits/in (NRZI), 1600 bits/in (PE)			X	X	X		X	X		-				
TMA11/TS03 7/9-channel, 800 bits/in, 12-1/2 in/sec	X	X	X	-	X		X	X ¹		X				
(Continued)														
1 9-track only.														

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
TAPES (Continued)														
TU77	800/1600 bits/in magnetic tape	-	-	X	X	X		X	X					X
TS11	1600 bits/in magnetic tape	X	X	X	X	X		-	X					X
TU58	DECtape II Cartridge	X	X	X	X	X	X	X	X ^{1,7,8}					X
TM03	Formatter	-	-	X	X	X		X	X					X
TSV05	9-track magnetic tape 1600 bits/in (PE) 25 in/sec 100 in/sec	X ₃ X ³	-	X ²	X ²	X ²	X ²	-	X ²		X ²	X ²		X
TU80		X							X ²					X

- 1 Not RSTS/E format.
2 Only as a TS11 compatible device at 25KS start-stop.
3 Disk Image backup only.
7 Not supported as a user device during time sharing.
8 Only on systems upgrading to V8 from V7.2. Support ceases January 1984.

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
LINE PRINTERS														
LP11-F 300-line/min, 80 col, 64 char	X	X	X	X	X		X	X	X	X				
LP11-H 300-line/min, 80 col, 96 char	X	X	X	X	X		X	X	X	X				
LP11-J 300-line/min, 132 col, 64 char	X	X	X	X	X		X	X	X	X				
LP11-K 300-line/min, 132 col, 96 char	X	X	X	X	X		X	X	X	X				
LP11-V Replacement for LP11-F, J	X	X	X	X	X		X	X	X	X				
LP11-W Replacement for LP11-H, K	X	X	X	X	X		X	X		X				
LS11 Centronix Line Printer	X	X	X	X	X		X			-				
LV11			X ²	X ²	X ²		X							
LP11-A	X		X	X	X		X		X					
LP11-B	X		X	X	X		X	X	X					
LP11-EA	X		X	X	X		X	X	X					
LP11-EB	X		X	X	X		X	X	X					
LP11-G	X		X	X	X		X	X	X					
LP11-Y	X		X	X	X		X	X	X					
LP11-Z	X		X	X	X		X	X	X					
(Continued)														
2 No plotter support.														

HARDWARE ITEM	SUPPORTING SYSTEMS														
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3					
LINE PRINTERS (Continued)															
LP25			X	X	X	X	X	X	X						
LP26			X	X	X	X	X	X	X						
LP27			X	X	X		X	X	X						
LN01			X	X	X			X	X						
SERIAL PRINTERS															
LA11-PA	LA180; 180 chars/sec; 132 columns	X	X	X	X	X		X	X	X	X				
LA180-CA	LA180 with 20' mA serial interface	X	X	X	X	X		X	X	X	X				
LA180-EA	LA180 with EIA serial interface	X	X	X	X	X		X	X	X	X				
LXY12	300 lines/minute	X	X	X	X	X		X	X	X	X				
LXY22	600 lines/minute	X	X	X	X	X		X	X	X	X				
LP27	1200 lines/minute	-	-	X	X	-		X	X	X	X				
LA50	Personal Printer			X	X	X	X		X	X	X				
LQP02	Letter Quality Prtr			X	X	X	X			X	X				

HARDWARE ITEM	SUPPORTING SYSTEMS												
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3			
CARD READERS													
CM11-F 200 cards/min, for 80-column marked cards	X	X	X	X	X		X	X	-				
CR11 300 cards/min for 80-column punched cards	X	X	X	X	X		X	X	-				
CD11-A 1000 cards/min for 80-column punched cards	-	-	-	-	-		X	X	-				
CD11-E 1200 cards/min 80-column punched cards	-	-	-	-	-		X	X	-				

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
TERMINALS														
GT40	Graphic terminal (11/10+VT11 on host system)	X	-	-	-	-		-	-					
LA12				X	X	X	X		X	X	X			
LA30-C	Serial DECwriter hard-copy terminal (300 baud)	X	X	X	X	X		X	-	-	-			
LA30-P	Parallel DECwriter hard-copy terminal	X	X	X	X	X		X	-		X			
LA34		X	X	X	X	X		X	X	X	X			
LA35	LA36 without keyboard	X	X	X	X	X		X	X		X			
LA36	Serial DECwriter II 132-col, upper/lower-case	X	X	X	X	X		X	X		X			
LA37	Serial DECwriter II with APL alternate character set and key caps	X	-	-	-	-		X	X		-			
LA38		X	X	X	X	X		X	X	X	X			
LA100			X				X		X	X	X			
LA120		X	X	X	X	X	X	X	X	X	X			
LS120 ¹	Serial DECwriter III 1200 baud; 132 columns, upper/lower-case	X	X	-	-	-		X	X		X			
LT33-C	KSR-33 hard-copy terminal without paper-tape reader/ punch	X	-	X	X	X		X	-		-			

¹ Operating system support undefined; check with
Terminals Engineering Product Management.

HARDWARE ITEM	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
TERMINALS (Continued)										
LT33-D ASR-33 hard-copy terminal with papertape reader punch (no binary)	X ⁶	-	X ⁷	-	X ⁷		X	-		-
LT35-C KSR-35 hard-copy terminal without papertape reader/punch	X	-	X	-	X		X	-		-
LT35-D ASR-35 hard-copy terminal with papertape reader punch (no binary)	X ⁶	-	X ⁷	-	X ⁷		X	-		-
RT02-B Keyboard input, 32-position display	-	-	X ¹	X ¹	X ¹		-			-
RT02-C Badge Reader, 16-key input, 32-position display	-	-	X ¹	X ¹	X ¹		-			-
VT05B Alphanumeric CRT 150-2400 baud	X	X	X	-	X		X	-		X
VT11 Graphic Device	X	-	-	-	-		-	-		-
VT50 Alphanumeric CRT up to 9600 baud, hard copy, 80 chars x 12 lines	X	X	X	-	X		X	-		X
VT52 Alphanumeric CRT up to 9600 baud, std keyboard plus 19-key pad, 80 chars x 24 lines	X	X	X	X	X		X	X	X	X
<p>1 Not to be used as console terminal. 6 Reader/punch support in MU BASIC-11/RT-11 only. 7 No reader/punch support.</p>										

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
TERMINALS (Continued)														
VT55 Graphics Terminal	X	X	X ²	X ²	X ²		X	X		X				
VT100 EIA 1920-char. Video Terminal, 19.2K baud	X	X	X	X	X	X	X	X	X	X				
VT101, VT102	X	X	X	X	X	X	X	X	X	X				
VT105 Graphics Terminal	X ²	X ²	X ²	X ²	X ²		X	-						
VT125 Graphics Terminal	X	X	X	X	X	X	X	X ³	X ³	X				
VT131			X ⁴	X ⁴	X ⁴	X ⁴	X	X ⁴	X ⁴					
VS11 Graphics Terminal	-	-	X	-	X		-	-						
RT100 Ruggedized VT100	X	X	X	X	X	X	X	X	X	X				
RT102 Ruggedized VT102	X	X	X	X	X	X		X	X	X				
RT103 Ruggedized VT103														
RT037 Bar Code Display Term.	X	X	X	X	X		X	X	X	X				
RT137 Bar Code Terminal	X	X	X	X	X		X	X	X	X				
RT701 Bar Code Reader	X		X	X				X						
APL Video Terminal	X	X					X	X	X	X				
VT220			X	X	X	X		X	X					
VT240			X	X	X	X		X	X					
VT241			X	X	X	X		X	X					
<p>2 Graphics support is available from the DECUS Library.</p> <p>3 VT100 ANSII mode only.</p> <p>4 Not supported for block mode transfers.</p>														

HARDWARE ITEM	SUPPORTING SYSTEMS												
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3			
COMMUNICATIONS INTERFACE¹													
(Asynchronous)													
DL11	single line interface												
-A	20 ma, 8-bit, 2 stop bits												
-B	EIA RS232C 8-bit, 2 stop bits												
-C	20 ma, selectable byte and stop bits												
-D	EIA RS232C, selectable byte and stop bits												
-E	Modem controlling EIA RS232C serial line interface												
DC11	single line interface, programmable line speeds and options												
DFT11-AB	cluster controller for PDT												
DJ11	16-line multiplexer, switch selectable speeds and options												
DH11	16-line multiplexer, programmable speeds and options												
DZ11	8-line multiplexer, switch selectable speeds and options												
¹ See also Section 6, Networks and Communications. ² Message-oriented communication and as terminal interface. ³ Including DMA output.													

HARDWARE ITEM	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
COMMUNICATIONS INTERFACE¹ (Asynchronous) (Cont)										
DM11 Adapters for DH11-AA,AC										
-BB 16-line dataset control	-	-	X	X	X		X	X		X
-DA 4 current loop lines	-	-	X	X	X		X	X		X
-DB 4 EIA/CC ITT lines	-	-	X	X	X		X	X		X
-DC 4 EIA/CC ITT lines with data set control	-	-	X	X	X		X	X		X
DN11 Auto Dial Unit	-	-	-	-	-		-	X ²		X
DLV11-E single line interface for the LSI-11 family	X	X	X ³	X	X ³	X	-	-	X	X
DW11/DLV11-F single line interface			X	X	X	X			X	
DLV11-J 4 serial line peripheral interface	X	X	X	X	X			-		X
DZV11 4-line multiplexor	X	X	X	X	X	X		X	X	X
DHV11 8-line multiplexor						X		X	X	
DHU11 16-line multiplexor								X		
DECmux 8-line Terminal Concentrator	-	-	X	X	X	X	-	-	X	-
DFM Intelligent Communica- tions Interface	-	-	X	X	-		-	-		-
FEPCM Front-end Processor	-	-	-	-	X	-	-	-		-
¹ See also Section 6, Networks and Communications. ² Available from CSS. ³ Message-oriented communication and as terminal interface.										

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
COMMUNICATIONS INTERFACE¹ (Synchronous)														
DP11 single line programmable sync and character														
-DA 6-, 7-, 8-bit chars, 201 datasets	-	X ³	X	-	X			X ⁵		-				
DU11-DA single line, programmable sync and character size, up to 10K baud	-	X ³	X	-	X		X	X ⁵		-				
KG11-A Communications Arithmetic Element	-	-	-	-	-			X ⁵		-				
DQ11-D Single line, DMA, speeds to 10K baud. Series 200 datasets.	-	-	X	-	X		-	-		-				
DMC11 single line, DMA, DDCMP protocol in firmware, speeds to 1M baud	X ⁴	-	X	X	X		-	X		X				
DMR	X ⁴	X	X	X	X		X ²	X		X				
DUP11	X ⁴	X ³	X	X	X			X ^{5,6}		X				
DUV11 single line, programmable interface for LSI only	X ⁴	X ³	X	-	X		-	-		X				
KMV11-A single line, programmable interface for LSI only	-	-	X	X	X		-	-		-				
KMS11-BD/BE Multiline communication interface	-	-	X	X	-		-	-		-				
DMV11								X						
<p>1 See also Section 6, Networks and Communications. 6 With RSTS/E 3271.</p> <p>2 In DMC mode only in V7.0.</p> <p>3 With CTS-300 RDCP 2780/3780 software.</p> <p>4 With DECnet/RT software</p> <p>5 With RSTS/E RJ2780 V3.</p>														

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
PROCESS I/O														
AD01-D High Speed A/D subsystem	-	-	X	-	X		X	-		-				
AFC11 Low Speed A/D subsystem	-	-	X	-	X		X	-		-				
LPS11 Lab Peripheral System -LPSAD-12 A/D for up to 64 fixed gain channels (LPSAM, LPS11-E, LPSAM-E)	X ¹	-	X	-	X		-	-		-				
LPSAM-SG A/D conversion for up to 16 switched gain channels	X ¹	-	X	-	X		-	-		-				
LPSKW Real Time Clock ² with Schmitt triggers	X ¹	-	X	-	X		-	-		-				
LPSVC D/A Conversion for up to 10 channels (LPS11-E, LPSDA)	X ¹	-	X	-	X		-	-		-				
LPSDR-A Digital I/O	X ¹	-	X	-	X		-	-		-				
LPSAD-NP A/D via DMA	X ¹	-	-	-	-		-	-		-				
LPSSH Dual channel Sample and Hold	X ¹	-	-	-	-		-	-		-				
AR11 Lab Peripheral Subsystem	X ¹	-	X	-	X		-	-		-				
UDC11 Universal Digital I/O Subsystem	-	-	X	-	X		X ³	-		-				
ICS11 Universal Digital I/O Subsystem	-	-	X	-	X		-	-		-				
IP11 Process Control Subsystem			X	X	X									
¹ FORTRAN. ² Required for support of LPS11 on all systems. ³ Deferred interrupt not supported.														

HARDWARE ITEM	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
PROCESS I/O (Continued)										
Laboratory Options										
AD11-K A/D Converter with 16-channel multiplexer	X ²	-	X	X	X		-	-		-
AM11-K 48-channel A/D multiplexer with gain ranging	X ²	-	X	X	X		-	-		-
AA11-K 4-channel D/A converter	X ²	-	X	X	X		-	-		-
DR11-K Digital I/O option	X ²	-	X	X	X		-	-		-
KW11-K Dual real time clock with Schmitt triggers	X ²	-	X	X	X		-	-		-
ADK11-KT A/D converter with 16-channel multiplexer			X	X	X					
AAV11-A Q-bus R/T option			X	X	X					
ADV11-A Q-bus R/T option			X	X	X					
KWV11-A Q-bus R/T option			X	X	X					
DRV11 Q-bus R/T option			X	X	X					
ICR11 Remote Universal Digital I/O subsystem	-	-	X	-	X		X	-		-
DRS11 Industrial control system module	-	-	X	-	X			-		-
DSS11 Industrial control system module	-	-	X	-	X			-		-
2 FORTRAN.										

HARDWARE ITEM	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
PROCESS I/O (Continued))										
LP11-K Laboratory Peripheral Accelerator	-	-	X	X	X		-	-		-
CMR01 Compact Micro Remote System	-	-	X		X		-	-		-
IEC11 Bus Interface	X	-	X	X	-		-	-		-
DRU11 Alternate Buffer DMA Interface	-	-	X	-	-		-	-		-
IEU11 Bus Interface	-	-	X	X	-		-	-		-
IEQ11 IEEE-488 Interface	X	-	X	X	-		-	-		-
CMR21 Compact Micro Remote System			X	X						
CMR11/CMV11 Compact Micro Remote System				X			X			

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
MISCELLANEOUS														
BM792-YA Paper tape Bootstrap Loader	X	-	-	-	-		-	-		-				
BM792-YB Bulk Bootstrap Loader	X	X	X	X	X		X	X		X				
BM792-YL Diskette Bootstrap	X	X	-	-	X		-	-		-				
BM792-YH Cassette Bootstrap	X	-	-	-	X		-	-		-				
BM873-YA General Bootstrap for all non-MASSBUS devices	X	X	X	X	X		X	X		X				
BM873-YB General Bootstrap includes MASSBUS devices and unit select	X	X	X	X	X		X	X		X				
M9301-YA General Bootstrap for all non-MASSBUS devices (no RK06)	X	X	X	X	X		X	X		X				
M9301-YB General Bootstrap includes MASSBUS device and unit select (no RK06)	X	X	X	X	X		X	X		X				
M9301-YF General Bootstrap includes MASSBUS devices and RK06	X	X	X	X	X		X	X		X				
M9312			X	X	X		X	X		X				
MR11-DB Multidevice Bulk Storage Bootstrap Loader	X	X	X	X	X		X	X		X				

HARDWARE ITEM	SUPPORTING SYSTEMS														
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3					
COMPUTER SPECIAL SYSTEMS¹ (CSS) Special Options															
COLOR GRAPHICS															
VS11 UNIBUS Raster Graphics	-	-	X	-	X		-	-		-					
VSV11 Q-BUS Raster Graphics	-	-	X	-	X		-	-		-					
PRINTERS AND PLOTTERS															
LXY12 300 lines/minute	X	X	X	X	X		X	X		-					
LXY22 600 lines/minute	X	X	X	X	X		X	X		-					
LP27 1200 lines/minute	-	-	X	X	-		X	x		-					
MULTIPROCESSORS															
DT07 UNIBUS Switch		-	X	X											
PCL11-B Multiple CPU Link		-	X	X	X					-					
<p>¹ CSS options are not necessarily bundled as part of a software release. Check availability of support with CSS.</p>															

HARDWARE ITEM	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
COMPUTER SPECIAL SYSTEMS¹ (Cont) (CSS) Special Options										
TERMINALS										
RT100 Industrial Terminal	X	X	X	X	X	X	X	X	X	X
RT102 Industrial Terminal	X	X	X	X	X	X	-	X	X	X
RT103 Intelligent Industrial										
RT137 Bar Code Terminal	X	X	X	X	X		X	X		X
RT037 Bar Code Display Terminal	X	X	X	X	X		X	X		X
INPUT/OUTPUT										
DRS11 Digital Output Option		-	X		X					
DSS Digital Input Option		-	X		X					
CMR01 Compact Micro Remote System				X			X			
CMR21 Compact Micro Remote System			X	X						
CMR11/CMV11 Compact Micro System				X			X			
IEQ11 IEEE.488 Interface	X	-	X	X	-		-	-		-
IEC11 Bus Interface	X	-	X	X	-		-	-		-
IEU11 Bus Interface			X	X						
DRU11 Alternate Buffer DMA Interface	-	-	X	X	-		-	-		-
¹ CSS options are not necessarily handled as part of a software release. Check availability of support with CSS.										

HARDWARE ITEM	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
COMPUTER SPECIAL SYSTEMS¹ (Cont) (CSS) Special Options										
TAPES										
TSV05 Magtape System 25 ips	X ²	-	X	X	X	X	-	X	X	X
100 ips	X ²	-	-	-	-	-	-	-	-	X
STATISTICAL MULTIPLEXERS										
DECmux (DZS11) Terminal Concentrator	-	-	X	X	X	X	-	X	X	-
DFM Intelligent Communica- tions Processor			X	X						
COMMUNICATIONS										
KMS11-BD/BE Multiline Comm. Controller			X	X						
KMV11-A QBUS Single Line Comm. Controller	-	-	X	X	X		-	-		-
<p>1 CSS options are not necessarily handled as part of a software release. Check availability of support with CSS.</p> <p>2 Disk Image Backup Only.</p>										

HARDWARE ITEM	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
DISTRIBUTION MEDIA														
Magnetic tape - 7-channel	-	-	-	-	-		-	-		X				
Magnetic tape - 9-channel, 800 bits/inch (NRZI)	X	-	X	X	X		X	X		X				
Magnetic tape - 9-channel, 1600 bits/inch	-	-	X	X	X			X		X				
RK05 (disk) Cartridge	X	X	-	-	-		X			X				
RK06 (disk) Cartridge	-	X	X	-	X		X			X				
RK07 (disk) Cartridge	-	X	X	X	X			X		X				
RL01 (disk) Cartridge	X	X	X	-	X		X			X				
RL02 (disk) Cartridge	X	X	X	X ²	X		X	X		X				
RX01 (diskette)	X	-	-	-	-		-	-		-				
RX02 (diskette)	X	X	-	-	-		-	-		-				
Microfiche for source listings	X	-	X	X		X		X	X	X				
RX50 (diskette)	X					X		-	X ²	X				
2 Pregenerated software. Does not include Sysgen capability.														

SYSTEM PROGRAMS AND UTILITIES	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
LAYERED PRODUCTS										
SORT-11		X ⁵	X ¹	X ¹	-		X	X	X	-
RUNOFF - Text Preparation	X ³	-	X ³	X ³	-		X ⁴	X		-
TECO - Character-oriented Editor	X ⁴	X ⁴	X ³	X ³	-		X ⁴	X ⁴		-
SRD - Sort Directory Utility	X ⁶	X ⁶	X ³	X ³	-		X ^{4,7}	-		-
2780 Support Option	X	X	X	X	-		X	X		X
3271 Support Option		-	X	X				X		X
3780 Support	-	X	X	X				X		X
HASP Work Station	-	-	X ⁸	X ⁸	-		X ⁸	-		-
DECnet Support	X	X	X	X	X		X	X		-
MUX200/RSX	-	-	X	-	-		X	-		-
UN1004/RSX	-	-	X	-	-		-	-		-

1 Available as a separate product at extra cost. 6 Called DIR.

2 Bundled in V7.0 and V7.1. 7 Distributed with IAS V2 and V3/

3 Available through DECUS. 8 Available from CSS.

4 Distributed with kit but not supported.

5 CTS-300 has its own MACRO-11 SORT Utility.

SYSTEM PROGRAMS AND UTILITIES	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
BUNDLED PRODUCTS										
LINKER	X	X	X	X	-	X	X	X	X ¹²	-
Overlay Capability	X	X	X	X	-	X	X	X	X ¹²	-
CREF	X	X	X	X	-	X ³	X	X	X ¹²	-
SYSGEN	X	X	X	X	X		X	X		X
File Manipulation: PIP	X	X	X	X	-	X	X	X	X	-
Librarian	X	X	X	X	-	X ³	X	X	X ¹²	-
Debugging: ODT	X	X	X	X	X	X	X	X	X ¹²	X
File Compare: Source (ASCII)	X	X	X	X	-	X	X	X	X	X
Data (binary)	X	X	-	-	-		-	-		X
Accounting routines	-	-	-	X	-	X	X	X	X	-
VFY - Disk Structure Verification Program	X ⁶	X ⁶	X	X	-	X ³	X	X ²	X ²	X
VERIFY	X ⁶	X ⁶	-	-	-			-		X
DMP - File/Volume Dump Utility	X	X	X	X	-	X ³	X	-		X
ZAP - Task Image Patch Utility	X ⁸	X ⁸	X	X	-	X	X	X ⁹	X ^{9,12}	X
FLX - File Exchange Program	X ⁴	X ⁴	X	X		X ³	X	X ⁵		X
BAD - Disk Bad Block Locator	X ⁶	X ⁶	X	X		X	X	X ⁷	X ⁷	X
PAT - Object Module Patch	X	X	X	X	-		X	X	X ¹²	X
FMT - Online Disk Format Utility	X ¹	X ¹	X	X			X	X ¹¹	X ¹¹	X
IOX - I/O Exerciser	-	-	X	X	-	X	X	X ¹⁰	X ¹³	
<p>1 Called FORMAT. 2 Called REBUILD. 3 In Advanced Programmer's Kit. 4 Called FILEX. 5 Called FIT.</p> <p>6 Called DUP. 7 Called DSKINT 8 Called SIPP. 9 Called ONLPAT. 10 Called DEVTST package.</p> <p>11 Stand-alone only. 12 In applications development kit. 13 Called ICP.</p>										

SYSTEM PROGRAMS AND UTILITIES	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
BUNDLED PRODUCTS (Cont)														
<u>Mass Storage Backup Utilities</u>														
PRE - On-Line Volume Backup Utility	-	-	-	-	-		X	-					X	
PRESRV - Standalone Volume Backup Utility	-	-	-	-	-		X	-					X	
DSC - Disk Save and Compress Program Utility	X ¹	X ¹	X	X	-		X	-					X	
SAVRES - Disk Volume Save/Restore Utility	-	-	-	-	-		-	X	X				X	
BACKUP - File Preservation and Recall Utility	-	-	-	-	-		-	X	X				X	
COPY - Volume Copy and Verification Program	X ⁵	X ⁵	-	-	-		-	X					X	
SMBU - Standard MUMPS Backup and Restore	-	-	-	-	-		-	-					X ²	
BRU - Backup/Restore Utility	-	-	X	X	-	X	X	-					X	
BUP - Backup Utility Program	X	X												
<u>Editors</u>														
EDI - Line Editor	-	-	X	X	-		X	-					X	
EDT - DEC Standard Editor	-	-	X	X	-	X	X	X	X				-	
KED - Keypad Editor	X	X	X ⁷	X ⁷	-		X						-	
DKED - DIBOL multiuser Keypad Editor	-	X	-	-	-	-	-	-					-	
SLP - Source Language Input Program	X	X	X	X	-		X	-					-	
<p>1 Called DUP compress only. 2 Version 1 only. 5 Called DUP.</p> <p>7 Available at extra cost.</p>														

LANGUAGES AND DATA SERVICES	SUPPORTING SYSTEMS																			
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3										
LAYERED PRODUCTS																				
BASIC																				
BASIC-PLUS	-	-	-	-	-	-	-	X	X ¹	-										
BASIC-11	X ¹	X ¹	-	-	-	-	-	-	-	-										
MU BASIC-11 (multiuser)	X ¹	X ¹	-	-	-	-	-	-	-	-										
BASIC-PLUS-2	-	-	X ¹	X ¹	X ³	X ¹	X ¹	X ¹	X ¹	X ¹	-									
PDP-11 COBOL	-	-	X ¹	X ¹	-	-	X ¹	X ¹	X ¹	X ¹	-									
COBOL-81	-	-	X ¹	X ¹	-	X ¹	-	X ¹	X ¹	X ¹	-									
CORAL-66	-	-	X ¹	X ¹	OTS ¹	-	X	-	-	-	-									
DECAL	-	-	-	-	-	-	-	X ¹	X ¹	X ¹	-									
DIBOL	X ⁴	X ¹	-	X	-	X ¹	-	X	X ¹	X ¹	-									
FORTRAN																				
FORTRAN IV	X ¹	X ¹	X ¹	X ¹	X ³	-	X ¹	X ¹	X ¹	X ¹	-									
FORTRAN-77			X ¹	X ¹	X ³	X ¹	X ¹	X ¹	X ¹	X ¹	-									
FORTRAN-77 DEBUG			X ¹	X ¹	-	X ¹	-	X ¹	X ¹	X ¹	-									
GIGI																				
PLXY-11							X													
PASCAL																				
			X ¹	X ¹		X ¹														
<p>1 Supported under separate license. 3 No compiler (interpreter) support; executes run-time systems. 4 Via CTS-300.</p>																				

LANGUAGES AND DATA SERVICES	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
LAYERED PRODUCTS (Continued)										
<u>File/Record Management</u>										
DBMS-11	-	-	X ¹	X ¹	-		X ¹	-		-
DMS-11		X								
DATATRIEVE			X ¹	X ¹			X	X ¹	X	
DECWORD/DP								X ¹	X ¹	
ADE	-	-	-	-	-		-	X ¹	X ¹	-
<u>Video Forms Management</u>										
FMS-11	X ¹	-	X ¹	X ¹	X ³		X ¹	X ¹	X ¹	-
INDENT	-	-	-	-	-		-	X ¹	X ¹	-
<u>Accounting</u>										
DIBS-11:										
Payroll		X						X ¹	X ¹	
Accounts Receivable		X						X ¹	X ¹	
Accounts Payable		X						X ¹	X ¹	
Invoicing		X						X ¹	X ¹	
Inventory Control		X						X ¹	X ¹	
General Ledger		X						X ¹	X ¹	
<u>Reporting</u>										
QUILL (Query and Report Writer)		X								
BUNDLED PRODUCTS										
MACRO-11	X	X	X	X	-	X ²	X	X		-
DIGITAL STANDARD MUMPS	-	-	-	-	-			-		X ¹
RMS-11K	-	-	X	X	-	X	X	X	X ¹	
<p>1 Supported under separate license. 2 In Advanced Programmer's Kit. 3 No compiler (interpreter) support; executes run-time systems.</p>										

SYSTEM FEATURES	SUPPORTING SYSTEMS									
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3
Single User	X	X	X	X	X	X	X	X	X	X
Interactive Mode	X	X	X	X	X	X	X	X	X	X
BATCH Mode	X	X	X ¹	X	-	X	X	X	-	X
Multiprogramming	X ^{2,10}	X	X	X	X	X	X	X	X	X
Foreground/Background	X ¹³	X	X	X	X	X	X	-	-	X
Real Time	X	-	X	X	X	X	X	-	-	X
Time Sharing	X ^{2,10}	X	X	X	-	X	X	X	X	X
Executive Size (words) (typical)	2K ³	7K	12K	24K	4K	24K	24-64K	24-40K	40K	20-27.5K
Maximum User/Task Size (words)	32K ¹⁴	16K	32K ⁵	64K ⁵	32K ⁵	32K ⁵	32K ⁵	32K ^{5,6}	32K ^{5,6}	8K ⁷
Hardware Protection	-	-	X ⁸	X	X ⁸	X	X	X	X	X
Overlays	X ¹⁵	X ¹⁵	X	X	X ¹⁶	X	X	X ¹⁵	X ¹⁵	X
Dynamic Relocation	X ²	X	X ⁹	X	-	X	X	X	X	X
Spooling	X ¹²	X	X	X	-	X	X	X	X	X
Debugging Facility	X	X	X	X	X	X	X	X	X	X
File System	X	X	X	X	-	X	X	X	X	X
Multiterminal DBMS (Data Base Management System)	-	-	X	X	-		X	-		X

1 BATCH-like capability with indirect MCR command files.
 2 Under CTS-300.
 3 SJ; F/B Executive size is 6.5K.
 5 Maximum size can be increased using in-memory overlays.
 6 Maximum 16K for BASIC-PLUS program.
 7 An interpreter with typically a 2K to 3K partition size per job.
 8 Optional.

9 Optional; can also include core compaction in system-controlled partition.
 10 Under MU BASIC.
 12 Called QUEUE.
 13 Up to 7 F6 jobs via SYSGEN option.
 14 Maximum size can be increased using on-disk or in memory overlays.
 15 On-disk and in-memory.
 16 Memory resident only.

SYSTEM FEATURES	SUPPORTING SYSTEMS													
	RT-11 V5.1	CTS- 300 V8	RSX- 11M V4.1	RSX- 11M+ V2.1	RSX- 11S V4.1	Micro/ RSX V1	IAS V3.1	RSTS/E V8	Micro/ RSTS V1	DSM-11 V3				
PLAS	X	X	X	X	X	X	X	X ²	X ²	-				
Multiterminal Support	X	X	X	X	X	X	X	X	X	X				
High Level Language Support	X	X	X	X	X ³	X	X	X	X	X				
Power Fail	X ⁸	X ⁸	X	X	X	X	X	X	X	X				
Minimum Memory Required (words)	16K	32K	16K ¹	128K	8K	128K	128K ⁴	124K	128X	32K				
Error Logging	X	X	X	X	-	X	X	X	X	X				
Maximum Memory Support (words)	4M ⁷	124K	2M ⁶	2M	2M	2M	2M	2M	2M	1M				
On Line Diagnostics	-	-					X	-	X (ICP)	X				
On Line Peripheral Device Exercisers		-	X	X		X	X	X	X (ICP)	-				

1 Minimum for system generation. 28kw needed for Sysgen. Many features require additional memory.
2 For resident libraries (not tasks). 7 QBUS only; 124K on UNIBUS).
3 Run-time support only. 8 Message only.
4 IAS V3.1 Real Time minimum memory requires 96K words.

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
		V3.2 1/83	V3.3 3/83	V3.4 7/83	V3.5 10/83
VAX/VMS	25.01.18 AE-C770R-TE QD001 (750 system) QE001 (780 and 782 systems) QC001 (730 system) VAX/VMS V3 Release Notes VAX/VMS V3.1 Release Notes VAX/VMS V3.2 Release Notes VAX/VMS V3.3 Release Notes VAX/VMS V3.4 Release Notes VAX/VMS V3.5 Release Notes VAX-11 Information Directory and Index VAX-11 System Message and Recovery Procedure Manual VAX/VMS System Services Ref VAX-11 Linker Reference Manual VAX-11/RSX-11M Programmer's Reference Manual VAX/VMS Summary Description and Glossary Update VAX/VMS Command Language User's Guide Introduction to VAX-11 Record Management Services VAX-11 Symbolic Debugger Ref Man VAX/VMS I/O User's Guide Vol 1 VAX/VMS I/O User's Guide Vol 2 VAX-11 SOS Text Editing Ref Man VAX/VMS Primer VAX-11 Record Management Ref Man VAX-11 MACRO Language Ref Man VAX-11 MACRO User's Guide VAX-11 Run-Time Library Ref Man. Library Reference Manual VAX-11/RSX-11M User's Guide VAX/VMS UETP User's Guide VAX Programming card PDP-11 SORT Reference Manual Update 1 VAX-11 Guide to Creating Modular Library Procedures (Continued)	AA-D015D-TE AA-N472A-TE AA-N471A-TE AA-D016E-TE AA-D017C-TE AA-D018C-TE AA-D019C-TE AA-D020C-TE AA-D022C-TE AD-D022C-T1 AA-D023C-TE AA-D024D-TE AA-D026D-TE AA-M540A-TE AA-M541A-TE AA-M538A-TE AA-D030C-TE AA-D031D-TE AA-D032D-TE AA-D033D-TE AD-D036C-TE AA-D037C-TE AA-D643C-TE AV-D827A-TE AA-3341C-TC AD-3341C-T1 AA-H500C-TE	AA-D015D-TE AA-N472A-TE AA-P763A-TE AA-P764A-TE AA-P765A-TE AA-D016E-TE AA-D017C-TC AA-D018C-TE AA-D019C-TE AA-D020C-TE AA-D022C-TE AD-D022C-T1 AA-D023C-TE AA-D024D-TE AA-D026D-TE AA-M540A-TE AA-M541A-TE AA-M538A-TE AA-D030C-TE AA-D031D-TE AA-D032D-TE AA-D033D-TE AA-D036C-TE AA-D037C-TE AA-D643C-TE AV-D8271-TE AA-3341C-TC AD-3341C-T1 AA-H500C-TE	AA-D015D-TE AA-N472A-TE AA-P763A-TE AA-P764A-TE AA-P765A-TE AA-D016E-TE AA-D017C-TE AA-D018C-TE AA-D019C-TE AA-D020C-TE AA-D022C-TE AD-D022C-T1 AA-D023C-TE AA-D024D-TE AA-D026D-TE AA-M540B-TE AA-M541B-TE AA-M538A-TE AA-D030C-TE AA-D031D-TE AA-D032D-TE AA-D033D-TE AA-D036C-TE AA-D037C-TE AA-D643C-TE AV-D827B-TE AA-3341C-TC AD-3341C-T1 AA-H500C-TE	AA-D015D-TE AA-N472A-TE AA-P763A-TE AA-P764A-TE AA-P765A-TE AA-P766A-TE AA-D016E-TE AA-D017C-TE AA-D018C-TE AA-D019C-TE AA-D020C-TE AA-D022C-TE AD-D022C-T1 AA-D023C-TE AA-D024D-TE AA-D027D-TE AA-M540B-TE AA-M541B-TE AA-M538A-TE AA-D030C-TE AA-D031D-TE AA-D032D-TE AA-D033D-TE AA-D036C-TE AA-D037C-TE AA-D643C-TE AV-D827C-TE AA-H500C-TE

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
	VAX/VMS Guide to Writing a Device Driver VAX-11 SORT/MERGE User's Guide RMS-11 User's Guide Update 1 VAX-11 Utilities Ref. Man. VAX/VMS Guide to Using Command Procedures VAX/VMS Run Time User's Guide VAX-11 Patch Utility Ref Man DIGITAL STANDARD RUNOFF User's Guide VAX-11 EDT Editor Reference Man. EDT Editor Programming Card VAX/VMS System Dump Analyzer Reference Manual EDTCAI Administration Guide EDTCAI Student Guide VAX-11/750 Software Installation Guide PDP-11 TECO User's Guide VAX-11 RTL Language Support Procedures Manual Update RMS-11 MACRO Reference Manual DECnet-VAX System Manager's Guide Update DECnet-VAX User's Guide DECnet/VAX Software Installation Guide DECnet/VAX Cross System Notes VAX/VMS Magtape User's Guide VAX-11 RMS Tuning Guide VAX-/VMS System Management and Operation Guide Update DIGITAL STANDARD RUNOFF Pocket Guide VAX-11 RTL User's Guide VAX-11 RMS Utilities Ref.Man. VAX-11/780 Software Installation Guide VAX-11/725 & 730 Software Installation Guide VAX-11/782 User's Guide	AA-H499C-TE AA-D113C-TE AA-D538A-TC AA-H781B-TE AA-H782B-TE AA-H784B-TE AA-H785B-TE AA-J268B-TK AA-J726A-TC AV-J756A-TC AA-J526B-TE AA-J823B-TE AA-J824B-TE AA-K410B-TE D-11-UTECA-B-D AA-J107B-TE AD-J107B-T1 AA-H803B-TE AD-H803B-T1 AA-H802B-TE AA-M537A-TE AA-M544A-TE AA-M539A-TE AA-M542A-TE AA-M547A-TE AV-M548A-TE AA-L824A-TE AA-M554A-TE AA-M545A-TE AA-M546A-TE AA-M543A-TE	AA-H499C-TE AA-C113C-TE AA-D538A-TC AD-D538A-T1 AA-H781B-TE AA-H782B-TE AA-H784B-TE AA-H785B-TE AA-J268B-TK AA-J726A-TC AV-J756A-TC AA-J526B-TE AA-J823B-TE AA-J824B-TE AA-K410C-TE D-11-UTECA-B-D AA-J107B-TE AD-J107B-T1 AA-H683A-TC AA-H803B-TE AD-H803B-T1 AA-H802B-TE AA-M544A-TE AA-M539A-TE AA-M542A-TE AA-M547A-TE AD-M547A-T1 AV-M548A-TE AA-L824A-TE AA-M554A-TE AA-M545B-TE AA-M546B-TE AA-M543A-TE	AA-H499C-TE AA-D113C-TE AA-D538A-TC AD-D538A-T1 AA-H781B-TE AA-H782B-TE AA-H784B-TE AA-H785B-TE AA-J268B-TK AA-J726A-TC AV-J756A-TC AA-J526B-TE AA-J823B-TE AA-J824B-TE AA-K410C-TE D-11-UTECA-B-D AA-J107B-TE AD-J107B-T1 AA-H803C-TE Obsolete AA-H802B-TE AA-M537A-TE AA-M544A-TE AA-M539A-TE AA-M542A-TE AA-M547A-TE AD-M547A-T1 AV-M548A-TE AA-L824A-TE AA-M554A-TE AA-M545B-TE AA-M546B-TE AA-M543A-TE	AA-H499C-TE AA-D113C-TE AA-D538A-TC AA-H781B-TE AA-H782B-TE AA-H784B-TE AA-H785B-TE AA-J268B-TK AA-J726A-TC AV-J756A-TC AA-J526B-TE AA-J823B-TK AA-J824B-TE AA-K410C-TE D-11-UTECA-B-D AA-J107B-TE AD-J107B-T1 AA-H803C-TE AA-H802B-TE AA-M544A-TE AA-M539A-TE AA-M542A-TE AA-M547A-TE AD-M547A-T1 AV-M548A-TE AA-L824A-TE AA-M554A-TE AA-M545B-TE AA-M546C-TE AA-M543A-TE

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
ALL-IN-1	25.85.03 AE-N416D-TE QC902 (730 systems) QD902 (750 systems) QE902 (780 & 782 systems) Base Operating System: ALL-IN-1 Primer ALL-IN-1 User's Guide ALL-IN-1 Reference Cards ALL-IN-1 Installation Guide ALL-IN-1 APR Guide ALL-IN-1 Release Notes ALL-IN-1 V2 Release Notes	V1.1 10/82 VAX/VMS V3.1 AA-N320A-TE AA-N321A-TE AA-N322A-TE AA-N323A-TE AA-N324A-TE AA-N673A-TE	V1.2 4/83 VAX/VMS V3.2 thru 3.5 AA-N320A-TE AA-N321A-TE AA-N322A-TE AA-N323A-TE AA-N324A-TE AA-N673A-TE AA-R234A-TE		
CMR21 Host Utility	CMR21 30.39.00 AE-Z849A-TK Base Operating Systems:	V1 10/83 VAX/VMS V3.4 RSX-11M V4.1 RSX-11M-PLUS V2.1			
CORAL 66/VAX to RSX	25.69.03 AE-M746D-TE QC075 (730 system). QD075 (750 system) QE075 (780, 782 systems) Base Operating System: CORAL 66 Language Reference Man. IAS/RSX/VMS CORAL User's Guide Update 1 CORAL VAX/RSX Cross Compiler Installation Guide	V1 3/82 VAX/VMS V3,V3.2 AA-D111B-TC AA-D112B-TK AD-D112B-T1 AA-M145A-TK	V2 1/83 VAX/VMS 3.2 thru V3.5 AA-D111C-TC AA-D112C-TK Obsolete AA-M145B-TK		

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
<p>Courseware Authoring System</p>	<p>25.95.01 AE-N683B-TE QC450 (730 system) QD450 (750 system) QE450 (780 and 782 systems)</p> <p>Base Operating System:</p> <p>Dimension Authoring System Author's Guide D.A.S. User's Guide D.A.S. Installation and D.A.S. System Manager's Guide D.A.S. Language Ref. Man. D.A.S. Student Guide</p> <p>NOTE: The name of Courseware Authoring System was changed from Dimension Authoring System after the manuals were submitted for printing. Later versions of the manuals will appear under the new name.</p>	<p>V1 1/83</p> <p>VAX/VMS V3 thru V3.5</p> <p>AA-K763A-TE</p> <p>AA-K764A-TE AA-K766A-TE AA-K767A-TE AA-K768A-TE AV-K765A-TE</p>			
<p>DECdataway Intelligent Subsystem Software</p>	<p>See SPD 15.18.3 AE-H517D-TC (Not available as separate product.)</p> <p>Base Operating Systems:</p> <p>DPM50 User's Guide I/O Subsystem User's Guide IP-11/IP-300/DPM50 Applications Programmer's Manual DPM Programmer's Ref. Man. DPM Terminals Application Reference Manual</p>	<p>V1 1/79</p> <p>RSX-11S V2.1</p> <p>EK-P10S-UG-002 AA-C877B-TC</p> <p>AA-C878D-TC AA-C878B-TC</p>	<p>V2 5/80</p> <p>RSX-11S V2.2 DPM V4 DPM-PLUS V1 VAX-11 DY32 V1</p>	<p>V2.1 8/82</p> <p>VAX-11 DY32 V1.1 DPM V4.1 DPM-PLUS V1.1</p>	

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
DECnet/SNA Gateway Products	See SPD 30.15.01 AE-R439B-TK (Requires DECnet/VAX) Base Operating System: DECnet/SNA Gateway Introduction DECnet/SNA Gateway Installation Guide DECnet SNA Release Notes DECnet/SNA Prob. Determination Guide SNA Gateway VMS Management Gd SNA Gateway Management Release Notes SNA VMS 3270 TE User's Guide SNA VMS 3270 TE Ref Card SNA VMA RJE User's and Operator's Guide SNA VMS Applications Interface	V1 3/83 VAX/VMS V3.2 thru V3.5 AA-P581A-TC AA-P582A-TC AA-P583A-TC AA-P584A-TC AA-P585A-TE AA-P586A-TE AA-P587A-TE AV-P588A-TE AA-P589A-TE AA-P591A-TE			
DECnet-VAX	25.03.12 AE-D624M-TE QCD05 (730 system) QDD05 (750 system) QED05 (780 and 782 systems) Base Operating System: DECnet-VAX Release Notes DECnet-VAX User's Guide Update DECnet-VAX System Mgrs. Guide Update DECnet-VAX V2 User's Guide DECnet-VAX V2 Sys. Mgrs. Guide DECnet/VAX Software Installation Guide	V1.3 10/80 VAX/VMS V2.1 AA-H165A-TE AA-D901A-TE AD-D901A-T1 AA-D902A-TE AD-D902A-T1	V2 4/81 VAX/VMS V2.2, V2.3, V3 AA-H165C-TE AA-D901A-TE AD-D901A-T1 AA-D902A-TE AD-D902A-T1 AA-H802A-TE AA-H803A-TE AA-M537A-TE	V3 7/82 VAX/VMS V3, V3.1, V3.2 (Manuals are listed under VAX/VMS V3.)	V3.1 7/83 VAX/VMS V3.4, V3.5 AA-M537B-TE

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
DECset Document Management System	See SPD 25.63.0 AE-L648A-TE Base Operating System: DECset Manager's Guide DECset Installation and Customer's Guide DECset TT User's Guide DECset Markup Manual DECset Overview DECset Message Manual	V1 8/81 VAX/VMS V2.3 AA-L166A-RE AA-L167A-RE AA-L168A-RE AA-L169A-RE AA-L170A-RE AA-L171A-TE			
DECtype	26.56.0 AE-BF74A-TE-TK QC038 (VAX-11/730 system) QD038 (VAX-11/750 system) QE038 (VAX-11/780 & 782 systems) Base Operating Systems: DECtype Reference Manual Using DECtype Managing and Installing DECtype DECtype Keyboard Layout DECtype Quick Reference Guide	V3 6/83 VAX/VMS V3.2,V3.3 CTS-300 V7 AA-R124A-TK AA-R125A-TE AA-R126A-TE AV-R127A-TK AV-R128A-TK	V3.1 1/84 VAX/VMS V3.2 thru V3.5 CTS-300 V7		
DECdx/VMS (Replaces DX/VMS)	26.36.00 AE-AD38A-TE QC708 (730 system) QD708 (750 system) QE708 (780 & 782 systems) Base Operating System:	V1 1/84 VAX/VMS V3.5 and WPS or DECmate			
DX/VMS (Replaced by DECdx/VMS)	25.25.4 AE-D888E-TE (Requires FORTRAN, if customer plans to modify DX. See SPD.) QC707 (730 system) QD707 (750 system) QE707 (780 system) Base Operating System: DX/VMS Installation Guide DX/VMS Release Notes DX Product User's Guide	V1 7/79 VAX/VMS V1 and WPS-8 (see SPD)	V1 10/80 VAX/VMS and WPS-8 (see SPD)	V1.2 10/82 VAX/VMS V3.1 and WPS-8 (see SPD)	V2 3/83

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
<p>FORTRAN IV/ VAX to RSX Cross Compiler</p> <p>GIGI CAI Primer</p>	<p>25.17.08 AE-H115I-TE QD107 (750 system) QE107 (780 and 782 systems) QC107 (730 system)</p> <p>Base Operating System:</p> <p>IAS/RSX-11 FORTRAN IV USER'S Guide PDP-11 FORTRAN Language Reference Manual Update IAS/RSX/VMS FORTRAN IV Installation and Release Notes PDP-11 FORTRAN Language Reference Manual RSX/VMS FORTRAN IV Installation Guide and Release Notes RSX/VAX/VMS FORTRAN IV User's Guide</p> <p>See SPD 30.11.0 AE-L233A-TK QD209 (750 system) QE209 (780 and 782 systems)</p> <p>Base Operating Systems:</p> <p>GIGI/REGIS CAI Primer Administration/VMS Update GIGI/REGIS CAI Primer Student Guide</p>	<p>V2.2 5/79</p> <p>VAX/VMS V1 or later</p> <p>V1 4/81</p> <p>VAX/VMS V2.2 RSTS/E V7 TOPS-20 V4</p> <p>AA-K328A-TE AD-K328A-T1 AA-K329A-TE</p>	<p>V2.3 11/79</p> <p>VAX/VMS V1.6</p> <p>AA-1936E-TE D-11-LFLRA-C-D D-11-LFLRA-C-DN1</p>	<p>V2.5 10/80</p> <p>VAX/VMS all versions</p> <p>AA-1936F-TE AA-1855E-TC AA-1821E-TC</p>	<p>V2.6 3/83</p> <p>VAX/VMS V3.2 thru V3.5</p> <p>AA-R953A-TK AA-R954A-TK AA-R955A-TK</p>

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
GIGI Software	See SPD 30.10.3 AE-L308D-TK (Requires FORTRAN. See SPD.) Base Operating Systems: Graphics Editor Manual Slide Projection System Manual Character Set Editor Manual GIGI/REGIS CAI Primer Administration/VMS Update 1 GIGI/REGIS CAI Primer Student Guide GIGI/VMS Package A Installation Procedures and Release Notes Update GIGI VMS Package B Installation and Release Notes GIGI REGIS Applications Library Manual GIGI Data Plotting Package Manual GIGI Graphics Editor Primer GIGI DECrite Manual GIGI Package C Installation and Release Notes	V1 2/82 VAX/VMS V2.1 thru V3 TOPS-20 V4 RSTS/E V7 AA-J942A-TK AA-J943A-TK AA-K337A-TK AA-K328A-TE AD-K328A-T1 AA-K329A-TE AA-L058A-TE AD-L058A-T1 AA-M162B-TE AA-J884A-TK AA-J956A-TK AA-M638A-TK AA-J944A-TK AA-V544A-TE			
IEC11-V	25.74.01 AE-N031B-TE QCS03 (730 system) QDS03 (750 system) QES03 (780 system) Base Operating System: IEC11 VAX Software Manual IEC11-V V2 Release Notes	V2 6/82 VAX/VMS V3 AA-M286A-TE AV-V508A-TE			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
Message Router for VMS	26.33.01 AE-X069B-TE QC730 (730 system) QD730 (750 system) QE730 (780 & 782 systems) Base operating system: Message Router Manager's Guide Message Router User's Interface Guide How to Install Message Router/VMS Message Router VAXmail Gateway Guide Message Router Release Info.	V1 8/83 VAX/VMS V3.4,V3.5 AA-R860A-TE AA-R381A-TK AA-R382A-TE AA-R385A-TE AA-R386A-TE			
MicroPower/Pascal-VMS	26.24.01 AE-X547B-TE QC029 (730 system) QD029 (750 system) QE029 (780 & 782 systems) Base operating system: PDP-11 MACRO-11 Language Ref Man Introduction to MicroPower/PASCAL MicroPower/PASCAL Language Guide MicroPower/PASCAL-RT System User's Guide MicroPower/PASCAL-RT Runtime Service Manual MicroPower/PASCAL Debugger User's Manual MicroPower/PASCAL Message Man. MicroPower/PASCAL-RT Release Notes RTEM-11 User's Manual RTEM-11 Installation Guide and Release Notes MicroPower/PASCAL-VMS VAX-11 Host User Guide MicroPower/PASCAL-VMS Installation Guide and Release Notes RT-11 System User's Manual RT-11 System Message Manual RT-11 V4 Pocket Guide MicroPower/PASCAL Ref. Card	V1.4 8/83 VAX/VMS V3.4 AA-5075B-TC AA-M388A-TE AA-M389C-TC AA-M390B-TC AA-M391B-TC AA-M393B-TC AA-M394B-TC AA-M526E-TC AA-N435B-TK AA-N436A-TK AA-V594A-TE AA-V595A-TE AA-V596A-TC AA-V597A-TC AV-5287C-TC AV-M395A-TC	V1.5 1/84 VAX/VMS V3.5		

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
MUX200/VAX	25.02.05 AE-H598F-TE QD070 (750 system) QE070 (780 system) Base Operating System: MUX/VAX Emulator User's Guide MUX/VAX Emulator Sys. Mgr's Gd. MUX/VAX Emulator Release Notes	V1 1/80 VAX/VMS V1.6 AA-H954A-TC AA-H955A-TC AA-H956B-TC	V1.1 10/80 VAX/VMS V2.1 thru V2.5 AA-H954A-TC AA-H955A-TC AA-H956C-TC	V1.2 12/82 VAX/VMS V3, V3.1 AA-H954A-TC AA-H955A-TC AA-H956Z-TE	
PDP-11 DATATRIEVE/ VAX	25.14.12 AE-H113M-TE QD105 (750 system) QE105 (780 and 782 systems) QC105 (730 system) Base Operating System: User's Guide to DATATRIEVE-11 DATATRIEVE-11 V2.4 Release Notes DATATRIEVE-11 V2.5 Installation Guide DATATRIEVE Primer	V2.2 8/81 VAX/VMS V2.3	V2.4 11/81 VAX/VMS V2.4, V3 AA-C724B-TC AA-D110D-TC AA-J106A-TC	V2.5 6/82 VAX/VMS V3 AA-C742B-TC AA-D110D-TC AA-H169C-TC AA-J106A-TC	V2.6 1/83 VAX/VMS V3.2 AA-C724B-TC AA-D110D-TC AA-H169C-TC AA-J106A-TC
PDP-11 FORTRAN-77 DEBUG	30.33.01 AE-Y398B-TK QC139 (730 system) QD139 (750 system) QE139 (780 & 782 systems) Base Operating Systems: PDP-11 FORTRAN-77/DEBUG User's Guide FORTRAN-77/DEBUG Installation Guide and Release Notes	V1 8/83 VAX/VMS V3.4, V3.5 RSX-11M V4.1 RSX-11M-PLUS V 2.1 RSTS/E V8 AA-V197A-TK AA-X650A-TK			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
PDP-11 FORTRAN-77/ VAX TO RSX	26.16.01 AE-U155B-TE QC138 (730 system) QD138 (750 system) QE138 (780 & 782 systems) Base operating systems: PDP-11 FORTRAN-77 Language Reference Manual PDP-11 FORTRAN-77 User's Guide PDP-11 FORTRAN-77 OTS Ref Man PDP-11 FORTRAN-77 Installation Guide and Release Notes	V5 8/83 VAX/VMS V3.4,V3.5 RSX-11M V 4.1 RSX-11M-PLUS V2.1 AA-V193A-TK AA-V194A-TK AA-V195A-TK AA-V196A-TK			
PLXY-11/VAX	25.42.03 AE-K538D-TE QCS01 (730 system) QDS01 (750 system) QES01 (780 & 782 systems) (FORTRAN required. See SPD.) Base Operating System: PLXY-11 V1.1 User's Guide PLXY-11 V1.1 Installation Notes PLXY-11/VAX Release Notes	V1.1 2/81 VAX/VMS V2.2,V2.3 AA-J535A-TK AA-L724A-TE AV-L724B-TE	V1.2 9/82 VAX/VMS V3 AA-J535A-TK AV-L724C-TE	V1.3 12/83 VAX/VMS V3.5,V3.5 AA-J535B-TK	
POLYGRAFIX	26.14.01 AE-X605B-TE QC211 (730 system) QD211 (750 system) QE211 (780 and 782 systems) Base Operating System: GIGI DEcrite Manual GIGI DDP Manual ReGIS Graphics Utility Manual ReGIS GE Installation Guide and Release Notes ReGIS CSE Installation Guide and Release Notes SPS Installation Guide and Release Notes DDP Installation Guide and Release Notes DEcrite Installation Guide and Release Notes	V1.1 9/83 VAX/VMS V3.4,V3.5 AA-J944A-TK AA-J956A-TK AA-R418A-TE AA-U415A-TE AA-U418A-TE AA-U421A-TE AA-U430A-TE AA-U439A-TE			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
Professional Host Communications	QJ072 30.29.03 AE-P648D-TK QC351 (VAX-11/730 system) QD351 (VAX-11/750 system) QE351 (VAX-11/780 & 782 systems) Base Operating Systems: Professional Host Communications Installation Procedure	V1 1/83 VAX/VMS V3 & later RSX-11M V4 RSX-11M-PLUS V2 P/OS V1 AA-P412A-TK	V1.5 7/83 VAX/VMS V3.4 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5 AA-P412B-TK	V1.7 10/83 VAX/VMS V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7 AA-P412C-TK	
Professional Host Tool Kit (formerly Professional Developer's Tool Kit)	QJ071 30.28.03 AE-P649D-TK QC350 (VAX-11 730 system) QD350 (VAX-11/750 system) QE350 (VAX-11 780 & 782 systems) Base Operating System: FMS-11/RSX-11 Software Ref. Man. FMS-11/RSX Release Notes RSX-11M/M-PLUS Task Builder's Manual Update IAS/RSX-11 ODT Reference Manual PRO TK Document Directory PRO TK Installation Guide and Release Notes Addendum PRO TK User's Guide PRO TK Core Graphics Library Man PRO TK P/OS System Ref. Man. Update PRO Toolkit Documentation Guidelines PRO TK TT SS Manual PRO/RMS-11: An Introduction PRO/RMS-11 MACRO Programmer's Guide PRO TK FMS Documentation Supplement PRO IAS/RSX ODT Supplement PDP-11 MACRO-11 Language Ref Man Update	V1 1/83 VAX/VMS V3 & later RSX-11M V4 RSX-11M-PLUS V2 AA-H855A-TC AA-H857A-TC AA-L680A-TC AD-L680A-T1 AA-M507A-TC AA-N615A-TK AA-N616A-TK AD-N616A-T1 AA-N617A-TK AA-N619A-TK AA-N620A-TK AA-N623A-TK AA-P098A-TK AA-P099A-TK AA-P193A-TK AA-5075B-TC AD-5075B-T1	V1.5 6/83 VAX/VMS V3.2, V3.3 RSX-11M V4.1 RSX-11M-PLUS V2.1 AA-H855A-TC AA-H857A-TC AA-L680B-TC Obsolete AA-M507A-TC AA-N615B-TK AA-N616B-TK Obsolete AA-N617B-TK AA-N619A-TK AA-N620A-TK AA-N623B-TK AA-P098A-TK AA-P099A-TK AA-P103B-TK AA-P193B-TK AA-V027A-TC Obsolete	V1.7 VAX/VMS V3.4, V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 AA-H855A-TC AA-H857A-TC AA-L680B-TC AA-M507A-TC AA-N615C-TC AA-N616C-TK AA-N617C-TK AA-N619B-TK AA-N620A-TK AD-N620A-T1 AA-N621A-TK AA-N623B-TK AA-P098A-TK AA-P099A-TK AA-P103B-TK AA-P193B-TK AA-V027A-TC	

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
<p>Professional HostTool Kit BASIC-PLUS-2</p> <p>Professional Host Tool Kit COBOL-81</p>	<p>30.27.1 AE-P650B-TK QC352 (VAX-11 730 system) QD352 (VAX-11 750 system) QE352 (VAX-11 780 & 782 systems)</p> <p>Base Operating Systems:</p> <p>BASIC Reference Manual BASIC User's Guide BASIC on RSX-11M/M-PLUS System Update Professional Developer's Tool Kit BASIC+2 Documentation Supplement Professional Developer's Tool Kit BASIC+2 Installation Guide and Release Notes BASIC Pocket Reference Guide</p> <p>30.31.01 AE-R999B-TK QJ081 (VAX-11 730 system) QD714 (VAX-11 750 system) QE714 (VAX-11 780 & 782 system)</p> <p>Base Operating Systems:</p> <p>COBOL-81 Language Ref Manual RSX-11M/M-PLUS User's Guide Professional Tool Kit COBOL-81 Installation Guide and Documentation Supplement COBOL-81 Pocket Guide</p>	<p>V2 1/83</p> <p>VAX/VMS V3.2 RSX-11M V4 RSX-11M-PLUS V2</p> <p>AA-L334A-TK AA-L335A-TK AA-L338A-TC</p> <p>AA-P102A-TK</p> <p>AA-P104A-TK</p> <p>AV-L341A-TK</p> <p>V2 6/83</p> <p>VAX/VMS V3.2 thru V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1</p> <p>AA-J434B-TC AA-M179B-TC AA-R758A-TK</p> <p>AV-H630C-TC</p>	<p>V2.1 6/83</p> <p>VAX/VMS V3.4 RSX-11M V4.1 RSX-11M-PLUS V2.1</p> <p>AA-L334A-TK AA-L335A-TK AA-L338A-TC AD-L338A-T1 AA-P102B-TK</p> <p>AA-P104B-TK</p> <p>AV-L341A-TK</p>	<p>V2.2 1/84</p> <p>VAX/VMS V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1</p>	

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
		V1	V1.5	V1.6	
Professional Host Tool Kit DIBOL	QJ369 30.26.03 AE-P651D-TK QC356 (VAX-11/730 system) QD356 (VAX-11/750 system) QE356 (VAX-11/780 & 782 systems)	V1 1/83	V1.5 6/83	V1.6 10/83	
	Base Operating Systems: Professional Tool Kit Introduction to DIBOL PRO TK DIBOL User's Guide PRO TK DIBOL Language Ref. Man. PRO TK DIBOL Release Notes and Installation Guide DIBOL-83 Language Ref. Man. Update DIBOL-83 Compatability Man. PPRO/TK DIBOL Message Manual	VAX/VMS V3 & later RSX-11M V4 RSX-11M-PLUS V2 P/OS V1 AA-P042A-TK AA-P043A-TK AA-P044A-TK AA-P045A-TK	VAX/VMS RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5 AA-P042A-TK AA-P043B-TK Obsolete AA-P045B-TK AA-U066A-TK AA-V810A-TK	VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7 AA-P042A-TK AA-P043C-TK AA-P045C-TK AA-U066A-TK AD-U066A-T1 AA-V810B-TK AA-Z515A-TK	
Professional Host Tool Kit FORTRAN-77	QJ074 30.38.02 AE-W587C-TK QC353 (VAX-11 730 system) QD353 (VAX-11 750 system) QE353 (VAX-11 780 & 782 systems)	V1 6/83	V5 10/83		
	Base Operating Systems: PDP-11 FORTRAN-77 OTS Ref Man Update PDP-11 FORTRAN-77 User's Guide Update PDP-11 FORTRAN-77 Language Reference Manual Update Professional Host TK FORTRAN-77 Installation Guide and Documentation Supplement	VAX/VMS V3.2,V3.3 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5 AA-1874C-TC AD-1874C-T1 AA-1884D-TC AD-1884D-T1 AA-L979A-TC AD-L979A-T1 AA-R387A-TK	VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7 AA-V195A-TK Obsolete AA-V194A-TK Obsolete AA-V193A-TK Obsolete AA-R387B-TK		

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
Professional Host Tool Kit FORTRAN-77 DEBUG	QJ079 30.42.01 AE-Z850B-TK QC421 (VAX-11/730 system) QD421 (VAX-11/750 system) QE421 (VAX-11/780 & 782 systems) Base Operating Systems:	V1 10/83 VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7			
Professional Host Tool Kit PASCAL	QJ082 30.30.02 AE-R998C-TK QC715 (VAX-11 730 system) QD715 (VAX-11 780 system) QE715 (VAX-11 780 & 782 systems) Base Operating Systems:	V1 6/83 VAX/VMS V3.2,V3.3	V1.1 9/83 VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1		
Professional Real Time Interface Library	Professional Tool Kit PASCAL Installation Guide and Release Notes PRO TK PASCAL User's Guide PRO TK PASCAL Lang. Ref. Man. QJ076 30.37.02 AE-6160C-TK QC355 (730 system) QD355 (750 system) QE355 (780 & 782 systems) Base operating systems:	AA-R759A-TK AA-U046A-TK AA-U047A-TK V1 8/83 VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS Hard Disk V1.7 P/OS Diskette V1.7	AA-R759B-TK AA-U046A-TK AA-U047A-TK		
NOTE: For other	Professional Products, see PO/S Operating System, Section 7	AA-AI40A-TK AA-P411A-TK			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
REAL-11/11S	26.22.01 AE-V489B-TE QC520 (VAX-11/730 system) QD520 (VAX-11/750 system) QE520 (VAX-11/780 & 782) Base Operating System: REAL-11/MINC Programmer's Reference Manual Updates 1 and 2 REAL-11/11S Installation Guide	V1 4/83 VAX/VMS V3 thru V3.5 Target system RSX-11S V4 AA-D631C-TC AD-D631C-T1, T2 AA-R786A-TE			
ReGIS CAI	See SPD 30.12.0 AE-L234A-TK Base Operating Systems: GIGI/REGIS CAI Primer Administration VMS Update GIGI/REGIS Primer Student Guide	V1 4/81 VAX/VMS V2.2 RSTS/E V7 TOPS-20 V4 AA-K328A-TE AD-K328A-T1 AA-K329A-TE			
ReGIS Software	See SPD 26.15.01 AE-X606A-TE Base Operating System: Packages: ReGIS Graphics Editor ReGIS Character Set Editor ReGIS Slide Projection System ReGIS Data Plotting Package ReGIS DEC-RITE Package	V1.1 9/83 VAX/VMS V3.4, v3.5			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
RSX-11S	QJ642 9.21.14 AE-34270-TC Base Operating Systems: RSX-11M/RSX-11S Release Notes RSX-11M/RSX-11S Doc. Directory RSX-11M/RSX-11S Information Directory and Index RSX-11S System Generation and Installation Guide Update RSX-11M Executive Reference Man. RSX-11M/M-PLUS Exec. Ref. Man. IAS/RSX-11 I/O Operations Ref. RSX-11M I/O Driver Reference RSX-11M/M-PLUS I/O Driver Ref. Update RSX-11M Operator's Procedures RSX-11M Guide to Writing an I/O Driver Update IAS/RSX-11 ODT Reference Man. RSX-11M Mini Reference RSX-11M System Generation Man. RSX-11M Task Builder Reference Update RSX-11M/M-PLUS Task Builder Ref. Update PDP-11 Programming Card RSX-11M V3.1 Master Index Introduction to RSX-11M RSX-11M Beginner's Guide IAS/RSX System Library Routines Reference Manual Updates RSX-11M Mini-Index RSX-11M/M-PLUS MCR Operator's Manual Update RSX-11M/M-PLUS Guide to Program Development RSX-11M Utilities Manual (Continued)	V2.1 2/78 RSX-11M V3.1 RSX-11D V6.2 IAS V3 VAX/VMS V1 AA-2573E-TC AA-2874C-TC AA-2544D-TC AA-2515C-TC AA-2539D-TC AA-2567D-TC AA-2600D-TC D-11-OIODA-B-D AV-5570B-TC AA-2552E-TC AA-2588D-TC AA-2588D-T1 EH-S1046-78 AA-5430B-TC	V2.2 8/79 RSX-11M V3.2 RSX-11M-PLUS V.1 IAS V3, V3.1 VAX/VMS V2, V2.1, V2.2 AA-2573F-TC AA-2593E-TC AA-2874D-TC AD-2874D-T1 Superseded AA-H265A-TC AA-2515D-TC Superseded AA-H269A-TC AA-2600D-TC AD-2600D-T1 D-11-OIODA-B-D AV-5570C-TC Superseded AA-H266A-TC EH-S1046-78 AA-2555D-TC AA-5245B-TC AA-5580A-TC AD-5580A-T1 AA-H262A-TC AA-H263A-TC AA-H264A-TC AA-H268A-TC	V4 3/82 RSX-11M V4 RSX-11M-PLUS V2 VAX/VMS V3, V3.2 AA-2573G-TC AA-2593F-TCA AA-2874E-TC AD-2874E-T1 AA-L675A-TC AA-M176A-TC AA-L677A-TC AA-2600E-TC obsolete AA-M507A-TC AV-5570D-TC Superseded AA-L680A-TC AD-L680A-T1 EH-S1046-78 obsolete AA-5580A-TC AD-5580A-T1, T2 obsolete AA-L678A-TC AA-L676A-TC	V4.1 6/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3.2 thru V3.5 AA-2573H-TC A-2593G-TC AA-2874E-TC AD-2874E-T1 AA-L675A-TC AA-M176A-TC AA-L677A-TC AD-L677A-T1 AA-2600E-TC AA-M507A-TC AV-5570E-TC AA-L680B-TC obsolete EH-S1046-78 AA-5580B-TC obsolete AA-L678A-TC AD-L678A-T1 AA-L676A-TC

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
<p>RTEM-11 RT-11 Emulator for RT-11 V4</p> <p>VAX-11 2780/ 3780 Protocol Emulator</p>	<p>RSX-11M System Generation and Installation Guide IAS/RSX-11 MACRO-11 Ref. Man. RSX-11M/M-PLUS Crash Dump Ref.Man. RSX-11M/M-PLUS Crash Dump Analysis Manual PDP-11 MACRO-11 Language Manual Update RSX-11M/M-PLUS System Management Guide Update Introduction to RSX-11M and RSX-11M-PLUS RSX-11M/S V4.1 Update B Info</p> <p>30.21.03 AE-N571D-TK QC435 (730 system) QD435 (750 system) QE435 (780 & 782 systems)</p> <p>Base Operating System:</p> <p>RTEM-11 User's Manual RTEM-11 Installation Guide and Release Notes Update 1</p> <p>25.07.05 AE-H994G-TE QD111 (750 system) QE111 (780 system) QC111 (730 system)</p> <p>Base Operating System:</p> <p>VAX-11 2780/3780 PE User's Guide Update 1 VAX-11 2780/3780 PE Release Notes Update 1</p>	<p>V1 9/82</p> <p>VAX/VMS V3 RT-11 V4 RSX-11M V4 RSX-11M-PLUS V1</p> <p>AA-N435A-TK AA-N436A-TK</p> <p>V1.1 10/80</p> <p>VAX/VMS V2.1</p> <p>AA-H473A-TE AA-H932A-TE</p>	<p>AA-H625A-TC D-11-OIMRA-B-D AA-H272A-TC</p> <p>V1.1 4/83</p> <p>VAX/VMS V3.2, V3.3, V3.4 RT-11 V5 RSX-11M V4.1 RSX-11M-PLUS V2.1</p> <p>AA-N435B-TK AA-N436A-TK AD-N436A-T1</p> <p>V1.2 6/81</p> <p>VAX/VMS V2.3</p> <p>AA-H473A-TE AD-H473A-T1 AA-H932A-TE AD-H932A-T1</p>	<p>AA-H625B-TC AA-L673A-TC AA-5075B-TC AD-5075B-T1 AA-L679B-TC AA-L763A-TC</p> <p>V1.3 4/82</p> <p>VAX/VMS V2.4, V3</p> <p>AA-H473A-TE AD-H473A-T1 AA-H932A-TE AD-H932A-T1</p>	<p>AA-H625C-TC AA-L673B-TC AA-V027A-TC obsolete AA-L679B-TC AD-L679B-T1 SS-W259B-TC</p> <p>V1.4 7/83</p> <p>VAX/VMS V3.4, V3.5</p> <p>AA-H473A-TE AD-H473A-T1 AA-H932B-TE Obsolete</p>

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX-11 3271 Protocol Emulator	25.21.03 AE-K792D-TE QC112 (730 system) QD112 (750 system) QE112 (780 and 782 systems) Base Operating System: VAX-11 3271 PE User's Guide VAX-11 3271 PE V1 Release Notes VAX-11 3271 PE V2 Release Notes VAX-11 3271 TT Emulator Ref.Cd.	V1 2/81 VAX/VMS V2.2, 2.3, 2.4 AA-J691A-TE AA-K757A-TK	V2 10/82 VAX/VMS V3 thru V3.5 AA-J691B-TE AA-K757B-TK AV-P075A-TE		
VAX-11/730 Diagnostic Set	ZC100 25.93.01 AE-N562B-TE Base Operating System:	V1 9/82 VAX/VMS V3 thru V3.4			
VAX-11/750 Diagnostic Set	ZD201 26.42.00 AE-X646A-TE Base operating system:	V1 8/83 VAX/VMS V3 thru V3.4			
VAX-11/780 Diagnostic Set	ZE200 26.41.00 AE-X647A-TE Base operating system:	V1 8/83 VAX/VMS V3 thru V3.4			
VAX-11/730 Micro- diagnostics	ZC030 25.92.0 AE-N561A-TE Base Operating System:	V1 9/82 VAX/VMS V3			
VAX-11/750 G & H Format Microcode	See SPD 25.66.01 AE-M259B-TE Base Operating System: KU750 User Guide	V1 12/81 VAX/VMS V3 thru V3.5 AA-M197A-TE			
VAX-11/750 Basic Diagnostic Set	ZD101 25.91.0 AE-N560A-TE	V1 6/82			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX-11/750 Micro- diagnostics	KC750 25.61.0 AE-N052A-TE	V1 6/82			
VAX-11/780 Basic Diagnostic Set	ZE100 25.60.0 AE-L518A-TE	V1 6/81			
VAX 11/780 Diagnostics Extended	ZE014 25.6.2 AE-H227C-TE	V1 3/80			
VAX-11/780 Microprogramming Tools	QE109 25.09.06 AE-H938G-TE Base Operating System: VAX-11/780 MPT User's Guide VAX-11/780 Data Path Des. VAX-11/780 MPT V1 Release Notes Update MICRO2 User's Guide and Reference Manual	V1 7/79 VAX/VMS V1.5 AA-H306A-TE AA-H307A-TE AA-H308A-TE AA-H531A-TE	V1.1 10/80 VAX/VMS all versions AA-H306A-TE AA-H307A-TE AA-H308A-TE AD-H308A-T1 AA-H531A-TE	V2 9/82 VAX/VMS all versions AA-H306A-TE AA-H307A-TE AA-H308B-TE obsolete AA-H531A-TE	
VAX ACMS (Application Control and Management System)	See SPD 25.50.01 AE-Y995B-TE Base Operating System: VAX-11 ACMS Summary Description VAX-11 ACMS Installation Guide VAX-11 ACMS Terminal User Guide VAX-11 ACMS Application Defini- tion Guide VAX-11 ACMS Application Management Guide VAX-11 ACMS/AD Application Design Guide VAX-11 ACMS/AD Application Programmer's Guide VAX-11 ACMS/AD Task Definition Guide VAX-11 ACMS Release Notes (Continued)	V1 9/83 VAX/VMS V3.4,V3.5 AA-N685A-TE AA-N686A-TE AA-N687A-TE AA-N688A-TE AA-N689A-TE AA-N690A-TE AA-N692A-TE AA-N692A-TE AA-N693A-TE			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX ADE	VAX-11 ACMS Information Directory VAX-11 ACMS Application Definition Reference Manual VAX-11 ACMS Definition Pocket Guide VAX-11 ACMS Management Pocket Guide VAX-11 ACMS/AD Programmer's Pocket Guide 25.76.03 AE-M854D-TE QC425 (730 system) QD425 (750 system) QE425 (780 and 782 systems) Base Operating System ADE User's Guide VAX-11 ADE Installation Guide and Release Notes	AA-N694A-TE AA-U715A-TE AA-V327A-TE AA-V328A-TE AA-V330A-TE V2 4/82 VAX/VMS V3 AA-M651A-TK AA-M650A-TK	 V2.1 12/82 VAX/VMS V3 AA-M651B-TK AA-M650B-TE	 V2.2 9/83 VAX/VMS V3.4, V3.5 AA-M651B-TK AA-M650C-TE	
VAX APL	25.31.02 AE-P450C-TE QC020 (730 system) QD020 (750 system) QE020 (780 & 782 systems) Base Operating System: Installing VAX-11 APL VAX-11 APL Reference Manual	V1 11/82 VAX/VMS V3.1 AA-P143A-TE AA-P142A-TE	V1.1 7/83 VAX/VMS V3.4, V3.5 AA-P143A-TE AA-P142B-TE		
VAX BASIC	25.36.10 AE-J848K-TE QD095 (750 system) QE095 (780 and 782 systems) QC095 (730 system) Base Operating System: BASIC Reference Manual BASIC User's Guide BASIC on VAX/VMS Systems VAX-11 BASIC Installation Guide and Release Notes BASIC Pocket Reference Guide Introduction to BASIC BASIC for Beginners More BASIC for Beginners	V2 11/82 VAX/VMS V3.1, V3.2 AA-L334A-TK AA-L335A-TK AA-L336A-TK AA-L339A-TE AV-L341A-TK	V2.11 6/83 VAX/VMS V3.3 AA-L334A-TK AA-L335A-TK AA-L336A-TK AA-L339B-TE AV-L341A-TK	V2.2 9/83 VAX/VMS V3.4, V3.5 AA-L334A-TK AA-L335A-TK AA-L336A-TK AA-L339B-TE AV-L341A-TK AA-0155B-TK AA-L333A-TK AA-M587A-TK	

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX-11 BCP CODE 39 Barcode and Label Genera- tion Software	26.26.0 AE-W942A-TE QC640 (730 system) QD640 (750 system) QE640 (780 & 782 systems) (VAX-11 FORTRAN required) Base Operating System: BCP User's Guide VAX-11 BCP Release Notes	V1 7/83 VAX/VMS V3.4 AA-N269B-TK AV-Z758A-TE			
VAX BLISS-16 Implementation Language	25.19.04 AE-K754E-TE QD014 (750 system) QE014 (780 and systems) QC014 (730 system) Base Operating System: BLISS Language Guide Addendum BLISS Pocket Guide VAX-11 BLISS-16 User's Guide BLISS-16 Release Notes V2.1 VAX-11 BLISS-16 Release Notes	V2.1 6/81 VAX/VMS V2.3 AA-H275B-TK AV-H289B-TK AA-H865B-TK AA-K752A-TE	V3 3/82 VAX/VMS V2.5,V3 AA-H275C-TK AV-H289C-TK AA-H865C-TK AA-K752B-TE	V4 10/83 VAX/VMS V3.4,V3.5 AA-H275C-TK AD-H275C-T1 AV-AT45A-TK AA-H865D-TE AA-K752C-TE	
VAX BLISS-32	25.12.09 AE-H114J-TE QD106 (750 system) QE106 (780 and 782 systems) QC106 (730 system) Base Operating System: VAX-11 BLISS-32 User's Guide VAX-11 BLISS-32 Language Guide Addendum VAX-11 BLISS-32 Release Notes BLISS Pocket Guide XPORT Programmer's Guide	V2 10/80 VAX/VMS V2.1 AA-H322B-TE AA-H275B-TK AA-H510B-TE AV-H289B-TK	V2.1 1/81 VAX/VMS V2.2,V2.3 AA-H322B-TE AA-H275B-TK AA-H510C-TE AV-H289B-TE AA-J201A-TK	V3 3/82 VAX/VMS V2.4, V2.5,V3 AA-H322C-TE AA-H275C-TK AA-H510D-TE AV-H289C-TK AA-J201A-TK	V4 10/83 VAX/VMS V3.4,V3.5 AA-H322D-TE AA-H275C-TK AD-H275C-T1 AA-H510E-TE AV-AT45A-TE AA-J201A-TK

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX C	25.38.05 AE-M878F-TE QC015 (730 system) QD015 (750 system) QE015 (780 and 782 systems) Base Operating System: Programming in VAX-11 C VAX-11 C Language Summary VAX-11 C Release Notes Installing VAX-11 C	V1 6/82 VAX/VMS V3 AA-L370A-TE	V1.1 10/82 VAX/VMS V3.1 AA-L370A-TE	V1.2 3/83 VAX/VMS V3.2 AA-L370A-TE	V1.3 7/83 VAX/VMS V3.4,V3.5 AA-L370A-TE AA-P788A-TE AV-W596A-TE AV-L491A-TE
VAX COBOL	25.04.08 AE-J847I-TE QC099 (730 system) QD099 (750 system) QE099 (780 and 782 systems) Base Operating System: VAX-11 COBOL Language Reference Manual VAX-11 COBOL User's Guide VAX-11 COBOL74 Translator Utility VAX-11 COBOL Installation Guide and Release Notes VAX-11 COBOL Pocket Guide VAX-11 COBOL Language Reference Manual 7 x 9	V2 5/82 VAX/VMS V3,V3.1 AA-H631B-TE AA-H632B-TE AA-H822B-TE AA-K026C-TE AV-H633B-TE AA-U043A-TE	V2.1 11/82 VAX/VMS V3.2 AA-H631B-TE AA-H632B-TE AA-H822B-TE AA-K026C-TE AV-H633B-TE AA-U043A-TE	V2.2 6/83 VAX/VMS V3.3,V3.4	V3 12/83 VAX/VMS V3.5
VAX Common Data Dictionary (CDD)	25.53.07 AE-L816H-TE QC897 (730 system) QD897 (750 system) QE897 (780 and 782 systems) Base Operating System: VAX-11 CDD Utility Manual Updates VAX-11 CDD Installation Guide and Release Notes VAX-11 CDD DDL Updates VIA Summary Description VIA Information Directory and Master Index	V2 6/82 VAX/VMS V3 AA-L629B-TE AA-L630B-TE AA-K085A-TE	V2.1 10/82 VAX/VMS V3.1,V3.2 AA-L629B-TE AD-L629B-T1 AA-L630C-TE AA-K085A-TE AA-K085A-T1	V2.2 4/83 VAX/VMS V3.2 AA-L629B-TE AD-L629B-T1,T2 AA-L630D-TE AA-K085A-TE AD-K085A-T1,T2	V2.3 10/83 VAX/VMS V3.5 AA-L629C-TE Obsolete AA-L630E-TE AA-K085B-TE Obsolete AA-R350A-TE AA-R351A-TE

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX CORAL 66	25.37.05 AE-J707F-TE QD067 (750 system) QE067 (780 & 782 systems) QC067 (730 system) Base Operating System: CORAL 66 Language Reference Manual IAS/RSX/VMS CORAL User's Guide VAX-11 CORAL 66 Release Notes Update #1	V1 6/80 VAX/VMS V1.6 AA-D111B-TC AA-D112B-TK AA-J643A-TE	V1 10/80 VAX/VMS V2.1 AA-D111B-TC AA-D112B-TK AA-J643A-TE AD-J643A-T1	V1.1 10/81 VAX/VMS V3 thru V3.5 AA-D111C-TC AA-D112B-TK AA-J643B-TE Obsolete	
VAX DATATRIEVE	25.44.08 AE-L817I-TE QC898 (730 system) QD898 (750 system) QE898 (780 and 782 systems) (Requires Common Dictionary) Base Operating System: VAX-11 DTR V1 Reference Manual VAX-11 DTR User's Guide VAX-11 DTR Call Interface Man. Update Introduction to VAX-11 DATATRIEVE VAX-11 DTR Installation Guide and Release Notes VAX DATATRIEVE Graphics Notebook VAX-11 DATATRIEVE Summary Description Update VAX-11 DATATRIEVE Guide to Writing Reports VAX-11 DATATRIEVE Guide to Programming for Customer VAX-11 DATATRIEVE Pocket Guide	V1.2 8/82 VAX/VMS V3 AA-K079A-TE AA-K080A-TE AA-K081A-TE AD-K081A-T1 AA-K082A-TE AA-K083C-TE AA-L631A-TE	V1.3 11/82 VAX/VMS V3.1, V3.2 AA-K079A-TE AA-K080A-TE AA-K081A-TE AD-K081A-T1 AA-K082A-TE AA-K083D-TE AA-L631A-TE	V2 3/83 VAX/VMS V3.2 AA-K079B-TE AA-K080B-TE AA-K082B-TE AA-K083E-TE AA-L631B-TE AA-P860A-TE AA-P862A-TE AA-P863A-TE AV-P864A-TE	V2.1 10/83 VAX/VMS V3.5 AA-K079B-TE AA-K080B-TE AA-K082B-TE AA-K083F-TE AA-L631B-TE AA-P860A-TE AD-P860A-T1 AA-P862A-TE AA-P863A-TE AV-P864A-TE

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
<p>VAX DBMS Database Management System</p>	<p>25.48.9 AE-L818J-TE QC899 (730 system) QD899 (750 system) QE899 (780 and 782 systems) (Requires VAX-11 CDD)</p> <p>Base Operating System:</p> <p>VAX-11 DBMS DML User's Guide and Reference Manual Updates VAX-11 DBMS DDL Reference Man. Update VAX-11 DBMS Utilities Ref. Man. Update VAX-11 DBMS Summary Description Update VAX-11 DBMS Installation Guide and Release Notes VAX-11 DBMS DBA Guide Update VAX-11 DBMS F DML Ref. Manual Update VAX-11 DTR/DBMS Interface Man. Update VAX-11 DBMS Performance VAX-11 DBMS Utility Pocket Gd. VAX-11 DBMS DDL Pocket Guide VAX-11 DBMS DML Pocket Guide VAX-11 DBMS F DML Pocket Guide</p>	<p>V1.2 8/82</p> <p>VAX/VMS V3</p> <p>AA-J960A-TE AA-J960A-T1 AA-J961A-TE AD-J961A-T1 AA-J962A-TE AD-J962A-T1 AA-J964A-TE AD-J964A-T1 AA-J965C-TE</p> <p>AA-J966A-TE AD-J966A-T1 AA-K787A-TE AD-K787A-T1 AA-L632A-TE AD-L632A-T1 AA-N382A-TE AV-N014A-TE AV-N015A-TE AV-N016A-TE AV-N193A-TE</p>	<p>V1.3 4/83</p> <p>VAX/VMS V3.2</p> <p>AA-J960A-TE AD-J960A-T1 AA-J961A-TE AD-J961A-T1 AA-J962A-TE AD-J962A-T1 AA-J964A-TE AD-J964A-T1 AA-J965D-TE</p> <p>AA-J966A-TE AD-J966A-T1 AA-K787A-TE AD-K787A-T1 AA-L632A-TE AD-L632A-T1 AA-N382A-TE AV-N014A-TE AV-N015A-TE AV-N016A-TE AV-N193A-TE</p>	<p>V1.4 7/83</p> <p>VAX/VMS V3.4</p> <p>AA-J960A-TE AD-J969A-T1 AA-J961A-TE AD-J961A-T1 AA-J962A-TE AD-J862A-T1 AA-J964A-TE AD-J864A-T1 AA-J965E-TE</p> <p>AA-J966A-TE AD-J966A-T1 AA-K787A-TE AD-K787A-T1 AA-L632A-TE AD-L632A-T1 AA-N382A-TE AV-N014A-TE AV-N015A-TE AV-N016A-TE AV-N193A-TE</p>	<p>V2 9/83</p> <p>VAX/VMS V3.5</p>
<p>VAX DECalc</p>	<p>25.79.01 AE-N756B-TE QC310 (730 system) QD310 (750 system) QE310 (780 & 782 systems)</p> <p>Base Operating System:</p> <p>VAX-11 DECalc Installation Guide DECalc User Guide VAX-11 DECalc Release Notes DECalc Reference Card VAX-11 DECalc Internal Release Notes (Restricted)</p>	<p>V1 10/82</p> <p>VAX/VMS V3 thru V3.5</p> <p>AA-M972A-TE AA-M974A-TE AA-P020B-TE AV-M967B-TE AA-P767A-RE</p>			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX DEC/CMS	25.52.02 AE-M629C-TE QD007 (750 system) QE007 (780 and 780 systems) QC007 (730 system) Base Operating System: DEC/CMS Reference Manual DEC/CMS User Introduction DEC/CMS Installation and System Management Guide DEC/CMS Release Notes V1 DEC/CMS Release Notes V1.1 DEC/CMS Pocket Reference Guide	V1 6/82 VAX/VMS V3 AA-L372A-TE AA-L371A-TE AA-L373A-TE AA-M681A-TE AV-L374A-TE	V1.1 11/82 VAX/VMS V3.1 thru V3.5 AA-L372A-TE AA-L371A-TE AA-L373A-TE AA-M681A-TE AA-R327A-TE AV-L374A-TE		
VAX DECgraph	26.07.02 AE-X726C-TE QC360 (730 system) QD360 (750 system) QE360 (780 & 782 systems) Base Operating System: VAX-11 DECgraph User's Guide Update VAX-11 DECgraph Quik Ref. Guide VAX-11 DECgraph Release Notes	V1 7/83 VAX/VMS V3.4 AA-R429A-TE AV-R427A-TE AV-U151A-TE	V1.1 1/84 VAX/VMS V3.5 AA-R429A-TE AD-R429A-T1 AV-R427A-TE AV-U151B-TE		
VAX DEChealth	25.78.01 AE-N875B-TE QD122 (750 system) QE122 (780 and 782 systems) Base Operating System: DEChealth Health Service Management Guide DEChealth Industrial Hygiene Service Guide DEChealth Health Service Guide DEChealth Guide to Medical Reporting DEChealth Guide to Environment Reporting DEChealth Environmental Services Management Guide DEChealth System Administra- tion Guide DEChealth System Manager's Gd.	V1 10/82 VAX-VMS V3.4, V3.5 AA-M888A-TE AA-M889A-TE AA-M890A-TE AA-M891A-TE AA-M892A-TE AA-N514A-TE AA-M893A-TE AA-M894A-TE			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
<p>VAX DECmail</p> <p>VAX DEC/MMS (Module Management System) System)</p>	<p>25.64.04 AE-M012E-TE QC400 (730 system) QD400 (750 system) QE400 (780 and 782 systems)</p> <p>Base Operating System:</p> <p>DECmail User's Guide DECmail Primer DECmail Account Coordination DECmail Account Coordination Card DECmail Manager's Card DECmail User's Card DECmail System Manager's Guide Update packages DECmail Installation Guide DECmail Interconnect Guide DECmail Quick Lookup Guide Message Router Installation Guide Message Router System Manager's Guide DECmail Documentation Directory DECmail Release Information Message Router Release Info DECmail Software Support Guide</p> <p>26.03.02 AE-R420C-TE QC500 (730 system) QD500 (750 system) QE500 (780 and 782 systems)</p> <p>Base Operating System:</p> <p>VAX-11 DEC/MMS User's Guide VAX-11 DEC/MMS Installation Gd. VAX-22 DEC/MMS Summary Card</p>	<p>V1 11/81</p> <p>VAX/VMS V2.4</p> <p>AA-L806A-TE AA-L807A-TE AA-L808A-TE AV-L814A-TE AV-L815A-TE AV-L813A-TE AA-L809A-TE AA-L810B-TE AA-M090A-TE AA-M431A-TE</p> <p>V1 3/83</p> <p>VAX/VMS V3.2</p> <p>AA-P119A-TE AA-P121A-TE AV-P120A-TE</p>	<p>V2 9/82</p> <p>VAX/VMS V3</p> <p>AA-L806B-TE AA-L808B-TE AV-L814B-TE AV-L815B-TE AA-L809B-TE AA-L810C-TE AA-M090B-TE AA-N831A-TE AA-N832A-TE AA-N833A-TE AV-N385A-TE AA-M431B-TE AA-N876A-TE AA-N207A-TE</p> <p>V1.1 9/83</p> <p>VAX/VMS V3.5</p> <p>AA-P119A-TE AA-P121A-TE AV-P120A-TE</p>	<p>V2.1 8/83</p> <p>VAX/VMS V3.4, V3.5</p> <p>AA-L086B-TE AA-L808B-TE AV-L814B-TE AV-L815B-TE AA-L809B-TE AD-L809B-T1 AA-L810D-TE AA-M090B-TE AA-N831A-TE AV-N385A-TE AA-M431C-TE</p>	

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX DECOR	25.05.01 AE-N757B-TE QC451 (730 system) QD451 (750 system) QE451 (780 and 782 systems) Base Operating System: VAX-11 DECOR User's Manual Guide to Writing VAX-11 DECOR Handler VAX-11 DECOR Installation Guide and Release Notes VAX-11 DECOR Programmer's Reference Card	V1 9/82 VAX/VMS V3.1 thru V3.5 AA-P425A-TE AA-P426A-TE AA-P427A-TE AV-P428A-TE			
VAX DECprom	26.49.00 AE-AH39A-TE QC620 (730 system) QD620 (750 system) QE620 (780 & 782 systems) Base Operating System: VAX DECprom User's Guide	V1 12/83 VAX/VMS V3.5 AA-W754A-TE			
VAX-11 DECrad (DECmed Radiology System)	25.77.02 AE-N417C-TE QD121 (VAX-11/750 system) QE121 (VAX-11/780 & 782 systems) Base Operating System: VAX-11 DECrad System Manager's Guide VAX-11 DECrad System Administrator's Guide VAX-11 DECrad Exam Sched Guide VAX-11 DECrad Tracking Guide VAX/DECrad Film Library Manage- ment Guide VAX-11 DECrad Diagnosis Reporting Guide VAX-11 DECrad Patient Registration Guide	V1 9/82 VAX/VMS V3 AA-M881A-TE AA-M882A-TE AA-M883A-TE AA-M884A-TE AA-M885A-TE AA-M886A-TE AA-M887A-TE			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX DECslide VAX DECspell Verifier/Corrector VAX-11 Diagnostic Program Macros Library VAX DIBOL	26.11.02 AE-X099C-TE QC361 (730 system) QD361 (750 system) QE361 (780 & 782 systems) Base Operating System: VAX-11 DECslide Quik Ref. Guide VAX-11 DECslide User's Guide Update VAX-11 DECslide Release Notes VAX-11 DECslide Keypad Ref Card Installing VAX-11 DECslide	V1 8/83 VAX/VMS V3.4 AA-V910A-TE AA-V911A-TE AA-V912A-TE AV-X696A-TE AA-V915A-TE	V1.1 12/83 VAX/VMS V3.5 AA-V910A-TE AA-V911A-TE AD-V911A-T1 AA-V912A-TE AV-X696A-TE AA-V915A-TE		
	See SPD 26.34.02 AE-X681C-TE QC650 (730 systems) QD650 (750 systems) QE650 (780 & 782 systems) Base Operating System: DECspell Installation Guide	V1 6/83 VAX/VMS V3.4, V3.5 AA-X571A-TE			
	ZE045 26.25.01 AE-V897B-TE Base Operating System:	V1 6/83 VAX/VMS			
	25.49.05 AE-M383F-TE QD018 (750 system) QE018 (780 and 782 systems) QC018 (730 system) Base Operating System:	V1 2/82 VAX/VMS 2.5, V3	V1.1 10/82 VAX/VMS V3.1, 3.2, 3.3	V2 7/83 VAX/VMS V3.4, V3.5	V2.1 12/83 VAX/VMS V3.5
	VAX-11 DIBOL User's Guide Update VAX-11 DIBOL Language Ref Man VAX-11 DIBOL Release Notes and Installation Guide PRO TK: Introduction to DIBOL VAX-11 DIBOL Reference Card DIBOL-83 Language Ref Man Update DIBOL-83 Compatibility Manual VAX-11 DIBOL Message Manual Update DIBOL-83 Language Reference Card	AA-L689A-TE AA-L690A-TE AA-L691A-TE AV-M552A-TE	AA-L689A-TE AA-L690A-TE AA-L691B-TE AV-M552A-TE	AA-L689B-TE Obsolete AA-L691C-TE AA-P042A-TK AA-U066A-TK AA-V810A-TK AA-V881A-TE	AA-L689B-TE AD-L689B-T1 AA-L691D-TE AA-P042A-TK AA-U066A-TK AD-U066A-T1 AA-V810B-TK AA-V881A-TE AD-V881A-T1 AV-U067A-TK

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX Driver for 11C03	25.56.02 AE-L906C-TE 11C03 (all systems)	V1 10/81	V2 9/83		
	Base Operating System: 11C03 Communications Interface User's Guide	VAX/VMS V2.4	VAX/VMS V3.4, V3.5 AA-R253A-TE		
VAX DN11 Driver	25.96.01 AE-N872B-TE QC170 (730 system) QD170 (750 system) QE170 (780 system) Base Operating System: VAX-11 DN11 Driver User's Manual VAX-11 DN11 Driver Release Notes	V1 10/82 VAX/VMS V3 thru V3.5 AA-N438A-TE AA-M440A-TE			
VAX DRE11-C Device Driver	26.17.01 AE-W585A-TE QCS35 (VAX-11/730 system) QDS36 (VAX-11/750 system) QES36 (VAX-11/780 & 782 systems) Base Operating System:	V4.2 6/83 VAX/VMS V3.4			
VAX DR11-C Driver	25.97.01 AE-N871B-TE QD171 (750 system) QE171 (780 system) Base Operating System: VAX-11 DR11-C Driver User's Man. VAX-11 DR11-C Driver Rel. Notes	V1 VAX/VMS V3 thru V3.5 AA-N441A-TE AA-N443A-TE			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX DSM	25.08.07 AE-K412H-TE QC130 (730 system) QD130 (750 system) QE130 (780 and 782 systems) Base Operating System: VAX-11 DSM Summary VAX-11 DSM Language Reference Guide VAX-11 DSM User's Guide Introduction to DSM VAX-11 RMS Tuning Guide VAX-11 RMS Utilities Ref.Man.	V1 10/80 VAX/VMS V2.1, 2.2, 2.3 AV-J416A-TE AA-J415A-TE AA-H800A-TE	V1.1 12/81 VAX/VMS V2.4 AV-J416A-TE AA-J415A-TE AA-H800A-TE AA-K676A-TK	V1.2 6/82 VAX/VMS V2.5,V3 AV-J416A-TE AA-J415A-TE AA-H800A-TE AA-K676A-TK	V2 10/82 VAX/VMS V3.2 thru V3.5 AV-J416B-TE AA-J415B-TE AA-H800B-TE AA-K676A-TK AA-M542A-TE AA-M554A-TE
VAX DT07	25.88.01 AE-P080B-TE QCS32 (730 system) QDS32 (750 system) QES32 (780 and 782 systems) Base Operating System:	V1 VAX/VMS V3.1 thru V3.5			
VAX DY32 DECdataway Local Area Network Software	25.57.05 AE-L879F-TE QC220 (730 system) QD220 (750 system) QE220 (780 system) Base Operating System: VAX-11 DY32 System Manager's Guide Update VAX-11 DY32 Applications Programming Guide Update VAX-11 DY32 Release Notes VAX-11 DY32 Installation Summary VAX-11 DY32 TT Programming Guide VAX-11 DY32 Programmer's Reference Card	V1 10/81 VAX/VMS V2.4 AA-K021A-TE AA-K022A-TE AA-L881A-TE	V1.1 5/82 VAX/VMS V3 AA-K021A-TE AD-K021A-T1 AA-K022A-TE AA-L881A-TE AA-M793A-TE AV-M907A-TE	V2 3/83 VAX/VMS V3.2 AA-K021B-TE obsolete AA-K022A-TE AD-K022A-T1 AA-L881D-TE AA-M793A-TE AA-P653A-TE AV-M907A-TE	V2.1 6/83 VAX/VMS V3.4.V3.5 AA-K021B-TE AA-K022A-TE AD-K022A-T1 AA-L881D-TE AA-M793A-TE AA-P653A-TE AV-M907B-TE

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX FMS	26.10.02 AE-R440C-TE Base Operating System: Introduction to VAX-11 FMS VAX-11 FMS Form Driver Ref Man VAX-11 FMS Utility Ref Man VAX-11 FMS Installation Guide and Release Notes VAX-11 FMS Language Interface Manual VAX-11 FMS Mini Reference Pocket Guide	V2 3/83 VAX/VMS V3.2 AA-L318A-TE AA-L319A-TE AA-L320A-TE AA-L321A-TE AA-N209A-TE AV-L322A-TE	V2.1 9/83 VAX/VMS V3.4, V3.5 AA-L318A-TE AA-L319A-TE AA-L320A-TE AA-L321B-TE AA-N209A-TE AV-L322A-TE		
VAX FORTRAN	25.16.16 AE-C773Q-TE QC100 (730 system) QD100 (750 system) QE100 (780 and 782 systems) Base Operating System: VAX-11 FORTRAN Language Reference Manual VAX-11 FORTRAN User's Guide VAX-11 FORTRAN Installation Guide and Release Notes VAX-11 FORTRAN Language Summary	V3.1 9/82 VAX/VMS V3 AA-D034C-TE AA-D035C-TE AA-H953B-TE	V3.2 3/83 VAX-VMS V3.2 AA-D034C-TE AA-D035C-TE AA-H953B-TE	V3.31 7/83 VAX/VMS V3.4 AA-D034C-TE AA-D035C-TE AA-H953B-TE AV-M763A-TE	V3.4 10/83 VAX/VMS V3.4, V3.5 AA-D034C-TE AA-D035C-TE AA-H953B-TE AV-M763A-TE
VAX-11 KDT21	26.04.00 AE-Y990A-TE QC128 (VAX-11/730 system) QD128 (VAX-11/750 system) QE128 (VAX-11/780 & 782 systems) Base operating system:	V1 9/83 VAX/VMS V3.4			
VAX-11 KMS11-BD/BE X.25 Link Level Software	25.80.0 AE-N143A-TE QD757 (750 system) QE757 (780 system) Base Operating System: VAX KMS11-BD X.25 Driver User's Guide X.25 KMS11-BD Firmware User's Guide VAX-11 KMS22-BD/BE Rel. Notes	V1 8/82 VAX/VMS V3 AA-N711A-TE AA-N718A-TE AV-P378A-TE			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX LIMS/SM Laboratory Information Management System/ Sample Management	26.18.00 AE-Y4448A-TE QC456 (VAX-11/730 system) QD456 (VAX-11/750 system) QE456 (VAX-11/780 & 782 systems) (Requires specific software. See SPD.) Base Operating System:	V1 10/83 VAX/VMS V3.4			
VAX MDE	See SPD 25.87.01 AE-N336B-TE Base Operating System:	V1 8/82 VAX/VMS V3 thru V3.5			
VAX NTR	MDE/T-11 User's Guide and Reference Manual MDE/T-11 Installation Guide and Release Notes MDE/T-11 Reference Card 25.68.01 AE-Y159B-TE QC710 (730 system) QD710 (750 system) QE710 (780 & 782 systems) Base operating system:	AA-M845B-TE AA-M847B-TE AV-M846B-TE V1 8/83 VAX/VMS V3.4, V3.5			
VAX PASCAL	VAX-11 NTR User's Guide VAX-11 NTR Station Manager's Gd. VAX-11 NTR V1 Release Notes 25.11.13 AE-H849N-TE QC126 (730 system) QD126 (750 system) QE126 (780 and 782 systems) Base Operating System:	AA-N729A-TE AA-N730A-TE AA-N731A-TE V2 9/82 VAX/VMS V3.1	V2.1 3/83 VAX/VMS V3.2	V2.2 7/83 VAX/VMS V3.4	V2.3 10/83 VAX/VMS V3.5
	VAX-11 PASCAL Language Refer- ence Manual VAX-11 PASCAL User's Guide VAX-11 PASCAL Primer VAX-11 PASCAL Installation and Release Notes Programming in VAX-11 PASCAL PASCAL Language Summary	AA-H484C-TE AA-H485C-TE AA-J180B-TE AA-J181C-TE AV-L368A-TE	AA-H484C-TE AA-H485C-TE AA-J180B-TE AA-J181C-TE AV-L368A-TE	AA-H484C-TE AA-H485C-TE AA-J180B-TE AA-J181C-TE AA-L639A-TE AV-L368A-TE	AA-H484C-TE AA-H485C-TE AA-J180B-TE AA-J181D-TE AA-L639A-TE AV-L368A-TE

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX PCL	26.23.01 AE-V630B-TE QCS33 (VAX-11/730 system) QDS33 (VAX-11/750 system) QES33 (VAX-11/780 & 782 systems) Base Operating System: VAX-11 PCL Driver User's Guide	V1 6/83 VAX/VMS V3.2 thru V3.5 AA-N724A-TE			
VAX PL/I	25.30.08 AE-J971I-TE QD114 (750 system) QE114 (780 and 782 systems) QC114 (730 system) Base Operating System: Introduction to VAX-11 PL/I VAX-11 PL/I Encyclopedia Reference Manual VAX-11 PL/I Installation and Management Guide Updates Installing VAX-11 PL/I VAX-11 PL/I User's Guide VAX-11 PL/I Language Summary Card VAX-11 PL/I Guide to Program Debugging Programming in VAX-11 PL/I	V1.2 9/81 VAX/VMS V2.4 AA-H950A-TE AA-H952A-TE AA-J179A-TE AD-J179A-T1, T2 AA-H951A-TE AV-J757A-TE AA-K221B-TE AA-L057A-TE	V1.3 3/82 VAX/VMS V2.5, V3 AA-H950A-TE AA-H952A-TE AA-J179A-TE AD-J179A-T1, T2, T3 AA-H951A-TE AV-J757A-TE AA-K221B-TE AA-L057A-TE	V1.4 10/82 VAX/VMS V3.1	V2.0 9/83 VAX/VMS V3.4, V3.5 AA-H950B-TE AA-H952B-TE Superseded Obsolete AA-J179C-TE AA-H951B-TE AV-J757B-TE AA-K221C-TE AA-L057B-TE
VAX Producer	26.52.00 AE-AU46A-TE QC040 (730 systems) QD040 (750 systems) QE040 (780 & 782 systems) Base Operating System: VAX Producer Pocket Ref Guide VAX Design Reference Manual VAX Drawing User's Guide VAX Design User's Guide VAX Producer Installation Guide VAX Producer Student Guide VAX Producer Introduction Sheet	V1 1/84 VAX/VMS V3.5 AA-AK70A-TE AA-AK71A-TE AA-AK72A-TE AA-AK73A-TE AA-AK74A-TE AA-AT31A-TE AV-AK69A-TE			

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
VAX Producer Interpreter	26.53.00 AE-AU47A-TE QC041 (730 systems) QD041 (750 systems) QE 041 (780 and 782 systems) Base Operating System: VAX Producer Interpreter Introduction Sheet	V1 1/84 VAX/VMS V3.5 AV-AJ50A-TE			
VAX-11/PROVUE Graphic Display Control System	25.84.1 AE-N214B-TE QDS83 (750 system) QES83 (780 & 782 systems) Base Operating System: VSV11-M V2 Software Driver Guide VT36 V1 System Manager's Guide PROVUE System Build Manual PROVUE Terminal User's Guide PROVUE Offline Picture Edit. Sys. PROVUE Online Picture Edit. Sys. PROVUE Programming Guide PROVUE Utility Guide VT36 V1 Release Notes PROVUE V2 Release Notes	V1 8/82 VAX/VMS V3 AA-J287B-TK AA-M021A-TK AA-M022A-TK AA-M023A-TK AA-M024A-TK AA-M025A-TK AA-M026A-TK AA-M027A-TK AA-M089A-TK	V2 3/83 VAX/VMS V3.2 AA-M022B-TK AA-M023B-TK AA-M024B-TK AA-M025B-TK AA-M026B-TK AA-M027B-TK AA-M089B-TK		
VAX PSI Packetnet System Interface	25.40.06 AE-L066G-TE QC071 (730 system) QD071 (750 system) QE071 (780 & 782 systems) Base Operating System: Introduction to VAX-11 PSI Updates VAX-11 PSI System Manager's Guide Update VAX-11 PSI Installation Procedures Update VAX-11 PSI User's Guide Update (Continued)	V1.1 4/82 VAX/VMS V2.5 AA-L067A-TE AD-L067A-T1 AA-L068A-TE AD-L068A-T1 AA-L069B-TE AA-L070A-TE AD-L070A-T1	V1.2 6/82 VAX/VMS V3 AA-L067A-TE AD-L067A-T1 AA-L068A-TE AD-L068A-T1 AA-L069C-TE AA-L070A-TE AD-L070A-T1	V2 6/83 VAX/VMS V3.3 AA-L067A-TE AD-L067A-T1, T2 AA-L069D-TE	V2.1 9/83 VAX/VMS V3.4, V3.5 AA-L067A-TE AD-L067A-T1, T2 AA-L069D-TE AD-L069D-T1

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
<p>VAX ReGIS Graphics Library (RGL)</p> <p>VAX Smart Mailer</p> <p>VAX-11 SPM</p>	<p>VAX-11 PSI Net Specific Information VAX-11 PSI V1.1 Release Notes VAX-11 PSI V1.2 Release Notes VAX-11 PSI V2.1 Release Notes VAX-11 PSI Configuration Guide-Lines [Restricted - Software Specialists only] VAX-11 PSI Guide to Using X.29 VAX-11 PSI X.25 Programmer's Guide DECnet-VAX System Manager's Guide</p> <p>25.62.02 AE-L761C-TE QD118 (750 system) QE118 (780 and 782 systems) QC118 (730 system)</p> <p>Base Operating System:</p> <p>VAX-11 RGL Programmer's Reference Manual VAX-11 RGL Installation Guide for VT125 VAX-11 RGL Release Notes for VT125</p> <p>26.19.01 AE-X542B-TE QCA03 (730 system) QDA03 (750 system) QEA03 (780 & 782 systems)</p> <p>Base operating system:</p> <p>VAX-11 Smart Mailer System Manager's Guide Smart Mailer User's Guide VAX Smart Mailer Release Notes</p> <p>QSP35 SO.16.01 AE-R419B-TE</p> <p>Base Operating System:</p>	<p>AA-L071B-TE</p> <p>AA-L072B-TE</p> <p>AA-M368A-RE</p> <p>V1 8/81</p> <p>VAX/VMS V3 thru V3.5</p> <p>AA-K020A-TE</p> <p>AA-M214A-TE</p> <p>AA-M493A-TE</p> <p>V1 8/83</p> <p>VAX/VMS V3.4, V3.5</p> <p>AA-U279A-TE</p> <p>AA-V201A-TK AV-BB31A-TE</p> <p>V1 3/83</p> <p>VAX/VMS V3.2</p>	<p>AA-L071B-TE</p> <p>AA-L072C-TE</p> <p>AA-M368A-RE</p> <p>AA-L072D-TE</p> <p>AA-M368B-RE</p> <p>AA-N082A-TE AA-N801A-TE</p> <p>AA-R190A-TE</p> <p>V1.1 8/83</p> <p>VAX/VMS V3.4</p>	<p>AA-L072E-TE AA-M368B-RE</p> <p>AA-N082A-TE AA-N801A-TE</p> <p>AA-H803C-TE</p>	

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
<p>VAX TDMS (Terminal Data Management System)</p> <p>VAX-11 VIGL VS(V)11 Interactive Graphics Library</p>	<p>See SPD 25.71.03 AE-P785C-TE</p> <p>(Requires VAX-22 Common Data Dictionary)</p> <p>Base Operating System:</p> <p>VAX-11 TDMS Summary Description Update VAX-11 TDMS Installation Guide VAX-11 TDMS Forms Manual Update VAX-11 TDMS Request Manual Update VAX-11 TDMS Applications Programmer's Manual Update VAX-11 TDMS Sample Applications Manual Update VAX-11 TDMS Release Notes VAX-11 TDMS Teletype Operator's Card VAX-11 TDMS Quick Reference Guide VAX-11 TDMS Form Definer's Card VAX-11 TDMS Introduction Demo VAX-11 TDMS Library Demo VAX-11 TDMS Form Definers Card</p> <p>25.94.1 AE-N591B-TE QCS30 (730 system) QDS30 (750 system) QES30 (780 & 782 systems)</p> <p>Base Operating System:</p>	<p>V1 6/83</p> <p>VAX/VMS V3.2</p> <p>AA-M056A-TE AA-M057A-TE AA-M058A-TE AA-M059A-TE AA-M060A-TE AA-M061A-TE AA-M062A-TE AV-N460A-TE AV-P466A-TE AV-P549A-TE</p> <p>V1 11/82</p> <p>VAX/VMS V3.1,V3.2</p>	<p>V1.2 9/83</p> <p>VAX/VMS V3.4,V3.5</p> <p>AA-M056A-TE AD-M056A-T1 AA-M057C-TE AA-M058A-TE AD-M058A-T1 AA-M059A-TE AD-M059A-T1 AA-M060A-TE AD-M060A-T1 AA-M061A-TE AD-M061A-T1 AA-M062C-TE AV-N460A-TE AV-P466A-TE AV-P467C-TE AV-X350A-TE AV-X639A-TE AV-P549A-TE</p>		

PRODUCT NAME	KIT # SPD #	VAX/VMS Based Products and Documentation			
<p>VMCS (VAX Manufacturing Control System)</p> <p>VS11-VAX Driver</p>	<p>25.70.0 AE-N167A-TE QD412 (750 system) QE412 (780 & 782 systems)</p> <p>Base Operating System:</p> <p>25.45.04 AE-K852E-TE QDS28 (750 system) QES28 (780 and 782 systems) QCS28 (730 system)</p> <p>Base Operating System:</p> <p>VS11 V1/VAX Software Driver Guide VS11-VAX V2 Software Driver Guide VS11-VAX V2.2 Software Driver Gd.</p>	<p>V1 8/82</p> <p>VAX/VMS V3</p> <p>V1 2/81</p> <p>VAX/VMS V2.2, V2.3</p> <p>AA-K793A-TE</p>	<p>V2 12/81</p> <p>VAX/VMS V2.4</p> <p>AA-K793B-TE</p>	<p>V2.1 10/82</p> <p>VAX/VMS V3.1</p> <p>AA-K793B-TE</p>	<p>V2.2 8/83</p> <p>VAX/VMS V3.4</p> <p>AA-K793C-TE</p>

HARDWARE ITEM	VAX SUPPORTING SYSTEMS									
	11/780 11/782	11/750	11/730	11/725						
<u>CPU'S</u>										
VAX-11/780	X									
VAX-11/750		X								
VAX-11/730			X							
VAX-11/725 (See VAX Systems and Option Summary for configuration details)				X						
<u>CPU OPTIONS</u>										
FP780 Floating Point Accelerator	X									
FP750 Floating Point Accelerator		X								
FP730 Floating Point Accelerator			X	X						
KE780 Extended Range G & H Floating Point Data Type	X									
H7112 Memory Battery Backup	X	X	-							
KC730	-	-	X	X						
KU780 User Writable Control Storage (G and H Floating Point, no tools)	X ¹									
KU750 User Writable Control Storage (incl. tools)		X								
MS780-C Memory Controller with 512K bytes	X									
MS750-D Memory Controller with 1 MB bytes		X								
MS730	-	-	X	X						
MS780-D Memory Increments (256KB, 512KB, 1024KB, 2048KB)	X									
MS780-C Memory Increments (1MB, 2MB, 3MB, 4MB, 5MB, 10MB)		X								
MS780-E 64K Memory and Controller	X ¹									
MS780-F 64K Memory (Continued)	X ¹									
1 Not on VAX-11/782.										

HARDWARE ITEM	VAX SUPPORTING SYSTEMS									
	11/780	11/782	11/750	11/730	11/725					
<u>CPU Options (Continued)</u>										
DW780 UNIBUS Adapter (up to system total of 4)	X									
RH780 Massbus Adapter (up to 4)	X									
DW750 UNIBUS Adapter			X							
UDA50 Unibus Disk Adapter	X	X		X						
DR780 high performance general purpose interface	X ¹									
DR750 high performance general purpose interface			X							
<u>UPGRADE OPTIONS</u>										
782UP	X									
<u>CLOCKS</u>										
VAX Standard Clocks (programmable interval and time-of-year)	X	X		X						
1 Not on VAX-11/782.										

HARDWARE ITEM	VAX SUPPORTING SYSTEMS							
	11/780 11/782	11/750	11/730	11/725				
<u>DISKS</u>								
RC25 26 megabyte fixed/26 megabyte removable				X				
REP07 500M byte Disk Pack	X							
RGP07 500M byte Disk Pack			X					
RGP06 176M byte Disk Pack			X					
REM05 256M byte Disk	X							
RGM05 256M byte Disk			X					
REM80 124M byte fixed	X							
RGM80 124M byte fixed			X					
RL02 Cartridge Disk Drive	X	X	X					
RL211 Top loading removable Cartridge Drive and Controller	X	X	X					
R80	-	-	X					
RX211 Floppy disk	X	X	X					
RA80	X	X	X					
RA81	X	X	X					
RA60	X	X	X					
RM05	X	X						
RM07	X	X						
RP07	X	X						

HARDWARE ITEM	VAX SUPPORTING SYSTEMS									
	11/780	11/782	11/750	11/730	11/725					
<u>MULTIPOINT MEMORY</u>										
MA780-A Multiport memory subsystem	X ¹									
MA780-B Multiport memory expander	X ¹									
MA780-E	X ¹									
MA780-F	X ¹									
<u>TAPES</u>										
TE16 9-channel magnetic tape, 45 in/sec 800 bits/in (NRZI), 1600 bits/in (PE)	X		X							
TEU77 9-channel magnetic tape, 125 in/sec, autoloader, 800 bits/in (NRZI), 1600 bits/in (PE)	X									
TGU77 9-channel magnetic tape, 125 in/sec, autoloader, 800 bits/in (NRZI), 1600 bits/in (PE)				X						
TU78 7-channel magnetic tape, 125 in/sec, autoloader, 1600 bits/in (NRZI), 6250 bits/in (PE)	X		X							
TS11 1600 bits/in, 45 in/sec Unibus tape drive ²	X		X	X						
TU80 Streaming tape drive	X		X	X						
TM78 TU78 Dual Port Kit	X		X							
TGE16				X						
TEE16	X									
TEU78	X									
TGU78				X						
1 Not on 782.										
2 No longer sold, but supported.										

HARDWARE ITEM	VAX SUPPORTING SYSTEMS									
	11/780	11/782	11/750	11/730	11/725					
<u>LINE PRINTERS</u>										
LP11-A	X		X	X						
LP11-B	132 column, 64 to 94 char band printer	X		X	X					
LP11-C	132 column, 64 char, 900 line/min	X		X	X					
LP11-D	132 column, 96 char, 660 line/min	X		X	X					
LP11-E		X		X	X					
LP11-G		X		X	X					
LP11-W	132 column, 96 char, 230 line/min	X		X	X					
LP11-KK		X		X	X					
LP32		X		X	X	X				
LP27U		X		X	X					
LQP02	Letter Quality Printer	X		X	X					
LN01-AA	12-page/min Electronic Laser printer/copier	X		X	X	X				
LXY12	Upgrade of LXY11	X		X	X	X				
LXY22	Upgrade of LXY21	X		X	X	X				
<u>CARD READERS</u>										
CR11	300 cards/min, 80-column punched cards	X		X	X					

HARDWARE ITEM	VAX SUPPORTING SYSTEMS									
	11/780	11/782	11/750	11/730	11/725					
<u>TERMINALS</u>										
LA12	X		X	X	X					
LA34 (See note 1.)	X		X	X	X					
LA100	X		X	X	X					
LA120 DECwriter II 180 char/sec hardcopy terminal, bidirectional printing, 1K char. buffer with horizontal and vertical skipping.	X		X	X	X					
LA38 DECwriter IV, desk-top microprocessor-driven terminal, 300 baud, 30 char/sec with print burst speed up to 45 char/sec. (See note 1.)	X		X	X	X					
VT100 Video display terminal; choice of double width, double-size characters, 80 columns x 24 lines or 132 columns x 14 lines, 95-char. detachable keyboard, smooth scrolling, split screen, reverse video, composite video.	X		X	X	X					
VT101	X		X	X	X					
VT102	X		X	X	X					
VT125	X		X	X	X					
VT131 EIA Buffered nonexpandable CRT with video	X		X	X	X					
VT220, VT240, VT241	X		X	X	X					
RT100, RT102, RT103 Ruggedized Terminals (VT100, VT102 VT103)	X		X	X	X					
RT701 Bar Code Reader	X		X	X	X					
RT137	X		X	X	X					
VS11 Graphics Terminal	X		X							
PROVUE Graphics Terminal	X		X							
1 No longer sold, but still supported.										

HARDWARE ITEM	VAX SUPPORTING SYSTEMS									
	11/780	11/782	11/750	11/730	11/725					
<u>COMMUNICATIONS INTERFACE</u> (ASYNCHRONOUS)										
DZ11 8-line multiplexer, switch selectable speeds and options or 16-line multiplexer modules	X		X	X	X					
DZ32	X		X	X						
DMF32 8-line multiplexer	X		X	X	X					
FEPCM Front-end Processor	X		X	-	-					
<u>COMMUNICATIONS INTERFACE</u> (SYNCHRONOUS)										
DMR11 single line, DMA (DDCMP protocol)	X		X	X	X					
DUP11 single line, programmable interface for 2780/3780 software (requires QE111-AY 2780/3780 Protocol Emulator; or QE112 (780 system) or QD112 (750 system) 3271 Protocol Emulator; or QE071 (780 system) or QD071 (750 system) VAX-11 PSI)	X		X	X						
DMP-11	X		X	X						
KMS11-B/DE multiline, programmable DMA Mux	X ¹		X ¹	-						
FEPCM Front-end Processor	X		X	-	-					
<u>OTHER HIGH SPEED INTERCONNECT</u>										
CI780 Starter Kit	X									
CS11-MA Communication Line Switch, Synchronous or Asynchronous	X		X							
DEUNA-AA Ethernet to Unibus Communications	X		X	X						
1 Supported only with QD071, QE071 V1.2 and beyond (VAX PSI), or with VAX-11 KMS11-BD/E x.25 link level software V1 (QD757 or QE757).										

HARDWARE ITEM	VAX SUPPORTING SYSTEMS							
	11/780 11/782	11/750	11/730	11/725				
<u>MISCELLANEOUS</u>								
CMR21 Stand-alone industrial controller	X	X	X					
DR11W Unibus general purpose interface ¹	X	X	X					
DT07 UNIBUS Switch ¹	X	X	X					
SC008 Star Coupler	X	X						
DF11-WA DR11-W 250-foot Maximum Buffer M5935	X	X						
¹ No longer sold, but still supported.								

HARDWARE ITEM	VAX SUPPORTING SYSTEMS									
	11/780	11/782	11/750	11/730	11/725					
<u>COMPUTER SPECIAL SYSTEMS (CSS)</u> ¹										
COLOR GRAPHICS										
VS11 UNIBUS Raster Graphics	X		X	X						
PRINTERS AND PLOTTERS										
LXY12 300 LPM	X		X	X						
LXY22 600 LPM	X		X	X						
LP27 1200 line/minute Band Printer	X		X	X	X					
MULTIPROCESSORS										
PCL11-B Multiple CPU Link	X		X							
DT07	X		X	X						
INPUT/OUTPUT										
DRS11 DIGITAL Output Option	X		X							
DRU11 Alternate Buffer	X		X	X						
DSS Digital Input Option	X		X							
IEU11 Bus Interface	X		X	X						
DRE11 Alternate Buffer	X		X	X						
IEC11-AB Unibus Interface/IEEE 488	X		X							
STATISTICAL MULTIPLEXERS										
DECmux Terminal Concentrator DZS-11EA	X		X	X	X					
DFM Intelligent Communications Processor	X		X	X						
¹ CSS options are not necessarily supported by VAX/VMS. Check availability of support with CSS.										

HARDWARE ITEM	VAX SUPPORTING SYSTEMS							
	11/780 11/782	11/750	11/730	11/725				
<u>COMPUTER SPECIAL SYSTEMS (CSS)</u> ¹ (Continued)								
TERMINALS								
RT100 Industrial Terminal	X	X	X	X				
RT102 Industrial Terminal	X	X	X	X				
RT103 Intelligent Industrial Terminal	X	X	X	X				
RT137 Bar Code Terminal	X	X	X	X				
RT037 Bar Code Display Terminal	X	X	X					
APL Video Terminal	X	X	X					
COMMUNICATIONS								
KMS11-BD/BE Multiline Communications Processor	X	X	X					
KMS11-P Single Line VAX/PSI Comm. Processor	X	X	X					
KCT32 Two-line Communications Processor	X	X	X					
DZS11-EA 8-line Statistical Mux (M7190)	X	X	X					
¹ CSS options are not necessarily supported by VAX/VMS. Check availability of support with CSS.								

LANGUAGES	VAX/VMS SUPPORTING SYSTEMS									
	VMS									
	11/780	11/782	11/750	11/730	11/725					
<u>LANGUAGES</u>										
VAX APL	X	X	X	X						
VAX BLISS-32	X	X	X	X						
VAX COBOL-74	X	X	X	X						
VAX COBOL	X	X	X	X						
VAX BASIC	X	X	X	X						
VAX CORAL 66	X	X	X	X						
VAX DIBOL	X	X	X	X						
VAX PL/I	X	X	X	X						
VAX PASCAL	X	X	X	X						
VAX FORTRAN	X	X	X	X						
VAX DSM	X	X	X							
VAX C	X	X	X	X						

SYSTEM FEATURES AND UTILITIES	VAX/VMS SUPPORTING SYSTEMS									
	VMS									
	11/780	11/782	11/750	11/730						
User Environment Test Package (UETP)	X	X	X	X						
System Generation Utility	X	X	X	X						
Batch Controller	X	X	X	X						
Real Time	X	X	X	X						
Text Processing	X	X	X	X						
Mail Facility	X	X	X	X						
Disk I/O	X	X	X	X						
Command Level Programming	X	X	X	X						
Debugger	X	X	X	X						
Sort/Merge	X	X	X	X						
Librarian Utility	X	X	X	X						
Patch Utility	X	X	X	X						
Paging	X	X	X	X						
Swapping	X	X	X	X						
Power Fail/Recovery	X	X	X	X						
User Authorization Control Program	X	X	X	X						
Bootstrap Utility	X	X	X	X						
Accounting Manager	X	X	X	X						
Message Utility	X	X	X	X						
Error Logging and Print Utility	X	X	X	X						
Help Facility	X	X	X	X						
DCL Command Interpreter	X	X	X	X						
MCR Command	X	X	X	X						

SYSTEM FEATURES AND UTILITIES	VAX/VMS SUPPORTING SYSTEMS									
	VMS									
	11/780	11/782	11/750	11/730	11/725					
Display Utility	X	X	X	X						
Login Facility	X	X	X	X						
Network Command Terminal Utility	X	X	X	X						
Install Utility	X	X	X	X						
Disk Quota Utility	X	X	X	X						
Disk Save and Compare Utility	X	X	X	X						
Backup/Restore Utility	X	X	X	X						
File Structure Verification Utility	X	X	X	X						
File Difference Utility	X	X	X	X						
Dump Utility	X	X	X	X						
System Dump Analyzer	X	X	X	X						
Bad Block Locator Utility	X	X	X	X						

PRODUCT NAME	KIT # SPD #	PDP-8 Software Product Versions - System Software						Page
		V8.01	V8.02	V9	V9.1	V9.2	V9.3	
COS-310	QF310 5.98.16	V8.01 5/79	V8.02 5/80	V9 5/81	V9.1 7/82	V9.2 3/83	V9.3 12/83	3-2
DECMATE II		V1 8/83	V1.1 7/83					3-4
OS/8 Combined Kit	QF024 4.4.3	V3D 6/79						3-6
WPS-8	See SPD 5.94.8	V1.0 6/76	V2.0 3/77	V2.7 11/77	V3.1 3/79			3-8
Miscellaneous								3-18
Hardware Support								3-19

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - COS-310 Based Kits			
COS-310	QF310 5.98.16 AE-0841Q-TA COS-310 System Reference Manual Updates COS-310 System Reference Card COS-310 New User's Guide Update COS-310 Release Notes and Installation Guide DIBOL-8 Language Ref. Man. Update COS-310 DIBOL-11 Language Reference Manual Update DIBOL-11 Language Reference Card	V9 5/81 AA-D647B-TA AV-D757B-TA AA-D758B-TA AA-J215B-TA AA-J326A-TA AA-L343A-TA AV-L269A-TC	V9.1 7/82 AA-D647B-TA AD-D647B-T1 AV-D757B-TA AA-D758B-TA AD-D758B-T1 AA-J215C-TA AA-J326A-TA AD-J326A-T1 AA-L343A-TA AD-L343A-T1 AV-L269A-TC	V9.2 11/82 AA-D647C-TA obsolete AV-D757C-TA AA-D758C-TA obsolete AA-J215D-TA AA-J326B-TA obsolete AA-L343B-TA obsolete AV-L269B-TC	V9.3 12/83 AA-D647C-TA AD-D647C-T1 AV-D757C-TA AA-D758C-TA AA-J215E-TA AA-J326B-TA AD-J326B-T1 AA-L343B-TA AD-L343B-T1 AV-L269B-TC
COS-310 2780/ 3780 RDCP	QF312 6.11.8 AE-0864I-TA Base Operating System: COS-310 2780/3780 User's Guide COS-310 2780/3780 Release Notes and Installation Guide COS-310 2780/3780 Implementation Notes	V8.01 9/79 COS-310 V8.01	V9 10/81 COS-310 V9	V9.2 4/83 COS-310 V9.2	
DIBS Accounts Payable	QFA15 5.19.4 AE-K963E-TA DIBS Accounts Payable Operator's Manual Update 1 DIBS Installation and Update Guide DIBS V2.4 (B/F) Rel Notes	V2.1 3/81	V2.3 5/81 AA-J471B-TA AD-J471B-T1	V2.4 9/82 AA-J471C-TA AD-J471C-T1 AA-N498B-TA AV-Z920A-TA	

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - COS-310 Based Kits			
DIBS Accounts Receivable	QFA16 5.20.4 AE-K964E-TA DIBS Accounts Receivable Operator's Manual Update 1 DIBS Installation and Update Guide DIBS V2.4 (B/F) Rel Notes	V2.1 3/81	V2.3 5/81 AA-J472A-TA AD-J472A-T1	V2.4 9/82 AA-J472B-TA AD-J472B-T1 AA-N498B-TA AV-Z920A-TA	
DIBS General Ledger	QFA17 5.21.4 AE-K965E-TA DIBS General Ledger Operator's Manual Update 1 DIBS General Ledger Release Notes, V2.2 DIBS Installation and Update Guide DIBS V2.4 (B/F) Rel Notes	V2.2 3/81 AA-J475B-TA AA-K981A-TA	V2.3 5/81 AA-J475B-TA AD-J475B-T1 AA-K981A-TA	V2.4 9/82 AA-J475C-TA AD-J475C-T1 Obsolete AA-N498B-TA AV-Z920A-TA	
DIBS Invoicing/ Inventory	QFA18 5.22.4 AE-K966E-TA DIBS Invoicing and Inventory Operator's Manual Update 2 DIBS Installation and Update Guide DIBS V2.4 (B/F) Rel Notes	V2.1 3/81	V2.3 5/81 AA-J474A-TA AD-J474A-T2	V2.4 9/82 AA-J474B-TA AD-J474B-T1 AA-N498B-TA AV-Z920A-TA	
DIBS Payroll	QFA19 5.23.4 AE-K967E-TA DIBS Payroll Operator's Manual Update 2 DIBS Installation and Update Guide DIBS V2.4 (B/F) Rel Notes	V2.1 3/81	V2.3 5/81 AA-J473A-TA AD-J473A-T2	V2.4 9/82 AA-J473B-TA AD-J473B-T1 AA-N498B-TA AV-Z920A-TA	
DIGITAL's Construction Management System	QFA31 5.74.3 AE-K460D-TA (COS-310 license required.) Construction Management System User's Reference Manual Update 1	V1 11/80 AA-J839A-TA	V2 2/81	V2.1 5/81 AA-J839B-TA AD-J839B-T1	

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - DECmate II Kits			
DECmate II DIBS Accounts Payable	QWA27 60.03.01 AE-W779B-TV	V1 8/83			
DECmate II DIBS Accounts Receivable	QWA26 60.04.01 AE-W780B-TV	V1 8/83			
DECmate II DIBS General Ledger	QWA29 60.05.01 AE-W781B-TV	V1 8/83			
DECmate II DIBS Invoicing/ Inventory	QWA30 60.06.01 AE-782B-TV	V1 8/83			
DECmate II DIBS Payroll	QWA28 60.07.01 AE-W783B-TV	V1 8/83			
DECmate II Construction	QWA35 60.09.00 AE-X552A-TH	V1 8/83			
DECmate II Graphics Terminal Emulator	PC27X 60.11.00 AE-AK50A-TV	V1 12/83			

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - DECmate II Kits			
DECmate II/ WPS	See SPD 60.02.01 AE-P786B-TA DECmate II Quick Lookup Guide DECmate II Using List Processing DECmate II Using Communications DECmate II Using SORT DECmate II Using Math DECmate II User's Guide Vol 1 DECmate II User's Guide Vol 2 DECmate II Primer DECmate II System Manager's Guide to Easycom DECMATE II Getting Started Card DECmate II Customer Notes DECmate II Technical Notebook	V1 1/83 AA-N182A-TA AA-N183A-TA AA-N184B-TA AA-N185A-TA AA-N186A-TA AA-N563A-TA AA-N564A-TA AA-P647A-TA AA-Z924A-TV AA-N189C-TV AV-W729A-TV AA-J356A-TK	V1.1 7/83 AA-N182A-TA AA-N183A-TA AA-N184B-TA AA-N185A-TA AA-N186A-TA AA-N563A-TA AA-N564A-TA AA-P647A-TA AA-Z924A-TV AA-N189C-TV AV-W729A-TV AA-J356A-TK		
DECmate II WPS Natural Languages	See SPD 60.08.00 AE-X371A-TV	V1.0 12/83			

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - OS/8 Based Kits			
OS/8 V3D Combined Kit	QF024 4.4.3 AE-H995D-TA OS/8 Device Extension User's Guide OS/8 Device Extension Release Notes OS/8 System Generation Notes OS/8 System Reference Manual OS/8 TECO Reference Manual OS/8 Language Reference Manual OS/8 Error Messages OS/8 Combined Kit "Read Me First" TECO Pocket Guide OS/8 FORTRAN IV Software Support Manual OS/8 Mark Sense BATCH User's Manual OS/8 Software Support Manual OS/8 V3D Release Notes	V3D 6/79 AA-D319A-TA AA-H565A-TA AA-H606A-TA AA-H607A-TA AA-H608A-TA AA-H609A-TA AA-H610A-TA AA-J016B-TA AV-D530A-TA D-S8-LFSSA-A-D D-S8-OBUGA-A-D D-S8-OSSMB-A-D D-S8-OSRNA-B-D			
OS/8 MACREL/ LINKER	QF019 4.8.3 AE-5128D-TA (Support Category C) Base Operating Systems: MACREL/LINK Release Notes OS/8 MACREL/LINK User's Manual MACREL/LINK Software Support Manual	V1A 10/77 OS/8 V3C OS/78 V1 AA-5663A-TA AA-5664A-TA	V2A 2/79 OS/8 V3D Combined Kit OS/78 V3 AA-5663B-TA AA-5664B-TA AA-J073A-TA		
OS/78 for DECmate/ DECstation	QF022 4.3.7 AE-5367H-TA OS/78 User's Manual Update 1 OS/78 Command Summary OS/78 Release Notes OS/78 Primer	V1 10/77 S8-OS78A-A-D	V2 9/78 S8-OS78A-A-D S8-OS78A-A-DN1 AV-5582A-TA AA-D927A-TA	V3 7/79 AA-5748B-TA AD-5748B-T1 AV-5582B-TA AA-D927B-TA	V4 7/81 AA-5748C-TA AA-L264A-TA

PDP-8 SUPPORT

Software Products and Documentation - OS/8 Based Kits

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - OS/8 Based Kits			
RTS/8	QF028 4.20.9 AE-0848I-TA (Packaged with MACREL/LINKER V2A) (Support Category C) Base Operating Systems: RTS/8 V2B User's Manual RTS/8 V3 User's Manual RTS/8 System Generation Manual RTS/8 V2B Release Notes RTS/8 V3 Release Notes OS/8 MACREL/LINKER User's Guide OS/8 MACREL/LINKER Release Notes (Note: QF021 kit for RTS-8 includes OS/8 binaries and manuals)	V01 5/74 OS/8 V03 OS/8 V03B OS/8 V03C	V02 9/75 OS/8 V03 OS/8 V03B OS/8 V03C 08-ORTMA-B-D	V02B 3/77 OS/8 V03 OS/8 V03B OS/8 V03C OS/8 V03D 08-ORTMA-C-D AA-5158A-BA	V3.0 3/79 OS/8 V3D Combined Kit AA-0724D-TA AA-D943A-TA AA-5158B-TA AA-5664B-TA AA-5663B-TA

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
<p>WPS-8</p> <p>WPS-8/ Diskette French- Canadian Natural Language Series</p> <p>WPS-8/ Diskette Natural Language Series</p>	<p>See SPD 5.94.8 AE-0865I-TA</p> <p>Word Processing System Reference Manual Word Processing System Reference Guide Word Processing System Tutorial Manual Using List Processing Using Communications Word Processing System Preface VT100 Word Processing WPS-8 Reference Card</p> <p>See SPD 5.76.0 AE-L877A-TA</p> <p>Fr. Canadian Documentation Directory and Glossary Fr. Canadian WPS Ref. Man. WPS-8 Natural Language V3.4 Release Notes</p> <p>See SPD 5.79.2 AE-K458C-TA</p> <p>WPS-8 System Reference Manual in French WPS-8 List Processor User's Guide in French WPS Communications Options Users Manual in French WPS-8 Natural Language V3.4 Release Notes French-Canadian Documentation Directory and Glossary French-Canadian WPS Reference Manual WPS-8 Operator's Training Manual in Dutch WPS-8 System Reference Manual in German WPS-8 List Processor User's Guide in German WPS Communications Options User's Guide in German (continued)</p>	<p>V1.0 6/77</p> <p>EK-TY8SR-RM EK-TY8SR-RC EK-TY8TM-TM</p> <p>V3.4 10/81</p> <p>AA-J979A-TA AA-K086A-TA AA-K485A-TA</p> <p>V3.4 11/80</p> <p>AA-H734C-TA AA-H837B-TK AA-H738D-TK AA-K485A-TA AA-J979A-TA AA-K086A-TA AA-H910A-TA AA-H735C-TA AA-H737B-TK AA-H739D-TK</p>	<p>V2.7 11/77</p> <p>D-08-BWPRA-A-D</p> <p>AA-5269B-TK D-08-BWCOA-B-D</p> <p>V3.5 9/81</p>	<p>V3.1 3/79</p> <p>AA-J043B-TK</p> <p>AA-J353A-TK AA-5264D-TK AV-5688C-TK AA-H989A-TA AV-J552A-TK</p>	

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
	French Documentation Directory and Glossary French WPS Reference Manual French WPS Reference Card French Using WPS Getting Started: 80 Serial Diskette Based 200 French Using List Processing French Using Communications French Using Letter Quality Printer French Using the Automatic Sheet Folder WPS-8/Diskette V3.5, 80-200 French Release Notes Dutch Documentation Directory and Glossary Dutch WPS Reference Manual Dutch WPS Reference Card Dutch Using WPS Dutch Getting Started: 80 Serial Diskette Based 200 Dutch Using List Processing Dutch Using Communications Dutch Using Letter Quality Printer Dutch Using the Automatic Sheet Folder WPS8/Diskette V3.5 80-200 Dutch Release Notes		AA-J985A-TA AA-K093A-TA AV-K274A-TA AA-K097B-TA AA-K095A-TA AA-K321A-TA AA-K322A-TA AA-J984B-TA AA-K098A-TA AA-L029A-TA AA-J981A-TA AA-K100A-TA AV-K276A-TA AA-K104A-TA AA-K101A-TA AA-K311A-TA AA-K312A-TA AA-J980B-TA AA-K105A-TA AA-L030A-TA		

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
WPS-8/Diskette 200 Series	See SPD 5.97.1 AE-K394B-TA Using Communications Documentation Directory and Glossary WPS Reference Manual Using WPS Getting Started: 80 and 200 Using List Processing WPS 80 and Diskette 200, V3.4 Release Notes WPS 80 and Diskette 200, V3.5 Release Notes Release Notes, 200 V4.4 WPS Reference Card Using WPS Document Diskette Quick Lookup Guide Managing the Disk-Based 200 Getting Started: Disk 200	V3.4 11/80 AA-5264E-TK AA-H105C-TK AA-J043C-TK AA-J318C-TK AA-J350B-TA AA-J353B-TK AA-J509B-TA AV-J552B-TK EY-DG121-SG AA-J352A-TK	V3.5 11/81 AA-5264E-TK AA-H105C-TK AA-J043C-TK AA-J318C-TK AA-J350C-TA AA-J353B-TK AA-J509C-TA AV-J552B-TK EY-DG121-SG AA-J352A-TK	V4.4 AA-5264E-TK AA-H105C-TK AA-J043C-TK AA-J318C-TK AA-J350C-TK AA-J353B-TK AA-J046E-TA AV-J552B-TK EY-DG121-SG AA-J352A-TK AA-J311B-TA AA-J312B-TA	V4.5 4/83 AA-5264F-TK AA-H105C-TK AA-J043D-TK AA-J318D-TK AA-J350C-TK AA-J353C-TK AA-J046F-TA AV-J552B-TK EY-DG121-SG AA-J352A-TK AA-J311C-TA AA-J312C-TA
DECmate I/ WPS (Formerly WPS-8/ Diskette	See SPD 6.02.03 AE-L445D-TA DECmate Word Processing Release Notes DECmate Word Processing What to do Before You Call for Help DECmate Word Processing Reference Manual DECmate Word Processing Using List Processing DECmate Word Processing Using SORT DECmate Word Processing Using Communications DECmate Word Processing Self Paced Training DECmate Word Processing Using Math DECmate Word Processing Startup Guide DECmate Word Processing Quick Look-up Guide DECmate User Documentation Map	V1 5/81 AA-K450A-TA AA-K663A-TA AA-K664A-TA AA-K665A-TA AA-K666A-TA AA-K758A-TA	V2 5/82 AA-K450B-TA AA-K331A-TA AA-K663B-TA AA-K664B-TA AA-K665B-TA AA-K666B-TA AA-K758B-TA AA-L628A-TA AA-L924A-TA AA-L511A-TA AV-M093A-TA	V2.1 10/83 AA-K450C-TA AA-K331A-TA AA-K663B-TA AA-K664B-TA AA-K665B-TA AA-K666B-TA AA-L628A-TA AA-L924A-TA AV-M093A-TA	

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
WPS-8 Diskette Natural Language DECmate Series	See SPD 6.9.2 AE-L805C-TA DECmate Owner's Guide French DECmate Reference Manual French Using Comm DECmate Series French Using List Processing DECmate French Using SORT DECmate Series French Release Notes DECmate V1 French Using WPS DECmate, Self-Paced Instruction DECmate Reference Manual Dutch Using Comm. DECmate Series Dutch Using List Processing DECmate Dutch Using SORT DECmate Series Dutch Using DECmate Self-Paced Instruction Dutch Release Notes DECmate V1 Dutch	V1 9/81 AA-L121A-TA AA-L127A-TA AA-L133A-TA AA-L136A-TA AA-L139A-TA AA-M463A-TA AA-L148A-TE AA-M510A-TA AA-M512A-TA AA-M513A-TA AA-M515A-TA AA-M517A-TA AA-M519A-TA			

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
WPS-8 Diskette 78 Series	See SPD 5.91.10 AE-5409K-TA WPS System Reference Manual Update WPS List Processing Manual WPS-8 Communications Options User's Guide Update Using Communications WPS-8 Preface WPS-8/78 V3.3 Release Notes WPS 78 Series V3.4 Release Notes WPS 78 Series V3.5 Release Notes Glossary of DIGITAL WPS Terms Documentation Directory and Glossary WPS Reference Manual WPS Installing the 78 Series Solving Problems on the 78 Using WPS Getting Started: 78 Series Using List Processing WPS Reference Card Using WPS Document Diskette Quick Lookup Guide	V3.1 3/79 AA-5267C-TA AA-5269B-TK AA-5264C-TK AD-5264C-T1 AV-5688C-TC	V3.3 2/80 AA-5267C-TA AD-5267C-T1 AA-5269B-TK AA-5264C-TK AD-5264C-T1 AV-5688C-TC AA-J508A-TA AA-H105B-TK	V3.4 11/80 AA-5264D-TK AA-J508B-TA AA-H105C-TK AA-J043C-TK AA-J056A-TA AA-J057A-TA AA-J318C-TK AA-J349B-TA AA-J353A-TK AV-J552A-TK EY-DG121-SG AA-J352A-TK	V3.5 11/81 AA-5264E-TK AA-J508C-TA AA-H105C-TL AA-J043C-TK AA-J056A-TA AA-J057A-TA AA-J318C-TK AA-J349C-TA AA-J353B-TK AV-J552B-TK EY-DG121-SG AA-J352A-TK

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
WPS-8/81, WPS-8/82	See SPD 5.89.4 AE-H586E-TA WPS System Reference Manual Update WPS List Processing Manual WPS-8 Communications Option User's Guide Update WPS-8 Preface WPS-8/81&82 V3.3 Release Notes Glossary of DIGITAL WPS Terms German Reference Manual German List Processing German Communications Options Manual German Release Notes Using Communications Documentation Directory and Glossary WPS Reference Manual Using WPS Getting Started: 80 and 200 Using List Processing WPS 80 and Diskette 200, V3.4 Release Notes WPS 80 and Diskette 200, V3.5 Release Notes Quick Look-up Guide WPS Reference Card	V3.1 AA-5267C-TA AA-5269B-TK AA-5264C-TK AD-5264C-T1 AV-5688C-TC	V3.3 2/80 AA-5267C-TA AD-5267C-T1 AA-5269B-TK AA-5264C-TK AD-5264C-T1 AA-J509A-TA AA-H105B-TK AA-H735C-TA AA-H737B-TK AA-H739D-TK AA-J445A-TA	V3.4 11/80 Obsolete AA-5264D-TK AA-H105C-TK AA-J043B-TK AA-J318A-TK AA-J350A-TA AA-J353A-TL AA-J509B-TA	V3.5 11/81 AA-5264E-TK AA-H105C-TK AA-J043C-TK AA-J318C-TK AA-J350C-TA AA-J353B-TK AA-J509C-TA AA-J352A-TK AV-J552B-TK

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
		V4 11/79	V4.3 11/80	V4.4 9/81	V4.5 1/83
WPS-8 Disk 200 Series	See SPD 5.78.4 AE-J052E-TA	AA-5264C-TK AD-5264C-T1,T2 AA-J043A-TK AA-J353A-TK AA-J046A-TA	AA-5264D-TK AA-J043B-TK AA-J353A-TK AA-J046D-TA	AA-5264E-TK AA-J043C-TK AA-J353B-TK AA-J046E-TA	AA-5264F-TK AA-J043D-TK AA-J353C-TK AA-J046F-TA
	WPS Communication Options User's Manual Updates 1 and 2 Using Communications WPS Reference Manual Using List Processing WPS-8 V4 Series 200 Release Notes WPS-8 V4.3 Series 200 Release Notes Disk 200, V4.4 Release Notes WPS-8 Preface Glossary of DIGITAL WPS Terms Documentation Directory and Glossary WPS Reference Card Managing Disk 200 Series Getting Started: Disk 200 Using WPS Getting Started: 80 and 200 Using List Processing 80 and Diskette 200, V3.4 Release Notes 80 and Diskette 200, V3.5 Release Notes Using WPS Document Diskette Managing the Disk Based 200 Quick Look-up Guide and Directory	AV-5688C-TC AV-H105A-TK AV-J552A-TK	AA-H105C-TK AV-J552A-TK AA-J311A-TA AA-J312A-TA AA-J318B-TK AA-J350B-TA AA-J353A-TK AA-J509B-TA	AA-H105C-TK AV-J552B-TK AA-J312B-TA AA-J318C-TK AA-J350C-TK AA-J509B-TK AA-J509C-TA EY-DG121-SG EY-DG121-SG AA-J311B-TA AA-J352A-TK	AA-H105C-TK AV-J552B-TK AA-J312C-TA AA-J318D-TK AA-J350C-TK AA-J509C-TA EY-DG121-SG AA-J311C-TA AA-J352A-TK
WPS-8 Disk Natural Language Series	See SPD 5.77.0 AE-L232A-TA	V4.3 4/81 AA-H989B-TA AA-J046D-TA AA-J981A-TA AA-K100A-TA AV-K276A-TA AA-K104A-TA			
	DUTCH: Using VT100 Terminal for Word Processing WPS-8/Disk V4.3 Series 200 Release Notes Dutch Documentation Directory and Glossary Dutch WPS Reference Manual Dutch WPS Reference Card Dutch Using WPS (Continued)				

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
	Dutch Getting Started: 80 Serial Diskette Based 200 Dutch Using List Processing Dutch Using Communications Dutch Using Letter Quality Printer Dutch Getting Started: Disk Based 200 Dutch Managing Disk Based 200 FRENCH-CANADIAN: Using VT100 Terminal for Word Processing F-C Using Letter Quality Printer F-C Documentation Directory and Glossary F-C WPS Reference Manual Getting Started Diskette Based F-C Getting Started: Disk Based 200 F-C Managing Disk Based 200 F-C Using WPS F-C WPS-8 Disk Release Notes Version 4.3 F-C Using List Processing F-C Using Communications F-C WPS V4.3 Reference Card FRENCH: French V4.3 Release Notes Using Letter Quality Printer Getting Started: Disk- Based 200 Getting Started: 80 Series Diskette BS200 Using List Processing Using Communications French Documentation Directory French WPS Reference Manual French WPS Reference Card French Using WPS French Managing Disk-Based 200	AA-K101A-TA AA-K311A-TA AA-K312A-TA AA-J980A-TA AA-K102A-TA AA-K103A-TA AA-H989B-TA AA-J978A-TA AA-J979A-TA AA-K086A-TA AA-K087A-TA AA-K088A-TA AA-K089A-TA AA-K090A-TA AA-K092A-TA AA-K306A-TA AA-K307A-TA AV-K277A-TA AA-K099A-TA AA-J984A-TA AA-K094A-TA AA-K095A-TA AA-K321A-TA AA-K322A-TA AA-J985A-TA AA-K093A-TA AV-K274A-TA AA-K097A-TA AA-K096A-TA			

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
DX/11M	QJ704 10.96.05 AE-5274F-TC Base Operating System: DX Product Programmer's Reference Manual DX Product User's Guide DX-11M Installation Guide DX-11M V3.1 Release Notes	V3.1 4/80 RSX-11M and one of: WPS-8 V3.1 WPS-8/Diskette, DECmate series V2, WPS-8/Diskette, Natural Language, DECmate Series, V1 WPS/Disk, 200 series, V4.4 WPS-8/Diskette, 78 series V3.5 AA-5469C-TC AA-5476D-TC AA-D997A-TC AA-H288B-TC	V3.2 10/82 RSX-11M V4, V4.1 and WPS-8 See SPD AA-5469C-TC AA-5476D-TC AA-D997A-TC AA-H288B-TC		
DX/RSTS	QJ703 10.95.04 AE-5273E-TC Base Operating Systems: DX/RSTS Installation Guide DX/RSTS Release Notes DX User's Guide DX Programmer's Reference	V3.1 4/80 RSTS/E V7 and one of WPS-8 V3.1 WPS-8/78 V3.1 WPS-8/FTS V3.1 WPS-8/MTS V3.1 AA-5262C-TC AA-H233A-TC AA-5476C-TC AA-5469C-TC	V3.1 11/80 RSTS/E V7,V8 and one of WPS-8 V3.1 Diskette V3.4, 78 series or later WPS-8/81&82, V3.4 or later WPS-8 Disk, V4.3 200 series or later WPS-8 Diskette, V3.4, 200 series or later WPS-8/DECmate V1.0 or later AA-H233B-TC AA-5476C-TC AA-5469C-TC		
DX/TOPS-10	QH709 8.64.01 AE-D886B-TB (Prerequisite software: TOPS-10 V6.03 and FORTRAN-10, V5A) Base Operating System: DX/TOPS-10 Installation Guide DX/TOPS-10 Product User's Guide	V1 7/78 WPS-8 V3 or later WPS-8/MTS V3 or later WPS-8/78 V3 or later AA-D882A-TB AA-D870A-TK			

PRODUCT NAME	KIT # SPD #	PDP-8 Products and Documentation - WPS-8 Based Kits			
<p>DX/TOPS-20</p> <p>DECdx/VMS (Replaces DX/VMS)</p> <p>DX/VMS (Replaced by DECdx/VMS)</p>	<p>QT708 23.04.01 AE-D887B-TM (Prerequisite software: TOPS-20 V3 and FORTRAN-20 V5)</p> <p>Base Operating System:</p> <p>DX/TOPS-20 Installation Guide DX/TOPS-20 Product User's Guide</p> <p>26.36.00 AE-AD38A-TE QC708 (730 system) QD708 (750 system) QE708 (780 & 782 systems)</p> <p>Base Operating System:</p> <p>25.25.4 AE-D888E-TE (Requires FORTRAN for customer modification. See SPD.) QD707 (750 system) QE707 (780 system) QC707 (730 system)</p> <p>Base Operating System:</p> <p>DX/VMS Installation Guide DX/VMS Release Notes DX Product User's Guide</p>	<p>V1 7/78</p> <p>WPS-8 V3.1 WPS-8/MTS V3 WPS-8/Diskette, 78 and 200 Series V3.1 or later WPS-8/Disk, 200 Series, V4.3 WPS-8/DECmate V1 or later</p> <p>AA-D877A-TM AA-D870A-TK</p> <p>V1 1/84</p> <p>VAX/VMS V3.2</p> <p>V1 7/79</p> <p>VAX/VMS V1 WPS-8 V3 WPS-8/FTS V3 WPS-8/78 V3</p>	<p>V1 10/80</p> <p>VAX/VMS and one of WPS-8 V3.1 WPS-8/FTS V3.1 WPS-8/78 V3.4</p>	<p>V1.2 10/82</p> <p>VAX/VMS V3 or later and one of: WPS-8/Diskette, DECmate series V2.0 WPS-8 Disk, 200 series, V4.4 WPS-8/Diskette, 78 series, V3.5 WPS-8 Diskette, Natural Language DECmate Series. V1</p> <p>AA-D874B-TE AA-P059A-TE AA-D870A-TK</p>	

PRODUCT NAME	KIT # SFD #	PDP-8 Products and Documentation - Miscellaneous Software			
DIGITAL's Smart Mailer	QF735 5.2.2 AE-L165C-TA DIGITAL Smart Mailer Reference Card DIGITAL Smart Mailer Release Notes	V1 4/81 AV-L033A-TA AA-L489A-TA	V2 11/81 AV-L033A-TA AA-L489B-TA		

HARDWARE ITEM	PDP-8 SUPPORTING SYSTEMS									
	OS/8	OS/78	COS-310	WPS-8						
<u>CPUs</u>										
PDP-8/E	X		X	-						
PDP-8/F	X		X	-						
PDP-8/M	X		X	-						
PDP-8/A (Note: For OS/78, some specific configurations only.)	X	X	X	X						
DECstation-78/88	-	X	X	X						
VT278 (DECmate)		X	X	X						
DECMATE II			X	X						
<u>CPU OPTIONS</u>										
KE8-E EAE (Note: For OS/8, FORTRAN IV and BASIC only -- also any assembly language application, floating point packages supplied)	X	X	-	-						
KP8-E Power Fail Auto Restart	-	-	-	-						
FPP12-AB FPU (Note: For OS/8, FORTRAN IV only and assembly language)	X	X	-	-						
FPP12-AE Double Precision FPU (Note: For OS/8, FORTRAN IV only and assembly language)	X	X	-	-						
KM8-A Power Fail	-	-	-	X						
FPP8/A	X	X	-							

HARDWARE ITEM	PDP-8 SUPPORTING SYSTEMS							
	OS/8	OS/78	COS-310	WPS-8				
<u>CLOCKS</u>								
DK8-EA Line Frequency	-			-				
DK8-EC Crystal Frequency	-		-	-				
DK8-EP Programmable	-			-				
KW-12 Programmable	-		-	-				
DKC8-AA 100 hz crystal clock (Note: Clock portion of PDP-8A option board, also part of DECstation-78 CPU board)	-	-	X	X				
<u>DISKS</u>								
DF32 - Fixed Head 32K-128K words	X		-	-				
RF08/RS08 - Fixed Head up to 1M words	X		-	-				
RK8/RK01 - Disk Cartridge up to 6.6M words	X		-	-				
RK8E/RK05 - Disk Cartridge	X		X	-				
RX8/RX78/RX01 - Diskette (Floppy)	X	X	X	X				
RK8E/RK05F - Fixed Media disk drive	X		X	-				
RX28/RX78-RX02 - Diskette	X	X	X	X				
RX50 - Mini-diskette			X	X				
RL8/A-RL01 - Removable Disk Drive	X	X	X	X				
RL8/A-RL02 - Removable Disk Drive	-	X	X	-				
<u>TAPES</u>								
TD8-E DECTape	X		-	-				
TC08 DECTape	X		-	-				
TM8-E/TU10 Magnetic Tape (Note: On OS/8, supported with some restrictions.)	X		-	-				
TA8-A/TU60 Cassette	X		-	-				
PC8-E Paper Tape	X		-	-				

PDP-8 SUPPORT
Hardware Support - Clocks, Disks, and Tapes

HARDWARE ITEM	PDP-8 SUPPORTING SYSTEMS							
	OS/8	OS/78	COS-310	WPS-8				
<u>LINE PRINTERS</u>								
LA8-A	X	X	X	-				
LA8-PA	X	X	X	X				
LE8-F 80 columns, 64 characters, 356 lines/minute	X		-	X				
LE8-H 80 columns, 96 characters, 253 lines/minute	X		-	X				
LE8-J 132 columns, 64 characters, 245 lines/minute	X		X	X				
LE8-K 132 columns, 64 characters, 173 lines/minute	X		-	X				
LS8-F 132 columns, 64 character matrix, 165 char/sec.	X		-	X				
LP8E Letter Quality Printer/LQP78	X	X	X	X				
LV8 Printer/plotter (Note: for OS/8 and RTS/8, printer only)	X	-	-	-				
LA78 (LA180 printer)	-	X	X	X				
LA120 (OS/78: serial and parallel)		X	X	X				
LA34/38		X	X	X				
LA35	-	-	X	-				
LA36RO	-	-	X	-				
LA50			X	X				
LA100			X	X				
LQP02		X	X	X				

HARDWARE ITEM	PDP-8 SUPPORTING SYSTEMS							
	OS/8	OS/78	COS-310	WPS-8				
<u>TERMINALS</u>								
LT33-D ASR-33 with paper tape	X		-	-				
LT33-C KSR-33 without paper tape	X		-	-				
LT35-D ASR-35 with paper tape	X		-	-				
LT35-C KSR-35 without paper tape	X		-	-				
LA30-C Serial DECwriter	X		-	-				
LA30-P Parallel DECwriter	X		-	-				
LA30-E Serial DECwriter with EIA interface	X		-	-				
VT8-E CRT display	-		-	-				
VT05-B CRT display with keyboard	X		-	-				
LA36 Serial DECwriter II, 132 columns, upper/lower case (Note: for OS/8, upper case input only, maximum columns 128; for COS-310, used as a printer only)	X	X	X	-				
VT50 Alphanumeric CRT, up to 9600 baud with hard copy, 80 characters x 12 lines. (Note: OS/8, upper case input only, primitive terminal synchronization support; AUTOPRINT in V03B.)	X	X	-	-				
VT50H Alphanumeric CRT, up to 9600 baud, cursor positioning, 80 characters x 12 lines. (Note: OS/8, upper case input only, primitive terminal synchronization support.)	X	X	X	-				
VT52 Alphanumeric CRT up to 9600 baud, standard keyboard plus 19-key pad, 80 characters x 24 lines. (Note: OS/8, upper case input only, primitive terminal synchronization support.)	X	X	X	X				
VT100 Alphanumeric CRT up to 9600 baud, support in VT52 mode. (Note: OS/8 must operate at 4800 baud or less.)	X	X	X	-				
VT100 Alphanumeric CRT up to 9600 baud, support in VT100 mode.			X	X				

HARDWARE ITEM	PDP-8 SUPPORTING SYSTEMS									
	OS/8	OS/78	COS-310	WPS-8						
<u>COMMUNICATIONS</u>										
KL8-JA - single line asynchronous, 20ma or EIA, switch selectable speeds (Note: For COS-310, printer only.)	X		X	X						
KL8-M - Modem control for Bell 103, 202	-		-	-						
DP8-E - Single line synchronous modem control for Bell 201, 300 (Note: for COS-310, 2780/3780 support only)	-		X	-						
KG8-A - CRC check (Note: for COS-310, 2780/3780 support only)	-		X	-						
KL8-A - Four serial asynchronous lines 20 ma or EIA switch selectable (modem control for one full, three partial)	-			X						
VT78 SLU channels (Note: For COS-310, printer only)	-	X	X	X						

DISTRIBUTION MEDIA	PDP-8 SUPPORTING SYSTEMS							
	OS/8	OS/78	COS- 310	WPS-8				
Paper Tape	-		-	-				
Cassettes	-		-	-				
DECTape	X		-	-				
Magnetic Tape - 7-channel	-		-	-				
Magnetic Tape - 9-channel	-		-	-				
RK05 (Disk) Cartridge	X		X	-				
RX01 Diskette (Floppy)	X	X	X	X				
RX02 Diskette	X	X	X	X				
RL01 Disk	X	X	X	X				
RL02 Disk		X	X					
RX50 Diskette			X					

PDP-8 SUPPORT
Distribution Media

SYSTEM PROGRAMS	PDP-8 SUPPORTING SYSTEMS							
	OS/8	OS/78	COS-310	WPS-8				
SORT	-		X	-				
Editors: Batch Editor	X		-	-				
Interactive Editor	X	X	X	-				
Loader	X	X	-	-				
CREF	X	X	X	-				
SYSGEN (Build)	X		X	-				
Librarian	X	X	X	-				
Debugging: ODT	X	X	-	-				
DDT (Note: on COS-310, DIBOL-8 DDT, DIBOL-11 DDT)	-	-	X	-				
DAFT	-	-	X	-				
TRACE (FORTRAN, BASIC) (Note: on OS/8, FORTRAN IV; on COS-310, DIBOL-8 trace)	X	X	X	-				
File Compare: Source (ASCII)	X	X	-	-				
PATCH	X	X	X	-				
PIP	X	X	X	-				
FILEX	-	-	X	-				
DFU	-	-	X	-				
LINKER	X	X	X	-				
Disk Formatters	X	X	X	-				
BOOT	X	X	X	-				
WPSPIP			X					

LANGUAGES and ASSEMBLERS	PDP-8 SUPPORTING SYSTEM							
	OS/8	OS/78	COS-310	WPS-8				
<u>LANGUAGES</u>								
DIBOL-8	-	-	X	-				
DIBOL-11	-	-	X	-				
FORTRAN II	X		-	-				
FORTRAN IV	X	X	-	-				
BASIC (single user)	X	X	-	-				
<u>ASSEMBLERS</u>								
PAL8 Absolute	X	X	-	-				
SABR	X		-	-				

FEATURES	PDP-8 SUPPORTING SYSTEMS									
	OS/8	OS/78	COS-310	WPS-8						
Single User	X	X	X	X						
Interactive Mode	X	X	X	X						
BATCH Mode	X	X	X	-						
Multiprogramming	-		-	X						
Foreground/Background	-	-	-	X						
Real Time (Note: on OS/8, FORTRAN IV.)	X	X	-	-						
Time Sharing (Note: WPS-8 uses a special purpose multiple word processor.)	-		-	X						
Executive Size (typical)	384 wds	384 wds	6K							
Maximum User/Task Size	core minus 384	core minus 384	core minus 6K							
Overlays (Note: for OS/8: FORTRAN IV, BASIC)	X	X	X							
Dynamic Relocation	-	-	-	-						
Spooling	-	-	-	X						
Debugging Facility	X	X	X	-						
Concise Command Lanaguage	X	X	X							
Menu Command Feature		-	X	X						

FEATURES	PDP-8 SUPPORTING SYSTEMS									
	OS/8	OS/78	COS-310	WPS-8						
File System	X	X	X	X						
Multi-terminal support	-	-	-	X						
8K Memory support	-		-	X						
Maximum memory supported (Note: 32K for WPS-8/MTS, WPS-8/81, WPS-8/82)	128KW	32KW	32KW	128KW						
A/D support (Note: On RTS/8, available with ICS-8 only.)	-	-	-	-						
Communications Multiplexer (Note: For RTS/8, four lines on KL8-A.)	-	-	-	X						
Synchronous communication	-	-	X	-						
Power Fail	-	-	-	X						

PDP-8 SUPPORT
System Features

Preface - DECsystem-10 Based Software

DECsystem-10 documentation is shown in two parts. Part 1 is the Software Notebooks Set issued with a basic TOPS-10 kit. Part 2 shows documentation available as single manuals. The single manuals are duplicates of those in the Software Notebooks Set. The language processors are unbundled options even though their documentation is included in the Notebooks. The remaining kits in Part 2 are also unbundled.

The documentation list is correct as of January 1984. Please consult the Software Dispatch for the latest information on software product versions. The DECsystem-10 Pricing Summary contains the latest information concerning unbundled option kits.

TOPS-10 Software Notebooks
QHK20-KZ

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PRODUCT NAME	KIT # SPD #	DECSYSTEM-10 PRODUCTS AND DOCUMENTATION			
TOPS-10	See SPD 7.1.16 AE-1004P-TB LINK-10 Programmer's Ref. Man. Update TOPS-10 LINK Reference Manual MACRO-10 Assembler Ref. Man. Introduction to TECO TECO Reference Manual Update DECsystem-10 Utilities Manual Update Getting Started with BATCH Getting Started with DECsystem-10 TOPS-10 Monitor Calls Vol 1 Updates TOPS-10 Monitor Calls Vol 2 Update DEC-10 Operating System Commands Manual Update Algebraic Interpretive Language Manual (AID) DEC-10 Operator's Guide (KL Series) Updates 1, 2, 3, 4 TOPS-10 SOS Reference Manual TOPS-10 SOS Reference Card TOPS-10 Documentation Directory TOPS10/20 SYSERR Manual TOPS-10 Crash Analysis User's Guide TOPS-10/20 RSX20F System Reference Manual TOPS-10 Monitor Install. Guide Updates 1, 2, 3, and 4 MAKLIB User's Guide Commands Quick Reference Guide Monitor Calls Quick Ref. Guide DDT11 Manual (Continued)	V6.03 1/78 AA-0988C-TB AD-0988C-T1 AA-C780C-TB D-10-UTECA-A-D D-10-ETEE-D D-10-UTPRA-A-DN1 D-10-UTILA-A-D D-10-UTILA-A-DN1 AA-D303A-TB D-10-XGSDA-A-D AA-0974C-TB AD-0974C-T1 AA-0916C-TB AD-0916C-T1 D-10-NAIDA-A-D AA-5104A-TB AD-5104A-T1, T2, T3, T4 AA-D598A-TB AV-D578A-TB AA-0858B-TB AA-D533A-TK AA-H206A-TB	V6.03A 2/79 AA-0988C-TB AD-0988C-T1 AA-C780C-TB D-10-UTECA-A-D D-10-ETEE-D D-10-UTPRA-A-DN1 D-10-UTILA-A-D D-10-UTILA-A-DN1 AA-D303A-TB D-10-XGSDA-A-D AA-0974C-TB AD-0974C-T1 AA-0916C-TB AD-0916C-T1 AA-5104A-TB AD-5104A-T1, T2, T3, T4 AA-D598A-TB AV-D578A-TB AA-0858B-TB AA-D533A-TK AA-H206A-TB	V7.01 11/80 AA-0988C-TB AD-0988C-T1 AA-C780C-TB D-10-UTECA-A-D D-10-ETEE-D D-10-UTPRA-A-DN1 D-10-UTILA-A-D D-10-UTILA-A-DN1 AA-D303A-TB AA-0974D-TB AA-K039A-TB AD-K039A-T1 AA-0916D-TB AD-0916D-T1 Obsolete Obsolete AA-D598A-TB AV-D578A-TB AA-0858C-TB AA-D533B-TK AA-H206B-TB AA-H352B-TK AA-5056B-TB AD-5056B-T1, T2, T3 AA-M472A-TB AV-K729A-TB AV-0978D-TB AA-J495A-TB	V7.01A 10/82 AA-0988D-TB AA-C780C-TB D-10-UTECA-A-D D-10-ETEE-D D-10-UTPRA-A-DN1 D-10-UTILA-A-D D-10-UTILA-A-DN1 AA-D303A-TB D-10-XGSDA-A-D AA-0974D-TB AA-K039A-TB AD-K039A-T1 AA-0916D-TB AD-0916D-T1 AA-D598A-TB AV-D578A-TB AA-0858C-TB obsolete AA-H206B-TB AA-H352B-TK AA-5056B-TB AD-5056B-T1, T2, T3, T4 AA-M472A-TB AV-K729A-TB AV-0978D-TB AA-J495A-TB

PRODUCT NAME	KIT # SPD #	DECSYSTEM-10 PRODUCTS AND DOCUMENTATION			
	<p>TOPS-10 Networks Software Installation Guide Update TOPS-10 Remote Station Guide DN92 Remote Station User's Guide TOPS-10 Operator's Guide Updates</p> <p>DEC-10/20 Processor Ref. Man Update TOPS-10 Autopatch Procedures Reference Manual TOPS-10/20 SPEAR Manual TOPS-10/20 SPEAR Ref. Card TOPS-10/20 DDT Ref. Card TOPS-10 Operator Command Language Reference Manual TOPS-10/20 OPR Commands Ref. Card TOPS-10 Tape Processing Manual TOPS-10/20 USAGE File Specifica- tion Update TOPS-10/20 Batch Ref. Man. Update Data Interchange Library User's Guide DIGITAL Standard RUNOFF User's Guide</p>			<p>AA-5156E-TB AD-5156E-T1 AA-D783B-TB AA-5711A-TB AA-H283A-TB AD-H283A-T1, T2,T3,T4 AA-H391A-TK AD-H391A-T1 AA-H729A-TK AV-M272A-TK</p>	<p>AA-5156E-TB AD-5156E-T1 AA-D783B-TB AA-5711A-TB AA-H283A-TB AD-H283A-T1, T2, T3, T4 AA-H391A-TK AD-H391A-T1 AA-H729A-TK AA-J833A-TK AV-M752A-TK AV-M272A-TK AA-H599A-TB AV-P380A-TK AA-L412A-TB AA-4181B-TK AD-4181B-T1 AA-H374A-TK AD-H374A-T1 AA-M581A-TK AA-J268A-TK</p>

PRODUCT NAME	KIT # SPD #	DECSYSTEM-10 PRODUCTS AND DOCUMENTATION			
<p>APLSF</p> <p>BASIC-10 V17F/ BASIC-20 V17</p>	<p>See SPD 8.16.07 AE-0021H-TK</p> <p>Base Operating Systems:</p> <p>TOPS10/20 APLSF Language Manual APL Reference Card</p> <p>QH503 30.07.03 AE-L016D-TK (QT004 for BASIC-20)</p> <p>Base Operating Systems:</p> <p>BASIC Conversation Language Manual BASIC Language Reference Card</p>	<p>V1 12/76</p> <p>V17F 3/81</p> <p>TOPS-10 V7.01 TOPS-20 (2020) V4 TOPS-20 (2040/2060)</p> <p>D-10-LBLMA-A-D D-10-XBRCA-A-D</p>	<p>V2 11/79</p> <p>TOPS-10 V603A TOPS-20 V3A</p> <p>AA-H200A-TK AV-K879A-TK</p> <p>V2.1 1/81</p> <p>TOPS-10 V7.01 TOPS-20 V4</p> <p>AA-H275B-TK AA-H712B-TK AA-J937B-TK AV-H289B-TK AA-J201A-TK</p>	<p>V2 6/80</p> <p>TOPS-10 V7.01 TOPS-20 (2020) V4 TOPS-20 (2040/2060)</p> <p>AA-H200A-TK AV-K879A-TK</p> <p>V3 3/82</p> <p>TOPS-10 V7.01 TOPS-20 (2020) V4 TOPS-20 (2040/ 2060) V5</p> <p>AA-H275C-TK AA-H712C-TK AA-J937C-TK AV-H289C-TK AA-J201A-TK</p>	<p>V5</p> <p>V4 10/83</p> <p>TOPS-10 V7.01A TOPS-20 (2020) V4.1 TOPS-20 (2040/ 2060) V5, V5.1</p> <p>AA-H275C-TK AD-H275C-T1 AA-H712D-TK AA-J937D-TK AV-AT45A-TK AA-J201A-TK</p>
<p>BLISS-36</p>	<p>QH115 7.22.05 AE-J656F-TK</p> <p>Base Operating Systems:</p> <p>BLISS Language Guide Update BLISS-36 User's Guide BLISS-36 Installation Notes BLISS Pocket Guide XPORT Programmer's Guide</p>	<p>V2 4/80</p> <p>TOPS-10 V7.01 TOPS-20 V4</p> <p>AA-H275B-TK AA-H712B-TK AA-J937A-TK AV-H289B-TK</p>	<p>V2.1 1/81</p> <p>TOPS-10 V7.01 TOPS-20 V4</p> <p>AA-H275B-TK AA-H712B-TK AA-J937B-TK AV-H289B-TK AA-J201A-TK</p>	<p>V3 3/82</p> <p>TOPS-10 V7.01 TOPS-20 (2020) V4 TOPS-20 (2040/ 2060) V5</p> <p>AA-H275C-TK AA-H712C-TK AA-J937C-TK AV-H289C-TK AA-J201A-TK</p>	<p>V4 10/83</p> <p>TOPS-10 V7.01A TOPS-20 (2020) V4.1 TOPS-20 (2040/ 2060) V5, V5.1</p> <p>AA-H275C-TK AD-H275C-T1 AA-H712D-TK AA-J937D-TK AV-AT45A-TK AA-J201A-TK</p>

PRODUCT NAME	KIT # SPD #	DECSYSTEM-10 PRODUCTS AND DOCUMENTATION			
DEC10/20 COBOL with SORT/MERGE V4C	See SPD 7.16.08 AE-H489I-TK Base Operating Systems: COBOL-74 Language Manual COBOL-74 Language Manual Update COBOL-68 Language Manual COBOL-68 Language Manual Updates DEC-10 SORT/MERGE User's Guide COBOL Reference Card COBOL Conversion Utility Guide	V12A 1/80 TOPS-10 V6.03A TOPS-20 V4 AA-5059A-TK AD-5059A-T1 AA-5057A-TK AD-5057A-T1, T2 AA-0997D-TB D-10-OCRCA-A-D	V12B 9/81 TOPS-10 V7.01 TOPS-20 V4 TOPS-20 V5 AA-5059B-TK Removed AA-M063A-TB AV-L854A-TK AA-M586A-TK		
CPL-10/CPL-20	QH060 8.47.05 AE-1014F-TK (QT009 for CPL-20) Base Operating Systems: Conversational Programming Language User's Manual	V01 8/75 D-10-LCPLA-B-D	V1B 9/76 TOPS-10 V6.01, V6.02, V6.03 V6.03A, V7 TOPS-20 V1 or later D-10-LCPLA-B-D	V1 5/80 TOPS-10 V6/03A TOPS-20 V4	V1.0 3/81 TOPS-10 V7.01 TOPS-20 V4
DBMS-10	QH101 8.31.09 AE-H486J-TK (Requires COBOL or FORTRAN) Base Operating Systems: TOPS-10/20 DBMS Administrator's Procedures TOPS-10/20 DBMS Programmer's Procedures	V5A 3/80 TOPS-10 V7.01 AA-0899C-TB AA-0901C-TB			

PRODUCT NAME	KIT # SPD #	DECSYSTEM-10 PRODUCTS AND DOCUMENTATION			
DECmail/MS-10	QH215 7.21.1 AE-N126B-TB Base Operating System: TOPS-10/20 DECmail/MS Guide	V10 6/82 TOPS-10 V7.01 AA-M840A-TK			
DECnet-10	QH682 8.60.05 AE-D040E-TC Base Operating System: TOPS-10 Networks Software Installation Guide Update	V2 12/77 TOPS-10 V6.03, V7.01 AA-5156E-TB AD-5156E-T1			
DECsystem-10/20 Maintenance Product	See SPD 8.56.2 AE-E442C-TK Base Operating Systems:	V1 6/78 TOPS-10 V7.01 TOPS-20 V4			
DECsystem-10/ DECSYSTEM-20 SORT/MERGE	See SPD 21.15.09 AE-H488J-TK Base Operating Systems:	V4 1/79 TOPS-10 V6.02 TOPS-20 V3	V4B 1/80 TOPS-10 V6.03A,V7 TOPS-20 V4	V4C 4/81 TOPS-10 V7.01 TOPS-20 (2020) V4 TOPS-20 (2040/2060)	V5
DX/TOPS-10	DEC-10 SORT/MERGE User's Guide	AA-0997D-TB	AA-0997D-TB	AA-M063A-TB	
	QH709 8.64.01 AE-D886B-TB (Requires FORTRAN) Base Operating Systems: DX/TOPS-10 Installation Guide DX Product User's Guide Ref Man	V1 6/78 TOPS-10 V6.03 AND WPS-8 (SEE SPD) AA-D882A-TB AA-D870A-TK			

PRODUCT NAME	KIT # SPD #	DECSYSTEM-10 PRODUCTS AND DOCUMENTATION			
<p>FORTRAN-10</p> <p>FTS/ANF-10 Documentation Kit</p> <p>IQL-10 Extended IQL-20 Extended</p> <p>KL10 Microcode Product</p>	<p>QH500 7.20.10 AE-1008J-TB</p> <p>Base Operating System:</p> <p>TOPS-10/20 FORTRAN Language Manual</p> <p>TOPS-10/20 FORTRAN Reference Card</p> <p>TOPS-10 FORTRAN Installation Guide</p> <p>TOPS-10/20/VAX-11 FORTRAN Compatability Manual</p> <p>TOPS-10/20 Math Library Reference Manual</p> <p>QH063 (For DEC internal use only)</p> <p>FTS/ANF-10 User's Guide</p> <p>FTS/ANF-10 Operator's Guide</p> <p>FTS/ANF-10 CNS Product Summary</p> <p>QH045 8.24.07 AE-5219H-TK (Requires SORT-10 and COBOL-68) (QT016 for IQL-20)</p> <p>Base Operating Systems:</p> <p>TOPS-10/20 IQL Language User's Guide</p> <p>TOPS-10/20 Introduction to IQL</p> <p>QH850 8.54.5 AE-1015F-TK</p> <p>Base Operating Systems:</p>	<p>V5A 5/81</p> <p>TOPS-10 V7.01</p> <p>AA-H194B-RB AA-H195B-RB AA-K489A-RB</p> <p>V2 6/77</p> <p>TOPS-10 V6.02, V6.03 TOPS-20 V3</p> <p>V2 6/78</p> <p>TOPS-10 V7.01 TOPS-20 V4</p>	<p>V6 1/82</p> <p>TOPS-10 V7.01</p> <p>AA-J127A-TK</p> <p>AV-M142A-TK</p> <p>V3 3/79</p> <p>TOPS-10 V6.02 V6.03,V6.03A,V7 TOPS-20 V3</p> <p>AA-H282A-TK</p> <p>AA-094B-TK</p> <p>V231</p> <p>TOPS-10 V7.01A</p>	<p>V7 4/83</p> <p>TOPS-10 V7.01A</p> <p>AA-N383A-TK</p> <p>AV-P529A-TK</p> <p>AA-P345A-TB</p> <p>AA-Y868A-TK</p> <p>AA-M400A-TK</p> <p>V3A 4/80</p> <p>TOPS-10 V7.01 TOPS-20 (2020) V4 TOPS-20 (2040/2060) V5</p> <p>AA-H282A-TK</p> <p>AA-0947B-TK</p>	

PRODUCT NAME	KIT # SPD #	DECSYSTEM-10 PRODUCTS AND DOCUMENTATION			
KS10 Microcode Product	QT046 8.53.03 AE-H112D-TK Base Operating Systems:	V1 9/78 TOPS-10 V7.01 TOPS-20 V4	V123 4/82 TOPS-10 V7.01 TOPS-20 V4		
SITGO-10 V3 SITGO/20 V1	See SPD 8.38.03 AE-D449D-TB Base Operating Systems:	V1 3/80 TOPS-10 V6.03, V6.03A	V3 12/83 TOPS 10 V7.01 TOPS-20 V4 TOPS-20 V5		
TOPS-10/TOPS-20 2780/3780 Emulation Termination	See SPD 30.23.02 AE-P336C-TK Base Operating Systems: TOPS-10 IBM Emulation/Termination	V4 11/82 TOPS-10 V7.01A TOPS-20 V5 AA-D612B-TB			
TOPS-10 2780/3780/ HASP	See SPD 30.24.1 AE-P337B-TK Base Operating Systems: IBM Emulation/Termination	V1 11/82 TOPS-10 V7.01A TOPS-20 V5 AA-D612B-TB			
TOPS-10 MPE Software Extension for Multiple Processors	See SPD 7.09.04 AE-H872E-TB Base Operating System: TOPS-10 Monitor Installation Guide Update 2 TOPS-10 Networks Software Installation Guide Update 1 TOPS-10 Operator's Guide, Update 2 Multi CPU User's Guide	V7.00 12/79 TOPS-10 V7.01	V7.01 9/80 TOPS-10 V7.01 AD-5056B-T2 AD-5156E-T1 AD-H283A-T2 EK-MULCP-UG	V7.01A 11/82 TOPS-10 V7.01A AD-5056B-T2 AD-5156E-T1 AD-H283A-T2 EK-MULCP-UG	

HARDWARE OPTIONS	TOPS-10 SUPPORT						
	V6.03						
	V5.07	V6.01	V6.02	V6.03A	V7.00	V7.01	
<u>PROCESSORS</u>							
KA10 - 366 instructions; 10CPS console terminal; 256K (36-bit words) max	X	-	-	-	-	-	
KI10 - 378 instructions; memory paging; 4096K 36-bit words max; instruction look-ahead; virtual memory. 30CPS console terminal	X	X	X	X	-	X	
KL10 - 386 instructions (microprogrammed); business instruction set; high speed cache; instruction look-ahead; virtual memory; 4096K 36-bit words max; 30CPS console terminal (Note: LIR to V6.01)	-	X	X	X	X	X	
KS10 - (Note: LIR to V6.03)	-	-	-	X	-	X	
<u>MEMORY</u> (Maximum memory is dependent on memory bus length; 150' for KA10; 100' for KI10 and KL10)							
MD10 - 32K words; 1.8μs; max 256K on KA10	X	X	X	X	-	-	
MF10-E - 32K words; 1.0μs; max 256K on KA10, KI10, or KL10	X	X	X	X	X	X	
MF10-G - 64K words; 1.0μs, max 4096K on KI10, KL10	X	X	X	X	X	X	
MG10-G,H - 64K or 128K 36-bit words; 1μs, max 4096K on KI10 or KL10	X	X	X	X	X	X	
MG10-L - (2) MG10-H 256 K 36-bit words; 1μs max 4096K on KI10 or KL10							X
MC10 - Memory access port, max 4 ports on MD and MF memories, max 8 ports on MG	X	X	X	X	X	X	
MH10-E,H,L - 128K and 256K 36-bit words; 1μs max 4096K on KI10 or KL10	-	-	-	X	X	X	

HARDWARE OPTIONS	TOPS-10 SUPPORT										
	V5.07	V6.01	V6.02	V6.03 V6.03A	V7.00	V7.01					
<u>TERMINALS</u>											
VT61 - Buffered CRT-terminal block mode operation with optional LA180 printer	X	X	-	-	-	-					
DAS21 - Text editing terminal, 24 x 80 characters upper and lower case. Includes 12K words of memory, LSI-11 processor, specialized ROM and VED software license.	X	X	-	-	-	-					
LA36 - DECwriter II	-	-	X	X	X	X					
LA37 - DECwriter II with APL character set	X	X	X	X	X	X					
LA38 -	-	-	-	-	X	X					
VT50 - CRT Terminal	-	-	X	X	X	X					
VT52 - CRT Terminal	-	-	X	X	X	X					
VT100 - CRT Terminal	-	-	-	-	X	X					
LA120 -	-	-	-	-	X	X					

HARDWARE OPTIONS	TOPS-10 SUPPORT										
					V6.03						
	V5.07	V6.01	V6.02	V6.03A	V7.00	V7.01					
<u>DISKS</u>											
RC10/RM10B	- max 4 drums, 345K 36-bit words each, 4.1 μ s/word, 4MS average access	X	X	X	X	-	-				
RC10/RD10	- max 4 fixed head disks, 512K 36-bit words each, 13.3 μ s/word, 63 MS average access	X	X	X	X	-	-				
RP10/RP02	- 5.12M 36-bit words; average access 47.5MS; 15 μ s/word; removable pack	X	X	X	X	-	X				
RP10/RP03	- 10.24M 36-bit words; average access 47.5MS; 15 μ s/word; removable pack	X	X	X	X	-	X				
RH20/RHP04	- 20.48M 36-bit words, average access 27MS; 5.6 μ s/word; removable pack	X	X	X	X	X	X				
RH20/RHP06	- 40.96M 36-bit words; average access 27MS; 5.6 μ s/word; removable pack	-	-	X	X	X	X				
RH10/RHS04	- Fixed Head; 256K 36-bit words; 4 μ s/word	X	X	X	X	-	-				
RH10/RP04	- 20.48M 36-bit words; average access 27MS; 5.6 μ s/word; removable pack	X	X	X	X	X	X				
RH10/RP06	- 40.96M 36-bit words; average access 27MS; 5.6 μ s/word; removable pack	-	-	X	X	X	X				
RP20	- 967MB formatted capacity; average access 25ms; nonremovable media (KL10 only)	-	-	-	-	-	X				

HARDWARE OPTIONS	TOPS-10 SUPPORT						
	V5.07	V6.01	V6.02	V6.03 V6.03A	V7.00	V7.01	
<u>TAPES</u>							
TU20 - 7/9 channel; 45 in/sec; 200, 556, 800 B/I; up to 8 drives (Note: TM10A controller to I/O bus may be used instead of TM10B to Memory bus)	X	X	X	X	-	-	
TU30 - 7/9 channel; 75 in/sec; 200, 556, 800 B/I; up to 8 drives. (Note: TM10A controller to I/O bus may be used instead of TM10B to Memory bus)	X	X	X	X	-	-	
TU10 - 7/9 channel; 45 in/sec; 200, 556, 800 B/I; up to 8 drives. (Note: TM10A controller to I/O bus may be used instead of TM10B to Memory bus)	X	X	X	X	-	-	
TU40/41 - 9/7 channel; 150 in/sec; 200, 556, 800 B/I; up to 8 drives.	X	X	X	X	-	X	
TU70/71 - 9/7 channel; 200 in/sec, 800 (NRZI), 1600 (PE) B/I; max 8 drives.	X	X	X	X	X	X	
TD10 - TU56 DECTape controller for up to 4 dual drive units.	X	X	X	X	X	X	
TU16 - 9/7 channel; 45 in/sec; 200, 556, 800 (NRZI) and 1600 (PE) B/I; max 8 drives.	X	X	X	X	-	-	
TU72 - 9 channel; 125 in/sec; 1600 (PE), 6250 (GCR) B/I; max 8 drives.	X	X	X	X	X	X	

HARDWARE OPTIONS	TOPS-10 SUPPORT						
	V5.07	V6.01	V6.02	V6.03		V7.00	V7.01
				V6.03A			
<u>PERIPHERAL TRANSFERS VIA MEMORY BUS (DMA)</u>							
<u>I/O Channels for DMA Device Controllers</u>							
DF10 - DMA channel using 18-bit address logic for RC10, RP10, TM10B, RHP04, RHS04	X	X	X	X	-	X	
DF10C- same as DF10 with 22-bit address logic	X	X	X	X	X	X	
DAS33- DMA channel for RHP04, RHS04 (This channel prevents data overruns on high speed devices such as RHP04 and RHS04. Extended error reporting supported in V6.03.)	X	X	X	X	X	X	
MX10 - Memory Port Multiplexer for up to 8 DF10s or DAS33s (mixed)	X	X	X	X	-	X	
MX10C- MX10 using 22-bit logic	X	X	X	X	X	X	
RC10 - Controller for up to 4 RM10B and/or RD10 disks	X	X	X	X	-	-	
RP10 - Controller for up to 8 RP02 or RP03 drives	X	X	X	X	-	X	
TM10B- Controller for up to 8 TU10, TU40/41 drives	X	X	X	X	-	X	
<u>PERIPHERAL TRANSFERS VIA I/O BUS (BA 10 INTERFACE)</u>							
BA 10 - Interface for 1 each line printer, card reader, plotter, card punch. (Software supports maximum 3 LPs, 2 CRs, 2 XYs, and 1 CP.)	X	X	X	X	X	X	

HARDWARE OPTIONS	TOPS-10 SUPPORT									
	V5.07	V6.01	V6.02	V6.03 V6.03A	V7.00	V7.01				
<u>LINE PRINTERS</u>										
LP10F - 1250 L/M; 64 or 96 character set option with EDP or Scientific Print Set	X	X	X	X	X	X				
LP10H - 925 L/M; 64 or 96 character set option with EDP or Scientific Print Set	X	X	X	X	X	X				
LP100 - up to 1500 L/M; 64 or 96 character set option EDP or Customer-Specified Print Set	X	X	X	X	X	X				
LV10 - up to 300 L/M; 64 or 96 EDP Character Print Set	X	X	X	X	-	-				
LP27 - 1200 lines/minute, 64 characters - 800 lines/minute, 96 character DAVFU									X	
<u>CARDS</u>										
CR10-D - 1000 C/M	X	X	X	X	X	-				
CR10-E - 1200 C/M	X	X	X	X	X	X			X	
CR10-F - 285 C/M	X	X	X	X	X	X			X	
CP10A - Card Punch; 40 columns @ 300 C/M	X	X	X	X	-	-				
CP10D - Card Punch; 80 columns @ 100 C/M	X	X	X	X	-	X				
<u>PLOTTERS</u>										
XY10/XY10A - CALCOMP 565; 12-inch paper, 18K steps/ minute; step size .01, .005, .1	X	X	X	X	-	X				
XY10-C - CALCOMP 836	X	X	X	X	-	-				
<u>Step Size</u> <u>Steps/minute</u>										
.01 inches 12K										
.005 18K										
.1 18K										

HARDWARE OPTIONS	TOPS-10 SUPPORT						
	V6.03						
	V5.07	V6.01	V6.02	V6.03A	V7.00	V7.01	
<u>COMMUNICATIONS - DMA TRANSFER VIA MEMORY BUS</u>							
DL10 - Data Channel for up to 4 communications multiplexers (any combination of DC75, DC76, DAS78, DAS79, DAS85, DN87)	X	X	X	X	X	X	
<u>Asynchronous Line Multiplexers to DL10</u>							
DC76 - PDP-11/40 based system for up to 128 terminals plus console on asynchronous lines; aggregate line speed of 1500 C/S; max speed of single line is 2400 B/S (Note: Superseded by DN87)	X	X	X	X	-	-	
<u>Synchronous Line Multiplexers to DL10</u>							
DC75 - PDP-11 based system for up to 16 lines; total line speed of 40.8K bits/second; individual line speeds of 2400, 4800, 9600 bits/second	X	X	-	-	-	-	
DC75NP - DC75 with DDCMP protocol (Note: DDCMP protocol in LIR to 5.07/6.01, V6.02; Network support in V6.03)	X	-	X	X	-	-	
DAS85 - PDP-11 based system for up to 16 lines; total line speed of 40.8K bits/second; DDCMP (Note: Superseded by DN87)	X	-	-	-	-	-	
DAS78 - PDP-11 based system for up to 8 synchronous lines using 2780 protocol; up to 100K total line speed. (Note: Superseded by DN61)	X	-	X	-	-	-	
DN87 - PDP-11 based system for both synchronous and asynchronous lines (Note: Maximum of 12 synch lines (only) or 112 asynch lines, or combinations of 0 to 4 synch with 64 asynch; 5 to 8 synch with 32 asynch)	-	-	-	X	X	X	
DN61 - PDP-11 based systems for up to 8 synchronous lines terminating or emulating IBM 2780/3780; up to 100K baud total line speed	-	-	-	X	X	X	
<u>Synchronous/Asynchronous Line Multiplexers to DTE</u>							
DN87S	-	-	-	X	X	X	
DN20	-	-	-	X	X	X	
DN61S	-	-	-	X	X	X	

HARDWARE OPTIONS	TOPS-10 SUPPORT						
	V5.07	V6.01	V6.02	V6.03 V6.03A	V7.00	V7.01	
<u>REMOTE STATIONS VIA SYNCHRONOUS LINE MULTIPLEXERS</u>							
DC72 - PDP-8 based system with console, line printer, card reader and up to 16 terminals via asynchronous lines	X	X	-	-	-	-	
DC72NP - DC72 with DDCMP protocol (Note: DDCMP protocol in LIR TO V5.07/6.01, V6.02; networks support in V6.03)	X	-	X	X	-	-	
DN80 - Remote Batch Terminal, PDP-11 based system with card reader, line printer, console terminal (Note: DDCMP protocol in LIR to V5.07/6.01, V6.02; networks support in V6.03)	X	-	X	X	X	X	
DN81 - Remote Concentrator; PDP-11 based system for up to 32 asynchronous lines (20 ma, EIA, modem control); DN80-based software (Note: DDCMP protocol in LIR to V5.07/6.01, V6.02; networks support in V6.03)	X	-	X	X	X	X	
DN82 - Remote Station, combination of DN80 and DN81 (Note: DDCMP protocol in LIR TO V5.07/6.01, V6.02; networks support in V6.03)	-	-	X	X	X	X	
DN92 - PDP-08/A based system with console line printer, card reader, and concentration of up to 16 asynchronous terminal lines	-	-	-	X	X	X	
DN200 - Remote Job entry/terminal concentrator, PDP-11/34 based, console, line printer; up to 32 asynchronous terminal lines	-	-	-	X	X	x	
<u>COMMUNICATIONS - DATA TRANSFER VIA I/O BUS</u>							
DC10 - Hardware Multiplexers for up to 64 terminals on asynchronous lines; individual line speed up to 2400 bits/second	X	X	X	X	-	-	
DS10 - Single line synchronous interface; up to 9600 bits/second	X	X	-	-	-	-	

Preface - DECSYSTEM-20 Based Software

DECSYSTEM-20 documentation is shown in two parts. Part 1 is the Software Notebooks Set issued with a basic TOPS-20 kit. Part 2 shows documentation available as single manuals. The single manuals associated with TOPS-20 are duplicates of those in the Software Notebooks Set. The language processors are unbundled options even though their documentation is included in the Notebooks. The remaining kits in Part 2 are also unbundled.

The documentation list is correct as of January 1984. Please consult the Software Dispatch for the latest information on software product versions. The LCG Product Summary contains the latest information concerning unbundled option kits.

TOPS-20 Software Notebooks
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NOTEBOOK 1

Master Table of Contents		
Update Notices		
DECSYSTEM-20 Technical Summary	EA 20415 18	TOPS-20 V4
Getting Started with TOPS-20	AA-4187D-TM	TOPS-20 V4
Getting Started with Batch (TOPS-20)	AA-C781B-TM	TOPS-20 V3A
		GALAXY V3
TOPS-20 User's Guide	AA-4179C-TM	TOPS-20 V4
Update	AD-4179C-T1	TOPS-20 V5
Update	AD-4179C-T2	TOPS-20 V4.1, V5.1
TOPS-20 User Utilities Guide	AD-D850A-TM	MAIL V4
Update	AD-850A-T1	RDMAIL V4
Update	AD-D850A-T2	FILCOM V21A
		CREF V53A
		MAKLIB V2B
		DUMPER V4.1
		PLEASE V4
TOPS-20 AN User's Guide	AA-5221A-TM	TOPS-20AN V3
Update	AD-5221A-T1	TOPS-20AN V4

NOTEBOOK 2

TOPS-20 Commands Reference Manual	AA-5115B-TM	TOPS-20 V4
Update	AD-5115B-T1	TOPS-20 V5
Update	AD-5115B-T2	TOPSP-20 V4.1, V5.1
Batch Reference Manual	AA-H374A-TK	GALAXY V4
EXEC Message Manual	AA-J857A-TM	TOPS-20 V4

NOTEBOOK 3

EDIT User's Guide	DEC-20-UEUGA-A-D	EDIT V1B
EDIT Reference Manual	AA-5415A-TM	EDIT V3
TV Editor Manual	AA-H181A-TM	TV V4
Introduction to DIGITAL STANDARD RUNOFF	AA-N388A-TK	DSR V2
Update	AD-N388A-T1	DSR V2
TOPS-20 DIGITAL STANDARD RUNOFF User's Guide	AA-N389A-TM	DSR V2
TOPS-10/20 DECmail/MS Manual	AA-M840A-TK	DECmail/MS V10

NOTEBOOK 4

DECsystem-10/DECSYSTEM-20 Processor		
Reference Manual	AA-H391A-TK	KA, KI
Update	AD-H391A-T1	KL, KS

NOTEBOOK 5

MACRO Assembler Reference Manual	AA-4159C-TM	MACRO V53
LINK Reference Manual	AA-4183C-TM	LINK V5
Update	AD-4183C-T1	LINK V5.1
Monitor Calls User's Guide	AA-D859B-TM	TOPS-20
TOPS-20AN Monitor Calls User's Guide	AA-4963A-TM	TOPS-20AN V101B
Update	AD-4963A-T1	TOPS-20AN V3
Update	AD-4963A-T2	TOPS-20AN V4

TOPS-20 Software Notebooks
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NOTEBOOK 6	Monitor Calls Reference Manual Update	AA-4166E-TM AD-4166E-T1	TOPS-20 V5 TOPS-20 V5.1
NOTEBOOK 7	TOPS-20 IBM Emulation/Termination	AA-5095C-TM	2780/3780 ET V2.1 2780/3780 /HASP V1.1
	Introduction to DECnet	AA-J055C-TK	DECnet V3
	DECnet-20 User's Guide	AA-J679A-TM	DECnet V3
	DECnet-20 System Manager's and Operator's Guide	AA-J678A-TM	DECnet V3
	Update	AD-J678A-T1	PSI V1
	DECnet-20 Network Generation and Installation Guide	AA-K905A-TM	DECnet V3
NOTEBOOK 8	TOPS-20 PSI User's Guide	AA-J533A-TM	PSI V1
	TOPS-20 PSI Installation Guide	AA-N819A-TM	PSI V1
	FTS-20 Reference Manual	AA-M252A-TM	FTS-20 V1
	TOPS-20 DECnet-20 Programmer's Guide and Operations Manual	AA-5091B-TM	DECnet-20 V2
	Update	AD-5091B-T1	DECnet-20 V2.1
NOTEBOOK 9	TOPS-20 System Manager's Guide	AA-4169F-TM	TOPS-20 V4
	Update	AD-4169F-T1	TOPS-20 V4 RP20
	Update	AD-4169F-T2	TOPS-20 V5
	TOPS-20 KL Model B Installation Guide	AA-M229A-TM	TOPS-20 V5
	Update	AD-M229A-T1	TOPS-20 V5.1
	TOPS-20 KS/KL Model A Installation Guide	AA-P346A-TM	TOPS-20 V4.1
	TOPS-10/TOPS-20 UETP Procedures Reference Manual	AA-D606B-TK	TOPS-20 V4
			UETP V2
	TOPS-10/TOPS-20 Autopatch Procedures Reference Manual	AA-H729A-TK	TOPS-20 V4 PEP V1
NOTEBOOK 10	TOPS-20 Operator's Guide	AA-4176D-TM	TOPS-20 V4
	Update	AD-4165D-T1	TOPS-20 V4 RP20
	Update	AD-4176D-T2	TOPS-20 V5
	Update	AD-4176D-T3	GALAXY V4.2
	TOPS-20 DN200 Remote Station	AA-H786A-TM	RJS-20 V1

TOPS-20 Software Notebooks
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NOTEBOOK 11	Operator's Command Language Reference Manual	AA-H600A-TM	GALAXY V4
	Update	AD-H600A-T1	TOPS-20 V5
	Update	AD-H600A-T2	GALAXY V4.2
	RSX-20F System Reference Manual	AA-H352B-TK	TOPS-20 V4
			RSX-20F V14-45
	TOPS-10/TOPS-20 USAGE File Specification	AA-4181B-TK	TOPS-20 V4
	Update	AD-4181B-T1	GALAXY V4.2
	TOPS-20 Tape Processing Manual	AA-H180A-TM	TOPS-20 V4
	WATCH: a Program for Measuring System Usage		TOPS-20 V4
			WATCH V4
NOTEBOOK 12	TOPS-10/TOPS-20 SPEAR Manual	AA-J833A-TK	SPEAR V1
	TOPS-20 Monitor Table Descriptions		TOPS-20 V4
	TOPS-20 BUGHLT Document		TOPS-20 V4 RP20
	CHECKD Specification		TOPS-20 V5
	MAKVFU Specification		TOPS-20 V5
NOTEBOOK 13	DBMS-20 Documentation Directory	AA-J876A-TM	DBMS V6
	DBMS-20 User's Guide	AA-H229A-TM	DBMS V6
	DBMS-20 Data Manipulation Language Reference Manual	AA-H232A-TM	DBMS V6
	DBMS-20 Data Description Language Reference Manual	AA-H231A-TM	DBMS V6
	DBMS-20 Utilities Manual	AA-H228A-TM	DBMS V6
	DBMS-20 Release Notes	AA-J877A-TM	DBMS V6
	DBMS-20 Error Message Manual	AA-J878A-TM	DBMS V6
	DBMS-20 Installation Guide	AA-J875A-TM	DBMS V6
NOTEBOOK 14	COGO-10/20 User's Manual	AA-5510A-TK	COGO V1
	COGO-10/20 Installation Guide	AA-5511A-TK	COGO V1
	Introduction to IQL	AA-0947B-TK	IQL V3
	Interactive Query Language User's Guide	AA-H282A-TK	IQL V3
	PCS-10/20 Project Control System Reference Manual	AA-5512A-TK	PCS V1
	PCS-10/20 Installation Guide	AA-5513A-TK	PCS V1
	TRAFFIC-20 Programmer's Manual	AA-H296A-TM	TRAFFIC V2
NOTEBOOK 15	ALGOL Programmer's Guide	AA-0196C-TK	ALGOL V1A
	APLSF Language Manual	AA-H200A-TK	APLSF V2
	BASIC-PLUS-2 Language Manual	AA-H654A-TM	BASIC-PLUS-2 V2

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NOTEBOOK 16	Conversational Programming Language User's Manual	DEC-10-LCPLA-B-D	CPL-20 V18
	FORTTRAN Language Manual	AA-N383A-TK	FORTTRAN V7
	FORTTRAN Installation Guide	AA-P344A-TM	FORTTRAN V7
	FORTTRAN-10/20/VAX-11 FORTRAN Compatibility Manual	AA-Y868A-TK	FORTTRAN V7
NOTEBOOK 17			
	SORT/MERGE User's Guide	AA-M064A-TM	SORT/MERGE V4C
	COBOL-68 Language Manual	AA-5057B-TK	COBOL V12B
NOTEBOOK 18			
	TOPS-10/20 COBOL Conversion Utility Guide	AA-M586A-TK	68274 V12B
	COBOL-74 Language Manual	AA-5059B-TK	COBOL 74 V12B
	DIL User Reference Manual	AA-M581A-TK	
NOTEBOOK 19			
	BLISS User's Guide	AA-H712C-TK	BLISS V3
	BLISS Language Guide	AA-H275C-TK	BLISS V3
	BLISS-36 Compiler V3(160) Installation Notes	AA-J937C-TK	BLISS V3
NOTEBOOK 20			
	TOPS-20 PASCAL Language Manual	AA-L315A-TM	PASCAL-20 V1
	TOPS-20 PASCAL Primer	AA-L314A-TM	PASCAL-20 V1
	TOPS-20 PASCAL Installation Guide	AA-N306A-TM	PASCAL-20 V1
	TOPS-10/20 Math Library Reference Manual	AA-M400A-TK	FORTTRAN V7

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
TOPS-20 for DECSYSTEM 2020/2040/2050 Model A	See SPD 21.1.15 AE-4188P-TM Getting Started with TOPS-20 Monitor Calls User's Guide TOPS-10/20 SYSERR Manual Getting Started with RUNOFF TOPS-20 User's Guide Updates TOPS-20 Monitor Calls Ref. Man. Update TOPS-20 EDIT User's Guide TOPS-20 MACRO Assembler Reference Manual TOPS-20 Operator's Guide Updates Getting Started with BATCH TOPS-10/20 Batch Reference Man. Updates TOPS-20 Batch Operator's Guide Updates TOPS-20 LINK Reference Manual Update Software Installation Guide Update TOPS-20 System Manager's Guide Updates TOPS-20 MAKLIB Program Functional Specification TOPS-20 EDIT Reference Manual TOPS-10/TOPS-20 Usage File Specification Update TOPS-20 Commands Ref. Man. Updates TOPS-20 Operator's Command Language Manual Updates (Continued)	V3A 9/78 AA-4187C-TM D-20-OMUGA-A-D AA-D533A-TK D-20-URGSA-A-D AA-4179B-TM AA-4166C-TM AD-4166C-T1 D-20-UEUGA-A-D AA-4159C-TM AA-4176C-TM AD-4176C-T1 AA-C781B-TM D-20-OBRMA-A-D D-20-OBRMA-A-DN1, DN2, DN3 D-20-OBOGA-A-D D-20-OBOGA-A-DN1, DN2, DN3 AA-4183B-TM AD-4183B-T1 AA-4195F-TM AA-4169E-TM D-20-UMKLA-A-D AA-5415A-TM AA-4181A-TM AA-5115A-TM	V4 4/80 AA-4187D-TM Obsolete AA-D533B-TK D-20-URGSA-A-D AA-4179C-TM AA-4166E-TM Obsolete D-20-UEUGA-A-D AA-4159C-TM AA-4176D-TM AD-4176D-T1 AA-C781B-TM AA-H374A-TK obsolete obsolete obsolete AA-4183C-TM AD-4183B-T1 AA-4195G-TM AD-4195G-T1 AA-4169F-TM AD-4169F-T1 obsolete AA-5415A-TM AA-4181B-TM AA-5115B-TM AA-H600A-TM	V4.1 4/83 AA-D859B-TM obsolete AD-4179C-T1, T2 AA-4166E-TM AD-4176D-T1, T2, T3 AA-4183C-TM AD-4183C-T1 AD-4169F-T1, T2 AD-4181B-T1 AD-5115B-T1, T2 AD-H600A-T1, T2	

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
	TOPS-20 TV Editor Manual TOPS-20 User Utilities Guide Updates TOPS-10/20 RSX-20F System Reference Manual DEC-10/20 Processor Ref. Man. Update TOPS-20 EDIT Reference Card TOPS-20 TV Reference Card TOPS-10/20 User Environment Test Package Reference Man. TOPS-10/20 Autopatch Procedures Reference Manual TOPS-20 EXEC Message Manual TOPS-20 Command Ref. Card TOPS-20 Tape Processing Man. TOPS-10/TOPS-20 SPEAR Manual Data Interchange User's Manual Introduction to DIGITAL STANDARD RUNOFF Update TOPS-20 DIGITAL STANDARD RUNOFF User's Guide TOPS-20 KS/KL-A Installation Guide TOPS-10/TOPS-20 DDT Ref Card TOPS-10/TOPS-20 SPEAR Ref Card TOPS-20 DSR Pocket Guide TOPS-20 Monitor Calls Quick Reference Guide TOPS-10/TOPS-20 Operator's Commands Reference Card Introduction to DECSYSTEM-20	AV-D310A-TM AA-D606A-TM	AA-H181A-TM AA-D850A-TM AA-H352B-TK AA-H391A-TK AV-J341A-TM AA-D606B-TM AA-H729A-TK AA-J857A-TM AV-L704A-TM AA-H180A-TM	AD-850A-T1, T2 AA-H352B-TK AA-H391A-TK AD-H391A-T1 AA-H729A-TK AA-J857A-TM AV-L704B-TM AA-H180A-TM AA-J857A-TM AA-M581A-TK AA-N388A-TK AD-N388A-T1 AA-N389A-TM AA-P346A-TM AV-M272A-TK AV-M752A-TK AV-N390A-TM AV-P173A-TM AV-P380A-TK EY-AX017-DP	

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
TOPS-20 for DECSYSTEM 2040/2060 Model B	See SPD 21.20.4 AE-N082E-TM DEC-20 MACRO Assembler Ref Man TOPS-20 Monitor Calls Ref Man Update TOPS-20 System Manager Guide Updates TOPS-20 Operator's Guide Updates TOPS-20 User's Guide Updates TOPS-10/20 Usage File Specifications Update DEC-20 EDIT User's Guide TOPS-20 Link Reference Update DEC-20 Getting Started-RUNOFF Getting Started with TOPS-20 TOPS-20 Commands Reference Man Update DEC-20 EDIT Reference Manual Getting Started with BATCH TOPS-10/20 UETP Procedures Reference Manual TOPS-20 User Utilities Guide Update DEC-20 Monitor Calls User Gd TOPS-20 Tape Processing Man. TV Editor Manual TOPS-10/20 RSX-20F System Reference Manual TOPS-10/20 BATCH Ref Manual DEC-10/20 Processor Ref Man Update TOPS-10 Operator Command Language Reference Manual Update TOPS-10/TOPS-20 SPEAR Manual TOPS-20 EXEC Message Manual TOPS-20 KL10 Model B Installa- tion Guide Update DIGITAL Networking Pocket Guide (Continued)	V5 4/82 AA-4159C-TM AA-4166E-TM AA-4169F-TM AD-4169F-T1, T2 AA-4176D-TM AD-4176D-T1, T2 AA-4179C-TM AD-4179C-T1 AA-4181B-TK D-20-UEUGA-A-D AA-4183C-TM D-20-URGSA-A-D AA-4187D-TM AA-5115B-TM AD-5115B-T1 AA-5415A-TM AA-C781B-TM AA-D606B-TK AA-D850A-TM AD-D850A-T1 AA-D859B-TM AA-H180A-TM AA-H181A-TM AA-H352B-TK AA-H374A-TK AA-H391A-TK AA-H600A-TM AD-H600A-T1 AA-J833A-TK AA-J857A-TM AA-M229A-TM	V5.1 4/83 AA-4159C-TM AA-4166E-TM AD-4166E-T1 AA-4169F-TM AD-4169F-T1, T2 AA-4176D-TM AD-4176D-T1, T2, T3 AA-4179C-TM AD-4179C-T1, T2 AA-4181B-TK AD-4181B-T1 D-20-UEUGA-A-D AA-4183C-TM AD-4183C-T1 obsolete AA-4187D-TM AA-5115B-TM AD-5115B-T1, T2 AA-5415A-TM AA-C781B-TM AA-D606B-TK AA-D850A-TM AD-D850A-T1, T2 AA-D859B-TM AA-H180A-TM AA-H181A-TM AA-H352B-TK AA-H374A-TK AA-H391A-TK AD-H391A-T1 AA-H600A-TM AD-H600A-T1, T2 AA-J833A-TK AA-J857A-TM AA-M229A-TM AD-M2291-T1 AV-N956A-TK		

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
	DEC-20 EDIT Reference Card TOPS-10/TOPS-20 DDT Ref Card TOPS-10/TOPS-20 SPEAR Ref Card Introduction to DSR Update TOPS-20 DSR User's Guide TOPS-20 DSR Pocket Guide TOPS-10/20 OPR Commands Ref.Card TOPS-20 Monitor Calls Quick Reference Guide Data Interchange Library User's Guide TOPS-10/20 SPEAR Reference Card TOPS-20 Commands Reference Card TOPS-20 IBM Emulation/Termination Introduction to DECSYSTEM-20 KL10 Microcode Installation Guide	AV-D310A-TM AV-M272A-TK AV-M752A-TK	AV-D310A-TM AV-M272A-TK AV-M752A-TK AA-N388A-TK AD-N388A-T1 AA-N389A-TM AV-N390A-TM AV-P380A-TK AV-P173A-TM AA-M581A-TK		
TOPS-20AN for 2020	See SPD 22.2.10 AE-5366K-TM	V103 3/78	V3A 10/78	V4 4/80	V4.1 11/82
	TOPS-20AN Monitor Calls User's Guide Updates TOPS-20AN User's Guide Update For other manuals, see TOPS-20 V4, SPD 21.1.n	AA-4963A-TM AA-5221A-TM	AA-4963A-TM AD-4963A-T1 AA-5221A-TM	AA-4963A-TM AD-4963A-T1, T2 AA-5221A-TM AD-5221A-T1	See TOPS-20 V4.1 SPD 21.1.n
TOPS-20AN for DECSYSTEM 2040/2060	See SPD 21.30.3 AE-N083D-TM TOPS-20AN Monitor Calls User's Guide Updates TOPS-20AN User's Guide Update For other manuals, see TOPS-20 for DECSYSTEM 2040/2060.	V5 4/82 AA-4963A-TM AD-4963A-T1, T2 AA-5221A-TM AD-5221A-T1	5.1 3/83 AA-4963A-TM AD-4963A-T1, T2 AA-5221A-TM AD-5221A-T1		

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
ALGOL-10 and ALGOL-20	QT002 7.18.04 AE-J812E-TK (QH502 for ALGOL-10) Base Operating Systems: TOPS-10/20 ALGOL Programmer's Guide	V1 5/80 TOPS 20 V4 TOPS-10 V6.03A AA-0196C-TK	V1A 3/81 TOPS-20 V4 TOPS-10 V7.01 AA-0196C-TK	V1.2 3/82 TOPS-20 (2020) V4 TOPS-20 (2040/2060) V5 TOPS-10 V7.01 AA-0196C-TK	V5
APL-BASIC	QT014 220.6.07 AE-0159H-TK (QH072 for TOPS-10 system) Base Operating Systems: APLSF Language Manual	V1 2/77 TOPS-20 V1B,V2,V3 TOPS-10 V6.02, V6.03	V2 6/80 TOPS-20 (2020) V4 TOPS-20 (2040/2060) V5 AA-H200A-TK	V5	
APLSF (formerly APLSF-20)	QT012 8.16.07 AE-0021H-TK (QH071 for TOPS-10) Base Operating Systems: APLSF Programmer's Ref. Man. TOPS-10/20 APLSF Language Manual	V1 2/77 TOPS-20 V1B,V2,V3 TOPS-10 V6.02, V6.03 D-20-LASFA-A-D	V2 11/79 TOPS-20 (2020) V4 TOPS-20 (2040/2060) V5 TOPS-10 V7.01 AA-H200A-TK	V5	
BASIC-10 V17F/ BASIC-20 V17	QT004 30.70.03 AE-L016D-TK (QH503 for BASIC-10) Base Operating Systems: DEC-20 BASIC User's Guide	V17 3/81 TOPS-20 (2020)V4 TOPS-20 (2040/2060) V5 TOPS-10 V7.01 D-20-LBMAA-A-D	V5		

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
BASIC-PLUS-2	QT027 21.12.6 AE-0160G-TM Base Operating Systems: TOPS-20 BASIC-PLUS-2 Language Manual	V2.1 8/81 TOPS-20 (2020) V4 TOPS-20 (2040/2060) V5 AA-H654A-TM			
BLISS-36	QT115 7.22.05 AE-J656F-TK Base Operating Systems: BLISS Language Guide Update BLISS-36 User's Guide BLISS-36 Installation Notes BLISS Pocket Guide XPORT Programmer's Guide	V2 4/80 TOPS-20 V4 TOPS-10 V7.01 AA-H275B-TK AA-H712B-TK AA-J937A-TK AV-H289B-TK	V2.1 1/81 TOPS-20 V4 TOPS-10 V7.01 TOPS-10 V7.01 AA-H275B-TK AA-H712B-TK AA-J937B-TK AV-H289B-TK AA-J201A-TK	V3 3/82 TOPS-20 (2020)V4 TOPS-20 (2040/2060) V5 AA-H275C-TK AA-H712C-TK AA-J937C-TK AV-H289C-TK AA-J201A-TK	V4 10/83 TOPS-20 (2020) V4.1 TOPS-20 (2040/2060) V5, V5.1 TOPS-10 V7.01A AA-H275C-TK AD-H275C-T1 AA-H712D-TK AA-J937D-TK AV-AT45A-TK AA-J201A-TK
COBOL 10/20 with SORT/MERGE V4C	See SPD 7.16.08 AE-H489I-TK Base Operating Systems: COBOL-68 Language Manual COBOL-68 Language Manual Updates DEC-20 SORT/MERGE User's Guide COBOL-74 Language Manual COBOL-74 Language Manual Update COBOL-74 Reference Card COBOL Conversion Utility Guide	V12A 1/80 TOPS-20 V4 TOPS-10 V6.03A AA-5057A-TK AD-5057A-T1, T2 AA-4186C-TM AA-5059A-TK AD-5059A-T1	V12B 9/81 TOPS-20 Model A V4 TOPS-20 Model B V5, TOPS-10 V7.01 Removed AA-M064A-TM AA-5059B-TK AV-L854A-TK AA-M586A-TK	V5.1	

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
DEC/CMS-20 (Digital Equipment Corporation Code Management System)	QT219 21.25.00 AE-Y3331A-TM Base Operating System: DEC/CMS-20 Reference Manual DEC/CMS-20 Pocket Guide DEC/CMS-20 Installation Guide User's Introduction to DEC/CMS-20	V1 9/83 TOPS-20 V5.1 AA-W654A-TM AV-W651A-TM AA-W652A-TM AA-W659A-TM			
DECmail/MS	QT215 21.21.0 AE-N127A-TM Base Operating System: TOPS-10/20 DECmail/MS Manual	V10 4/83 TOPS-20 V4,V5 AA-N840A-TK			
DECNET-20 for 2040/2060	See SPD 23.2.8 AE-H076I-TM Base Operating Systems: DECnet-20 User's Guide DECnet-20 System Manager's Guide DECnet-20 Installation Guide Introduction to DECnet	V1 9/78 TOPS-20 V3A	V2 4/80 TOPS-20 V4	V2.1 6/82 TOPS-20 (2020)V4 TOPS-20 V5 (2040/2060)	V3 4/83 TOPS-20 V5.1 AA-J679A-TM AA-J678A-TM AA-K905A-TM AA-J055C-TK
DECNET-20 2020	QTD20 23.20.0 AE-N166A-TM Base Operating System: TOPS-20 DECnet Programmer's Guide and Operator's Guide Update	V2.1 7/82 TOPS-20 V4 AA-5091B-TM AD-5091B-T1			
DECSYSTEM- 10/20 Maintenance Product	See SPD 8.56.2 AE-E442C-TK Base Operating Systems:	V1 6/78 TOPS-20 (2020) V4 TOPS-20 (2040/2060) TOPS-10 V7.01	V5		

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
DECSYSTEM-10/ DECSYSTEM-20 SORT/MERGE	QT007 21.15.09 AE-H488J-TK (QH300 for DECSYSTEM-10) Base Operating Systems: DEC-20 SORT/MERGE User's Guide	V4 1/79 TOPS-20 V3 TOPS-10 V6.02 AA-4186C-TM	V4B 1/80 TOPS-20 V4 TOPS-10 6.03 AA-4186C-TM	V4C 4/81 TOPS-20 (2020) V4 TOPS-10 (2040/2060) TOPS-10 V7.01 AA-M064A-TM	V5
DECSYSTEM-20 BASIC-PLUS-2	QT027 21.12.6 AE-0160G-TM Base Operating Systems: TOPS-20 BASIC-PLUS-2 Language Manual BASIC-PLUS-2 User's Guide	V1 11/76 TOPS-20 V1B,V2,V3 AA-0153A-TK AA-0152A-TM	V2 4/80 TOPS-20 V4 AA-H654A-TM Obsolete	V2.1 5/81 TOPS-20 (2020) V4 TOPS-20 (2040/2060) AA-H654A-TM	V5
DECSYSTEM-2020 Diagnostic and Maintenance Product	ZT001 22.20.0 AE-H116A-TK Base Operating Systems:	V1 9/78 TOPS-20 V3			
DX/TOPS-20	QT708 23.04.01 AE-D887B-TM Base Operating Systems: DX/TOPS-20 Installation Guide DX Product User's Guide	V1 7/78 TOPS-20 V3 and WPS-8 (see SPD) AA-D877A-TM AA-D870A-TK			
FORTRAN-20	QT001 21.5.7 AE-4189H-TM Base Operating System: TOPS-10/20 FORTRAN Language Man. TOPS-10/20 FORTRAN Ref. Card TOPS-20 FORTRAN Installation Guide FORTRAN-10/20/VAX-11 FORTRAN Compatibility Manual TOPS-10/20 Math Library Ref Man	V5A 5/81 TOPS-20 V4	V6 1/82 TOPS-20 (2020) V4 TOPS-20 (2040/2060) V5 AA-J127A-TK AV-M142A-TK	V7 4/83 TOPS-20 Model A V4.1 TOPS-20 Model B V5, V5.1 AA-N383A-TK AV-P529A-TK AA-P344A-TM AA-Y868A-TK AA-M400A-TK	V5.1

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
<p>FTS-20</p> <p>GIGI CAI Primer</p> <p>GIGI Software</p>	<p>QT088 21.13.1 AE-R299B-TM</p> <p>Base Operating System: FTS-20 Reference Manual</p> <p>See SPD 30.1.0 AE-L233A-TK</p> <p>Base Operating Systems:</p> <p>GIGI/REGIS CAI Primer GIGI/REGIS CAI Primer Student Guide GIGI-20 Package A Installation and Programmers Release Notes GIGI Graphics Editor Primer</p> <p>See SPD 30.10.3 AE-L308D-TK (Requires FORTRAN. See SPD.)</p> <p>Base Operating Systems:</p> <p>Slide Projection System Manual GIGI 20 Package A Installation Procedures and Release Notes Character Set Editor Manual Graphics Editor Manual GIGI Basic Manual GIGI REGIS Application Library Manual GIGI TOPS20 Package B Installation and Release Notes GIGI TOPS20 Package B Installation and Release Notes GIGI DDP Manual GIGI DECrite Manual GIGI Graphics Editor Primer GIGI Package C Installation and Release Notes</p>	<p>V1 4/83</p> <p>TOPS-20 V4.1, V5.1</p> <p>AA-M252A-TM</p> <p>V1 4/81</p> <p>TOPS-20 (2020) V4 TOPS-20 (2040/2060) V5 VAX/VMS V2.2</p> <p>AA-L101A-TM AA-K329A-TE</p> <p>AA-L059A-TM</p> <p>AA-M638A-TK</p> <p>V1 4/81</p> <p>TOPS-20 (2020) V4 TOPS-20 (2040/2060) V5 VAX/VMS V3 RSTS/E V7</p> <p>AA-J943A-TK AA-L059A-TM</p> <p>AA-K337A-TK AA-J942A-TK AA-K335A-TK AA-J884A-TK</p> <p>AA-M161A-TM</p> <p>AA-M161A-TM</p> <p>AA-J956A-TK AA-J944A-TK AA-M638A-TK AA-V544A-TE</p>			

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
IQL-10 Extended/ IQL-20 Extended	QT016 8.24.07 AE-5219H-TK (QH045 for IQL-10) Base Operating Systems:	V2 3/77 TOPS-20 V3 TOPS-10 V6.02, V6.03	V3 2/79 TOPS-20 V3 TOPS-10 V6.02, V6.03	V3A 4/80 TOPS-20 V4 TOPS-10 V7.01	V3.3 11/81 TOPS-20 (2020) V4 TOPS-20 (2040/2060) V5 TOPS-10 V7.01
KL10 Microcode Product	QT850 21.18.02 AE-N473C-TM Base Operating System: KL10 Microcode Installation Guide	V2.5 9/82 TOPS-20 V5	V275 9/83 TOPS-20 V5.1 AA-AS78A-TM	AA-H282A-TK AA-0947B-TK	AA-H282A-TK AA-0947B-TK
KS10 Microcode Product	QT046 8.53.03 AE-H112D-TK Base Operating Systems:	V1 10/81 TOPS-20 V4 TOPS-10 V7.01	V123 4/82 TOPS-20 V4 TOPS-10 V7.01		
PASCAL-20	QT221 21.40.00 AE-U069A-TM Base Operating System: TOPS-20 PASCAL Primer TOPS-20 PASCAL Language Manual TOPS-20 PASCAL Installation Guide TOPS-20 PASCAL Reference Card TOPS-10/20 Math Library Reference Manual	V1 TOPS-20 (2020) V4.1 TOPS-20 (2040/ 2060) V5, V5.1 AA-L314A-TM AA-L315A-TM AA-N306A-TM AV-L316A-TM AA-M400A-TK			

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
REGIS CAI Primer	See SPD 30.12.0 AE-L234A-TK Base Operating Systems:	V1 4/81 TOPS-10 (2020) V4 TOPS-20 (2040/2060) VAX/VMS V2.2 RSTS/E V7	V5		
RJE-20	QT062 23.6.1 AE-J660B-TM Base Operating Systems:	V1 4/80 TOPS-20 (2020) V4 TOPS-20 (2040/2060) and DECnet-20 V2.1	V5		
SITGO-10/20	TOPS-20 DN200 Remote Station Guide DECnet-20 V2 DECnet.BWR See SPD 8.38.03 AE-D449D-TK Base Operating Systems:	AA-H786A-TM AA-J693A-TM V1 3/80 TOPS-20 V3A TOPS-10 V6.02, V6.03			
SORT Upgrade to COBOL-68/74 TOPS-20 2780/3780 HASP for 2020	See COBOL-68/74 with SORT/MERGE QT053 23.7.2 AE-J670C-TM Base Operating System: IBM Emulation/Termination Manual	V1 8/80 TOPS-20 V4 AA-5095B-TM	V1.1 4/83 TOPS-20 V4.1	AA-5059C-TM	
TOPS-20 2780/3780/ HASP	See SPD 30.24.1 AE-P337B-TK Base Operating Systems: IBM Emulation/Termination Manual	V1.1 4/83 TOPS-20 V5, V5.1 TOPS-10 V7.01A AA-5095C-TM			

PRODUCT NAME	KIT # SPD #	DECSYSTEM-20 Products and Documentation			
<p>TOPS-20 2780/3780 ET</p> <p>TOPS-10 PSI Gateway</p>	<p>See SPD 30.23.02 AE-P336C-TK</p> <p>Base Operating Systems: IBM Emulation/Termination</p> <p>See SPD 21.22.00 AE-X113A-TM</p> <p>Base Operating System: TOPS-20 PSI User's Guide TOPS-20 PSI Installation Guide DECnet-20 System Manager's and Operator's Guide Update</p>	<p>V2.1 4/83</p> <p>TOPS-20 V5,V5.1 TOPS-10 V7.01A</p> <p>AA-5095C-TM</p> <p>V1 8/83</p> <p>TOPS-20 V5.1</p> <p>AA-J533A-TM AA-N819A-TM AD-J678A-T1</p>			
<p>TRAFFIC-20</p>	<p>QT037 22.10.5 AE-5355F-TM (Requires COBOL-68 V12 or later)</p> <p>Base Operating Systems: TRAFFIC-20 User's Manual TRAFFIC-20 Programmer's Manual</p>	<p>V1</p> <p>TOPS-20 V3</p> <p>D-20-ATUMA-A-D</p>	<p>V2 5/77</p> <p>TOPS-20 V3</p> <p>AA-H296A-TM</p>	<p>V2 5/80</p> <p>TOPS-20 V4</p> <p>AA-H296A-TM</p>	<p>V2A 4/81</p> <p>TOPS-20 (2020) V4 TOPS-20 (2040/2060)V5</p> <p>AA-H296A-TM</p>

HARDWARE OPTIONS	DECSYSTEM-20 SUPPORT								
	V01A	V01B V02	V3	V3A	V4	V4+ RP20LIR	V5	V5.1	
PROCESSORS									
KL10 - 386 instructions (microprogrammed); business instruction set, instruction lookahead, virtual memory, 256K 36-bit words max for single program, 30 characters/second console terminal (total memory 2 MEG)	X	X	X	X	X	X	X		
KS10 - 386 instructions (microprogrammed); business instruction set, instruction lookahead, virtual memory, 256K 36-bit words max for single program, 30 characters/second console terminal (total memory 512K)				X	X	-	-		
MEMORY - KL10									
MA20-AA, AB - 1 μ s Basic Memory Module (1 per 128K) AC, AD	X	X	X	X	X	X			
MA20-E - 32K 1' μ s expansion Module (3 per 128K)	X	X	X	X	X	X			
MB20-AC,AD - 64K 1 μ s Basic Memory Module (1 per 256K)		X	X	X	X	X			
MB20-E - 64K 1 μ s Expansion Memory Module (3 per 256K)		X	X	X	X	X			
MB20-(GC,GD) - 1st 64K words expansion (beyond 256K)			X	X	X	X			
MF20-(LA,LB) - 256K words MOS plus 1st backplane				X	X	X	X		
MF20-(LC,LB) - 256K words MOS plus 2nd backplane				X	X	X	X		
MF20-(LM,LN) - 256K external MOS plus 1st backplane					X	X	X		
MF20-(-LK,LL) - 256K external MOS plus 2nd backplane					X	X	X		
MF20-E - 256K expansion				X	X	X	X		
MEMORY - KS10									
MS10-BA - 64K add-on			X	X	X		-		

HARDWARE OPTIONS	DECSYSTEM-20 SUPPORT							
	V01A	V01B V02	V3	V3A	V4	V4+ RP20LIR	V5	V5.1
DISKS								
RH20/RP04 - 20.48M 36-bit words, average access 27Ms, 5.6 μ s/word, removable pack	X	X	X	X	X	X	X	
RH20/RP06 - 40.96M 36-bit words, average access 27Ms, 5.6 μ s/word, removable pack	-	X	X	X	X	X	X	
RM03 - (2020 only) 67 mbyte disk			X	X	X	X	-	
RP20 - (KL10 only)					X	X	X	
MAGNETIC TAPES								
RH20/TU45 - MASSBUS device, 9-channel 800/1600 bits per inch, 75 inch per second	X	X	X	X	X	X	X	
TU77 - 125-inch per second, 800/1600 bits per inch on RH20				X	X	X	X	
TU70 Series (KL10 only)								
TU70 - 9-track, 200 inch per second, 800/1600 bits per inch			X	X	X	X	X	
TU72 - 9-track, 125 inch per second, 1600/6250 bits per inch				X	X	X	X	
TX03 - 2-channel switch					X	X	X	
TX05 - 2 x 8 tape switch					X	X	X	
TU78							X	

DECSYSTEM-20 SUPPORT
Hardware Options - Disks and Magnetic Tapes

HARDWARE OPTIONS	DECSYSTEM-20 SUPPORT							
	V01A	V01B V02	V3	V3A	V4	V4+ RP20LIR	V5	V5.1
<u>LINE PRINTERS</u>								
LP20-A/LP05-VK - 300 lines/min, 64 character, EDP, DAVFU, Ribbon Deskew, LLI, 96-character foldover	X	X	X	X	X	X	X	
LP20-B/LP05-WK - 230 lines/min, 96 character, EDP, DAVFU, Ribbon Deskew, LLI	X	X	X	X	X	X	X	
LP20-C - 890 lines/min, 64 character EDP, DAVFU, Ribbon Deskew, LLI		X	X	X	X	X	X	
LP20-D - 650 lines/min, 96 character EDP, DAVFU, Ribbon Deskew, LLI		X	X	X	X	X	X	
LP20-F/LP10 - 1200 lines/min, 64 character	X	X	X	X	X	X	X	
LP20-H/LP10 - 925 lines/min, 96 character	X	X	X	X	X	X	X	
LP200-B - 1220 lines/min charabaud printer	X	X	X	X	X	X	X	
LP27 - 1200 lines/min, 64 character 800 lines/min, 96 character DAVFU								X
<u>CARDS</u>								
CD20-A - 285 cards/min reader	X	X	X	X	X	X	X	
CD20-C - 1200 cards/min reader	X	X	X	X	X	X	X	
<u>PUNCH</u>								
PC20 - Papertape Reader/Punch on I/O bus				X	X	X	X	
CP20 - Card Punch							X	

HARDWARE OPTIONS		DECSYSTEM-20 SUPPORT							
		V01A	V01B V02	V3	V3A	V4+ V4 RP20LIR		V5	V5.1
<u>COMMUNICATIONS</u>									
DC20-AA	- 8-line asynchronous multiplexor, up to 9600 baud, programmable	X	X	X	X	X	X	X	
DC20-AD	- 16-line asynchronous multiplexor, up to 9600 baud, programmable	X	X	X	X	X	X	X	
DC20-CC	- Cables and distribution cabinet			X	X	X	X	X	
DC20-EC,ED	- Communications expansion cabinet for expansion past 32 lines		X	X	X	X	X	X	
DN20-CA,CB	- Synchronous Data Communications Front end with 32K			X	X	X	X	X	
DN20-MA,MB	- Synchronous Data Communications front end with 128K MOS					X	X	X	
DN20-MU	- 32K to 128K MOS upgrade					X	X	X	
DN20-BA	- Synchronous Line Controller and Synchronous Line (includes DN20-BB)			X	X	X	X	X	
DN20-BB	- Synchronous line (low speed)			X	X	X	X	X	
DN21-BA	- Synchronous line (high speed)					X	X		
DN21-BB	- Synchronous line (high speed expander)					X	X		
DN21-HA	- 1M baud synchronous line								
DN21-JA,JB	- Synchronous expander draw							X	
DN200-AA,AB	- Remote station					X	X		
DN200-MC	- Remote station							X	
DMR11-AA	- low speed synchronous line							X	
DMR11-AB	- high speed synchronous line							X	
DMR11-AC	- high speed synchronous line								
DMR11-AE	- high speed synchronous line							X	

HARDWARE OPTIONS		DECSYSTEM-20 SUPPORT							
		V01A	V01B V02	V3	V3A	V4	V4+ RP20LIR	V5	V5.1
<u>TERMINALS</u>									
LA37	- APL terminal	X	X	X	X	X	X	X	
LA36	- DECwriter II	X	X	X	X	X	X	X	
LA120	- 120 char/sec printer							X	
VT50	- CRT terminal							X	
VT52	- CRT Terminal	X	X	X	X	X	X	X	
VT100	- CRT Terminal					X	X	X	
VT120	- DECwriter III					X	X		
LA38	- DECwriter IV					X	X		
VT101	- CRT terminal						X		
VT102	- CRT terminal						X		
VK100	- Graphics keyboard						X	X	
VT125	- VT100 with graphics						X	X	
RT100	- CRT terminal						X	X	
RT102	- CRT terminal					X	X	X	
RT137	- VT100 bar code reader						X		

DECnet Options

DIGITAL Network Architecture, implemented across a wide range of operating systems and hardware configurations, enables users to build a variety of networks. While such networks have a common attribute, individual systems in the network may have certain system-specific attributes. The common attribute is:

- Task-to-task communication: Programs or tasks on one system can create logical links and exchange data with programs or tasks on other systems in a real-time fashion.

Additionally, many DECnet systems support other features that are useful in network environment. These include:

- Intersystem File Transfer: This facility allows an entire data file to be moved between systems, at either program or operator request. The common file type supported across systems that provide this functionality is sequential ASCII.
- Batch Command File Submission: Local users can submit batch or command files to remote systems for execution.
- Batch/Command File Execution: Remote users can cause a batch or command file that resides at a remote node to be submitted for execution at the local node.
- Remote File Access: Tasks or programs can access sequential files on a record-by-record basis from files located on remote nodes.
- Down-line System Loading: Initial memory images for DECnet-11S systems in the network can be stored on the local system, and loaded on request into other systems in the network. Remote systems usually require the presence of a network bootstrap loader, implemented in read-only memory.
- Down-line Task Loading: Programs to be executed on DECnet-11S systems in the network can be stored on the local system, and loaded on request into the DECnet-11S system, under the joint control of the operating systems at both ends of the physical link. This and the preceding feature simplify the operation of network systems that do not have mass storage devices.

Phase III DECnet products support to varying degrees the following functions:

- Adaptive Path Routing: the ability to send messages to other systems in the network by routing these through intermediate systems. Phase III has the ability to detect and route around line or system failures transparently to the user.
- Multipoint Links: the ability of several network nodes to use a single physical communication line. Requires a Master to control traffic; other systems "dropped" off the line are called slaves.

(Continued)

DECnet Options

- Network Command Terminals: the ability of a terminal user at one network system to connect to another system in the network as if it were local. The sending and target systems must use the same operating system.
- Network Management Facilities: the ability to monitor, test, and alter network activities from single (or multiple) locations.

PRODUCT NAME	KIT # SPD #	DECnet Option Kits			
		PHASE II	PHASE III	PHASE III	PHASE IV
DECnet-10 (TOPS-10 DECnet Compatible Port)	QH682 8.60.05 AE-D040E-TC Operating System: TOPS-10 Networks Software Installation Guide Update	V2 3/79 TOPS-10 V7.01 AA-5156E-TB AD-5156E-T1			
DECNET-20 for DECSYSTEM 2040/2060	See SPD 23.2.8 AE-H076I-TM Operating System: DECnet-20 User's Guide DECnet-20 Sys. Mgr's Guide DECnet-20 Installation Guide Introduction to DECnet	V2.1 8/82 TOPS-20 V4,V5	V3 4/83 TOPS-20 V5.1	AA-J679A-TM AA-J678A-TM AA-K905A-TM AA-J055C-TK	
DECNET-20 for DECSYSTEM 2020	QTD20 23.20.0 AE-N166A-TM Base Operating System: TOPS-20 DECnet Programmer's Guide and Operator's Guide Update DECnet-20 V2 DECnet.BWR	V2.1 9/82 TOPS-20 V4 AA-5091B-TM AD-5091B-T1 AA-J693A-TM			
DECNET-11M	QJ684 10.75.10 AE-3431K-TC Operating System: RSX/IAS DECnet Release Notes Update RSX/IAS DECnet User's Guide RSX/IAS DECnet Sys. Mgr's Gd. RSX/IAS DECnet Networks Generation Manual (Continued)	V2.0 2/78 RSX-11M V3.1 AA-D393A-TC AD-D393A-T1 AA-5182A-TC AA-5183A-TC AA-D355A-TC	V3 4/80 RSX-11M V3.2,V4	V3.1 6/82 RSX-11M V4,V4.1	V4 12/83 RSX-11M V4.1 Obsolete Obsolete Obsolete Obsolete Obsolete

NETWORKS AND COMMUNICATIONS
DECnet Option Kits

PRODUCT NAME	KIT # SPD #	DECnet Option Kits			
<p>DECNET-11M-PLUS</p> <p>DECNET-11S</p>	<p>DECnet-RSX Guide to User Utilities Update 1 DECnet-RSX System Manager's Guide Update 1 DECnet-RSX Netgen Installation Guide Update 1 Introduction to DECnet DECnet-RSX P/I C/O Procedures DECnet-RSX Release Notes Overview of DECnet-RSX RSX-DECnet Reference Guide DECnet-RSX Programmer's Ref Man</p> <p>QR580 10.66.03 AE-J513D-TC QJ767</p> <p>Operating System:</p> <p>DECnet-RSX Guide to User Util's Update 1 DECnet-RSX System Manager's Guide Update 1 DECnet-RSX Netgen Installation Guide Update 1 Introduction to DECnet DECnet-RSX P/I C/I Procedures DECnet-RSX Release Notes Overview of RSX DECnet RSX DECnet Reference Guide DECnet-RSX Programmer's Ref Man</p> <p>QJ694 10.74.10 AE-3432K-TC</p> <p>Operating System:</p> <p>RSX/IAS DECnet Release Notes Update RSX/IAS DECnet User's Guide RSX/IAS DECnet Sys. Mgr. Guide (Continued)</p>	<p>PHASE II</p> <p>V2 4/79</p> <p>RSX-11S V2.1</p> <p>AA-D393A-TC AD-D393A-T1 AA-5182A-TC AA-5183A-TC</p>	<p>PHASE III</p> <p>V1 2/80</p> <p>RSX-11M-PLUS V1</p> <p>AA-H223A-TC AD-H223A-T1 AA-H224A-TC AD-H224A-T1 AA-H225A-TC AD-H225A-T1 AA-J055B-TK AA-J319A-TK AA-J517A-TC</p> <p>V3 2/80</p> <p>RSX-11S V2.2</p>	<p>PHASE III</p> <p>V1.1 6/82</p> <p>RSX-11M-PLUS V2, V2.1</p> <p>AA-H223B-TC OBSOLETE AA-H224B-TC Obsolete AA-H225B-TC Obsolete AA-J055C-TK AA-J319B-TK AA-J517B-TC AA-M096A-TC AA-M097A-TC AA-M098A-TC</p> <p>V3.1 6/82</p> <p>RSX-11S V4</p>	<p>PHASE IV</p> <p>V2 12/83</p> <p>RSX-11M-PLUS V2.1</p> <p>AA-H223C-TC AA-H224C-TC AA-H225C-TC AA-J055D-TK AA-J319C-TK AA-J517C-TC AA-M096B-TC Obsolete AA-M098B-TC</p> <p>V4 12/83</p> <p>RSX-11S V4.1</p> <p>Obsolete Obsolete Obsolete Obsolete</p>

PRODUCT NAME	KIT # SPD #	DECnet Option Kits			
DECNET/E	<p>RSX/IAS DECnet Networks Generation Guide</p> <p>RSX DECnet User's Guide Update 1</p> <p>RSX DECnet System Manager's Guide Update 1</p> <p>DECnet-RSX Netgen Installation Guide Update 1</p> <p>Introduction to DECnet</p> <p>DECnet-RSX P/I C/O Procedures</p> <p>DECnet-RSX Release Notes</p> <p>Overview of DECnet-RSX</p> <p>RSX DECnet Reference Guide</p> <p>DECnet-RSX Programmer's Ref Man</p> <p>QP692 10.73.07 AE-D427G-TC</p> <p>Operating Systems:</p> <p>DECnet/E Networks Programming BASIC-PLUS and BASIC-PLUS-2</p> <p>DECnet/E Networks Programming MACRO and FORTRAN</p> <p>DECnet/E Programming in COBOL</p> <p>DECnet/E V1.1 Utilities Manual</p> <p>DECnet/E Guide to User Utilities</p> <p>DECnet/E System Manager's Guide</p> <p>DECnet/E V1.1 Release Notes</p> <p>DECnet V2 Release Notes</p> <p>Introduction to DECnet</p> <p>DECnet/E Networks Installation Procedures</p> <p>DECnet/E Networks Programming in MACRO</p> <p>DECnet/E Networks Programming in FORTRAN</p>	<p>PHASE II</p> <p>AA-D355A-TC</p> <p>V1.1 2/78</p> <p>RSTS/E V7 CTS-500 V7</p> <p>AA-H501A-TC</p> <p>AA-H502A-TC</p> <p>AA-H503A-TC</p> <p>AA-H504A-TC</p> <p>AA-H505A-TC</p> <p>AA-D426B-TC</p>	<p>PHASE III</p> <p>AA-H223A-TC</p> <p>AD-H223A-T1</p> <p>AA-H224A-TC</p> <p>AD-H224A-T1</p> <p>AA-H225A-TC</p> <p>AD-H225A-T1</p> <p>AA-J055B-TK</p> <p>AA-J319A-TK</p> <p>AA-J517A-TC</p> <p>V2 2/82</p> <p>RSTS/E V7.2,V8</p> <p>AA-H501B-TC</p> <p>Obsolete</p> <p>AA-H503B-TC</p> <p>Superseded</p> <p>AA-H504B-TC</p> <p>AA-H505B-TC</p> <p>Obsolete</p> <p>AA-M269A-TC</p> <p>AA-J055C-TK</p> <p>AA-K714A-TC</p> <p>AA-L265A-TC</p> <p>AA-L266A-TC</p>	<p>PHASE III</p> <p>AA-H223B-TC</p> <p>Obsolete</p> <p>AA-H224B-TC</p> <p>Obsolete</p> <p>AA-H225B-TC</p> <p>Obsolete</p> <p>AA-J055C-TK</p> <p>AA-J319B-TK</p> <p>AA-J517B-TC</p> <p>AA-M096A-TC</p> <p>AA-M097A-TC</p> <p>AA-M098A-TC</p>	<p>PHASE IV</p> <p>Obsolete</p> <p>Obsolete</p> <p>Obsolete</p> <p>AA-H225C-TC</p> <p>AA-J055D-TK</p> <p>AA-J319C-TK</p> <p>AA-J517C-TC</p> <p>AA-M096B-TC</p> <p>Obsolete</p> <p>AA-M098B-TC</p>

PRODUCT NAME	KIT # SPD #	DECnet Option Kits			
DECNET-IAS	QR687 10.71.09 AE-3429J-TC Operating System: DECnet/IAS V2.1 Release Notes RSX/IAS DECnet User's Guide Update 1 RSX/IAS DECnet System Manager's Guide Update RSX/IAS V2.1 Networks Generation Manual DECnet-IAS System Manager's Guide DECnet-IAS Networks Generation Guide DECnet-IAS Post-Installation Check-out Procedures DECnet-IAS Guide to User Utilities DECnet-IAS Programmers Ref. Man. DECnet-IAS Release Notes Introduction to DECnet DECnet-IAS Reference Card	PHASE II V2.1 3/79 IAS V3,V3.1 AA-H532A-TC AA-5182A-TC AD-5182A-T1 AA-5183A-TC AA-5183A-T1 AA-H657A-TC	PHASE III V3 4/82 IAS V3.1 plus autopatch rev B AA-L714A-TC AA-L715A-TC AA-L716A-TC AA-L717A-TC AA-L718A-TC AA-L719A-TC AA-J055C-TK AV-M423A-TC	PHASE III	PHASE IV
DECNET-RT	QJ687 10.72.10 AE-D431J-TC Operating System: DECnet/RT User's Guide DECnet/RT Release Notes Update DECnet-RT System Manager's Guide DECnet-RT Guide to User Utilities DECnet-RT Networks Generation and Installation Guide DECnet-RT Documentation Directory DECnet Programmer's Ref. Man. DECnet-RT Unsupported Software Introduction to DECnet DECnet-RT Reference Card	V1.1 3/80 RT-11 FB/XM V03B,V4 AA-5695B-TC AA-5696B-TC	V2 3/82 RT-11 FB V4 AA-K254A-TC AA-K250A-TC AA-K251A-TC AA-K252A-TC AA-K253A-TC AA-L268A-TC AA-L527A-TC AA-J055C-TK AV-M430A-TC	V2.1 8/82 RT-11 FB V5 Obsolete AA-K254A-TC AD-L254A-T1 AA-K251A-TC AA-K252A-TC Obsolete AA-L268A-TC AA-L527A-TC	AV-M430A-TC

PRODUCT NAME	KIT # SPD #	DECnet Option Kits			
DECNET-VAX	<p>See SPD 25.03.12 AE-D624M-TE</p> <p>Operating System:</p> <p>DECnet-VAX User's Guide Update DECnet-VAX System Manager's Guide Update DECnet-VAX Release Notes DECnet-VAX V2 User's Guide DECnet-VAX System Manager's Guide DECnet-VAX V2 Network Installation Procedures DECnet-VAX V2 Release Notes DECnet-VAX Software Installation Guide DECnet-VAX Key Installation Guide</p>	<p>PHASE II</p> <p>V1.3 11/80</p> <p>VAX/VMS V2.1</p> <p>AA-D901A-TE AD-D901A-T1 AA-D902A-TE AD-D902A-T1 AA-H165C-TE</p>	<p>PHASE III</p> <p>V2 4/81</p> <p>VAX/VMS V2.2, V2.3, V3</p> <p>(For documentation under operating system VAX/VMS/V3, see VAX/VMS V3 in section 2.)</p> <p>AA-H802A-TE AA-H803A-TE AA-J680A-TE AA-J681A-TE</p>	<p>PHASE III</p> <p>V3 7/82</p> <p>VAX/VMS V3 V3.1, V3.2</p> <p>See VAX/VMS in Section 2 for documentation.</p> <p>obsolete obsolete AA-M537A-TE</p>	<p>PHASE IV</p> <p>V3.1 7/83</p> <p>VAX/VMS V3.4,V3.5</p> <p>AA-M537B-TE</p> <p>V1 9/83</p> <p>VAX/VMS V3.4,V3.5</p>
Message Router for VMS	<p>26.33.01 AE-X096B-TE QC730 (730 system) QD730 (750 system) QE730 (780 and 782 systems)</p> <p>Base Operating System:</p>				

PRODUCT NAME	KIT # SPD #	DECnet Option Kits			
OBSERVER	See SPD 13.18.02 AE-P335C-TC Base Operating System: Observer Installation and Generation Guide Observer User's Guide Observer Release Notes Observer Reference Card Observer Event Message Reference Manual	PHASE II	PHASE III V1 11/82 RSX-11M V5 RSX-11M-PLUS V2 AA-N959A-TC AA-N960A-TC AA-N962A-TC	PHASE III	PHASE IV V1.1 9/83 RSX-11M V4.1 RSX-11M-PLUS V2.1 AA-N959B-TC AA-N960B-TC AA-N962B-TC AV-X073A-TC AV-X074A-TC
REAL-11/11S	26.22.0 AE-V489A-TE QC520 (VAX-11/730 system) QD520 (VAX-11/750 system) QE520 (VAX-11/780 & 782) Base Operating System:		V1 4/83 VAX/VMS V3, V3.1, V3.2 Target system RSX-11S V4		
RJE-20	QT062 23.6.1 AE-J660B-TM Operating System: TOPS-20 DN200 Remote Station Guide DECnet-20 V2 DECnet.BWR	V1 4/80 TOPS-20 V4 AA-H786A-TM AA-J693A-TM			

PRODUCT NAME	KIT # SPD #	DECnet Option Kits			
<p>DECnet/SNA Gateway Products</p> <p>RSX DLX-11</p>	<p>See SPD 30.15.01 AE-R439B-TK (Requires DECnet/VAX)</p> <p>Base Operating System:</p> <p>DECnet/SNA Gateway Introduction DECnet/SNA Gateway Installation Guide DECnet SNA Release Notes DECnet/SNA Prob. Determination Guide SNA Gateway VMS Management Gd SNA Gateway Management Release Notes SNA VMS 3270 TE User's Guide SNA VMS 3270 TE Ref Card SNA VMA RJE User's and Operator's Guide SNA VMS Applications Interface</p> <p>QJ689 10.06.01 AE-K434B-TC</p> <p>Operating Systems:</p> <p>RSX DLX-11 User's Guide RSX DLX-11 Release Notes</p>	<p>PHASE II</p>	<p>PHASE III</p> <p>V1 3/83</p> <p>VAX/VMS V3.2 thru V3.5</p> <p>AA-P581A-TC AA-P582A-TC</p> <p>AA-P583A-TC AA-P584A-TC</p> <p>AA-P585A-TE AA-P586A-TE</p> <p>AA-P587A-TE AV-P588A-TE AA-P589A-TE</p> <p>AA-P591A-TE</p> <p>V1 11/80</p> <p>RSX-11M V4,V4.1 RSX-11S V4</p> <p>AA-K142A-TC AA-K143A-TC</p>	<p>PHASE III</p>	<p>PHASE IV</p>

PRODUCT NAME	KIT # SPD #	DECnet Option Kits			
<p>DECmail/RSTS</p> <p>DECMAIL/MS-10</p> <p>DECMAIL/MS-20</p> <p>VAX-11 DECmail</p>	<p>QR451 13.19.0 AE-P532A-TC</p> <p>Base Operating System: DECmail/RSTS User's Guide DECmail/RSTS Installation and System Manager's Guide</p> <p>7.21.1 AE-N126B-TB</p> <p>Base Operating System: TOPS-10/20 DECmail MS Manual</p> <p>21.21.0 AE-N127A-TM</p> <p>Base Operating System: TOPS-10/20 DECmail MS Manual</p> <p>See SPD 25.64.1 AE-M012B-TE VAX-11/730, 750, 780 and 782</p> <p>Base Operating System: DECmail Account Coordinator's Guide DECmail System Manager's Guide DECmail Installation Guide DECmail Interconnect Guide</p>	<p>PHASE II</p>	<p>PHASE III</p> <p>V1 1/83</p> <p>RSTS/E V7.2,V8</p> <p>AA-P054A-TC AA-P505A-TC</p> <p>V10 3/83</p> <p>TOPS-10 V7.01</p> <p>AA-N840A-TK</p> <p>V10 3/83</p> <p>TOPS-20 V4,V5</p> <p>AA-N840A-TK</p> <p>V2 9/82</p> <p>VAX-11 V3 V3.1,V3.2</p> <p>AA-L808A-TE</p> <p>AA-L809A-TE AA-L801B-TE AA-M090A-TE</p>	<p>PHASE III</p>	<p>PHASE IV</p>

	DECNET PHASE III									DECNET PHASE IV			
	-20 V2	-10 V2	-11M V3	-11M+ V1	-11S V3	VAX V3	RT V2	-IAS V3	/E V2	-11M V4	-11M+ V2	-11S V4	VAX V3.1
DECNET CONNECTION CAPABILITY													
Switched Telephone Synchronous (Includes Auto-Answer)	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Private Line Synchronous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Local Connection Coaxial Cable Synchronous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switched Telephone Asynchronous (Includes Auto-Answer)	No	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
Private Line Asynchronous	No	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
Local Connection 20 ma Asynchronous	No	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
Local Connection Parallel	No	No	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes
Multidrop - H = host T = tributary N = not supported			H/T	H/T	H/T	H/T	T	N	H/T				
Ethernet										Yes	Yes	Yes	Yes
1 TOPS-10 DECnet Compatible Port - DECnet-11M compatible, task-to-task only.													

	DECNET ←-----PHASE III----->							DECNET ←-----PHASE IV----->								
	-11M V3	-11M+ V2	-11S V3	VAX V3	RT V2	IAS V3	/E V2	-11M V4	-11M+ V2	-11S V4	VAX V3.1					
DECNET PRODUCT FUNCTIONS																
Task-to-task	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes				
File Transfer	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes					
Remote Resource Access	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes					
Remote Command Submission	Yes	Yes	No	Yes ³	Yes	Yes	Yes	Yes	Yes	No	Yes					
Remote Command Execution	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes					
Down-line Task Load (Note: Local storage of RSX-11S tasks and load-on- request from remote RSX-11S system)	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	No	Yes					
Down-line System Load	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	No	Yes					
Routing	Yes ²	Yes ²	Yes	Yes	Yes ⁵	Yes	Yes	Yes	Yes	Yes	Yes					
Multipoint	Yes ²	Yes ²	Yes	Yes	Yes ⁵	No	Yes	Yes	Yes	Yes	Yes					
Network Command Terminal ⁴	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes		Yes					

2 Unmapped systems: end node on routing network, or multipoint tributary.
3 Command file must reside on remote node.
4 Terminals on these systems can log onto like (homogeneous) systems in the network. DECnet-11S does not support connection from remote command terminals.
5 End node on routing network or multipoint tributary.

HARDWARE ITEM	DECnet Communications Interface - Asynchronous												
	<-----DECnet----->												
	-11M -11M+	-11S	-IAS	-RT	/E	VAX	-10	-20			REMOTE -11	DSM	DLX-11
DL11 Single line interface	X	X	X	X	-						X	X	X
DZ-11 8-line asynchronous multiplexer. Speed up to 9.6 baud.	X	X	X	-	-							X	
DLV11 single line interface	X ²	X	-	X	-							X	X
DZV11 8-line asynchronous multiplexer. Speed up to 9.6 baud.	X ²	X			-								
KMC11-A (DZ11) multiline DMA multiplexer	X	X	X		-								

1 TOPS-10 DECnet Compatible Port.
2 Not on RSX-11M+.

HARDWARE ITEM	DECnet Communications Interface - Synchronous													
	←-----DECnet-----→										REMOTE	DSM	DLX-11	
	-11M -11M+	-11S	-IAS	-RT	/E	VAX	-10	-20				-11		
DU11-DA Single line, programmable, sync and character size up to 10K baud	X ²	X	X	X	-									X
KG11-A Communications Arithmetic Element	X	X	X	-	-									-
DUP11-DA Single line	X	X	X	X	-									X
DQ11-DA Single line, DMA Speeds up to 19.2K baud Series 200 datasets	-	-	X	-	-									-
DMC11 Single line, DMA, DDCMP protocol	X	X	X	X	X	X	X ³	X				X		X
DV11 Communications Preprocessor	X	X	X	-	-									-
DUV-11 Single line, synchronous interface, up to 9.6K baud		X		X	-									X
KMC11-A (DUP11) Multiline DMA multiplexer	X	X	X	-	-		X ¹	X ¹						
DMR Single line, DMA, DDCMP protocol	X	X	X	X	X	X						X		X
DMP11				X ⁴	X	X								
DMV11				X ⁴	X									
DMF32						X								
LAN DEUNA	X	X			-									
DEQNA	X	X												

1 DN20-BA.
 2 Not on 11M+.
 3 DN21-
 4 As tributary only.

DATA INTERCHANGE VIA MAGNETIC MEDIA (FILEX)

MAGNETIC MEDIA

The FILEX transfer table describes file transfers via a utility program under each operating system. After the program moves the desired data (files) from the foreign-structured medium to one of the native file-structured media (for example, RT-11 to RSX-11M), the data can be used by the other system utilities. The utility, by unwritten convention, is called FILEX (File Exchange) on each supporting system. Footnotes on the table show where the name of the transfer utility differs.

The "Transfer Medium (Format)" column contains both native and foreign-structured media formats that can be created under each system. Each medium/format is readable on other systems according to the indication in each column for the operating systems listed across the top of the page.

ANSI-labeled magnetic tape is not included in the table, but the conditions of support are discussed more fully in the following paragraphs.

DIGITAL does not support the ANSI cassette standard because the hardware does not conform to ANSI requirements. The DEC standard for cassette relates three nested levels of support called level 0, level 1, and level 2. Level 0 is the minimum interchange standard for DIGITAL systems; however, the "Transfer Medium (Format)" column indicates the highest level that is supported (can be created) by the applicable operating system.

ANSI Magnetic Tape Labels and Record Formats

VMS, RSX/IAS, RSTS/E, RT-11, DSM-11, and TOPS-20 can all process 9-track magnetic tapes that conform to the labeling requirements of American National Standard X3.27-1978, Magnetic Tape Labels and File Structure for Information Interchange. Not all of these systems, however, conform to the file structures defined by this standard and care must be taken when making claims about conformance to customers, particularly in the case of RT-11.

In the description of each system, the following terms are used:

Volume -

A reel of magnetic tape. A multifile volume may contain more than one file.

Volume-set -

A set of volumes containing one or more files. Multifile, multivolume support means that the volume-set may contain multiple volumes and multiple files may be written on these volumes. In this case, a single file may be contained on more than one volume.

Volume Header and Trailer Labels -

These labels contain information pertaining to the entire volume, including the Volume Identification. When reading or writing an ANSI-labeled tape, a conforming system checks the volume identification on the tape with the volume identification supplied by the user.

DATA INTERCHANGE VIA MAGNETIC MEDIA (FILEX)

File Header and Trailer Labels -

These labels contain information pertaining to a particular file, including the file name, the file's creation date and expiration date, and the version number (on systems supporting version number). With the exception of RT-11 and DSM-11, forms-control information is also contained in File Header Label 2 (HDR2). When this information is contained on the tape, the system will retain or convert this information so that the file may be printed properly.

Fixed-length record, ANSI F format -

A record is called a fixed-length record if all records contained in the file in which this record is a member are of the same length. No indication of the record length is contained in a fixed-length record.

Variable-length record, ANSI D format -

A record is called a variable-length record if it is contained in a file in which the records may have different lengths. The length of the record is recorded in the first 4 characters of the record. Records may not cross physical blocks.

Spanned record, ANSI S format -

An S format record is a variable-length record which may cross physical record blocks. Each record begins with 5 characters of control information. Only TOPS-20, Release 4, supports S format.

Block -

A block is a collection of characters written or read as a unit, that is, a "physical record".

Blocked Record, Unblocked Record -

A record is blocked if more than one record or parts of records can be contained in a block, otherwise it is unblocked.

DATA INTERCHANGE VIA MAGNETIC MEDIA (FILEX)

OPERATING SYSTEM SUPPORT

All tapes must be written entirely in ASCII. Tapes written with ASCII labels, but containing binary data records, will generally not interchange across systems. In particular, tapes written using FORTRAN unformatted I/O will not interchange. The various systems support different maximum block lengths. A block length of 512 characters or less will run on all systems.

ANSI X3.27-1978 defines three nested subsets in addition to the full standard. Only TOPS-20, Release 4, conforms to the full standard. For each system, a brief description of conformance is given. Level 1 is the minimal subset and level 3 is the largest subset.

VMS Support

Tapes written by VMS conform to ANSI X3.27 level 3 except that User Header Labels and User Trailer Labels are not written. (Note, in VMS, Release 2, some binary data is contained in the File Header labels; this nonconformance will be repaired in a future release, it does not affect interchange across DIGITAL systems, but these tapes cannot be read on CDC systems.) File sets are multivolume, multifile.

Labels written are VOL1, HDR1, HDR2, HDR3, EOVL, EOVL2, EOVL3, EOF1, EOF2, EOF3. All labels are 80 characters long. Records may be blocked or unblocked in F or D format. Forms control information is contained in the file header label.

TOPS-20 Support

Tapes written by TOPS-20, Release 4, conform to full ANSI X3.27. File sets are multivolume, multifile. Labels written are VOL1, UVL1-9, HDR1, HDR2, UHLA, EOVL, EOVL2, EOF1, EOF2, UTLA. All labels are 80 characters long. Forms control information is contained in the file header label. Records may be blocked or unblocked in F, D, or S format. (A non-ANSI format named U is used for binary files; this format will not interchange.)

RSX/IAS Support

Tapes written by RSX/IAS Files-11 conform to ANSI X3.27 level 3 except that User Header and Trailer labels are not written. Note that on RSX-11M this support is a SYSGEN option and is not available on all systems. File sets are multivolume, multifile. Records may be blocked or unblocked in F or D format.

Labels written are VOL1, HDR1, HDR2, EOVL, EOVL2, EOF1, EOF2. All labels are 80 characters long. Forms control information is contained in the file header label.

DATA INTERCHANGE VIA MAGNETIC MEDIA (FILEX)

DSM-11 Support

Tapes written by DSM-11 conform to ANSI X3.27 level 3 except that User Header and Trailer labels are not written. Records may be blocked or unblocked in F or D format. DSM-11 also supports records written in non-ANSI stream format. Records are variable length, do not contain a character count, are terminated by carriage return line-feed and may span 512 character blocks. Record length is generally restricted to 132 characters. Labels written are VOL1, HDR1, EOVL, EOVD, EOF1, EOF2. Forms control information is not contained in the file header label. DSM-11 also supports IBM 360/370 tapes written in EBCDIC IN F, V, or stream format.

RSTS/E Support, Releases 7 and 8

RSTS/E can process ANSI magnetic tapes using the PIP utility program. Tapes must be copied to another medium using PIP before the data is processed by other programs. File sets are multivolume, multifile. Records may be blocked or unblocked in F or D format. RSTS/E also supports non-ANSI stream format which it designates as U format (see DSM-11 description). Labels written are VOL1, HDR1, HDR2, EOVL, EOVD, EOF1, EOF2. Forms control information is contained in the file header label. RSTS/E also allows non-multivolume processing directly from the tape without first going to disk.

RT-11 Support

RT-11 does not conform to ANSI 3.27 level 1. File sets are single volume, multifile. All blocks are 512 characters long. These blocks contain non-ANSI stream format records. RT-11 tapes can be read by ANSI-conforming systems by treating the record format as ANSI F and deblocking the stream records in an application program. RT-11 cannot read ANSI tapes produced by other DEC systems. Labels written are VOL1, HDR1, EOF1. All labels are 512 characters long.

Tape Written by:	Can be Read by ¹ :					
	VMS	DEC-20	IAS	DSM-11	RSTS/E	RT-11
VMS	X	X	X	X	X	
DEC-20	X	X	X	X	X	
RSX/IAS	X	X	X	X	X	
DSM-11	X	X	X	X	X	
RSTS/E	X	X	X	X	X	
RT-11	2	2	2	2	2	X

- 1 The tape must be written using formats and block lengths acceptable to the receiving system.
- 2 User must deblock 512 character blocks.

Transfer Medium (Format) Medium format that can be created by the system	SUPPORTING SYSTEMS (Systems that can read the medium with FILEX)												
	RT-11	RSX- 11M	RSX- 11M+	IAS	RSTS/ E	DSM- 11	TOPS- 10,20	OS/8	COS- 310	VAX/ VMS			
RT-11													
DECTape - (native)	X	X	X	X	X ¹	-	-	-	-				
DECTape - (DOS-11) (Note: In TOPS-10, -20, contiguous files not supported)	X	X	X	X	X	-	X	-	-				
Disk - RK05 (native)	X	X	X	X	X ¹	-	-	-	-				
Cassette - (level 0)	X	X	-	X	-	-	-	X	-				
Diskette - RX01 (native)	X	X	X	-	X ¹	-	-	-	-				
DECTape II - TU58 (native)		X	X		X ¹								
RSX-11M, RSX-11M+, IAS													
DECTape - (DOS-11) (Note: In TOPS-10, -20, contiguous files not supported)	X	X	X	X	X	-	X	-	-				
DECTape - (native)	-	X	X	X	-	-	-	-	-				
Magnetic tape - (DOS)	-	X	X	X	X	X	-	-	-			X ²	
Disk - RK05 (native)	-	X	X	X	-	-	-	-	-				
Disk - RK05 (DOS-11) Note: (DOSPIP replaced by function switch in PIP)	X	X	X	X	X	-	-	-	-				
Cassette - (level 2)	X	X	-	X	-	-	-	X	-				
Diskette - RX01 (native)		X	X	X	-	-	-	-	-				

1 With special interchange utility in RSTS/E V7.
2 With restrictions on directory/UICs.

Transfer Medium (Format) Medium format that can be created by the system	SUPPORTING SYSTEMS (Systems that can read the medium with FILEX)																				
	RT-11	RSX- 11M	RSX- 11M+	IAS	RSTS/ E		DSM- 11	TOPS- 10,20	OS/8	COS- 310	VAX/ VMS										
RSTS/E																					
DEctape - (DOS-11) (Note: contiguous files not supported)	X	X	X	X	X		-	X	-	-											
Magnetic tape - (DOS-11)	-	X	X	X	X		X	-	-	-										X ¹	
Disks	-	-	-	-	X		-	-	-	-										X ²	
TOPS-10																					
DEctape - (native) (Note: in RT-11: Image, Packed Image, or ASCII. In OS/8, RTS/8: via PIP10 utility)	X	-	-	-	-		-	X	X	-											
DEctape - (PDP-11 DOS) (Note: Contiguous files not supported)	X	X	X	X	X		-	X	-	-											
OS/8																					
DEctape - (native) (Note: in COS-310, via CONVEX utility)	-	-	-	-	-		-	-	X	X											
DEctape - (PDP-10) (Note: in RT-11: Image, Packed Image, or ASCII)	X	-	-	-	-		-	X	X	-											
Cassette - (level 1)	X	X	-	X	-		-	-	X	-											
Diskette - RX01 (native)		-	-						X												
RX02 (native)					3				X												
DSM-11																					
Magnetic tape - (DOS-11) (Note: single file only)	-	X		X	X		X	-	-	-										X ¹	
<p>1 With restrictions on directory/UICs. 2 With special utility supplied with RSTS/E. 3 DECword/DP can read one type of PDP-8 floppy.</p>																					

Transfer Medium (Format) Medium format that can be created by the system	SUPPORTING SYSTEMS (Systems that can read the medium with FILEX)												
	RT-11	RSX- 11M	RSX- 11M+	IAS	RSTS/ E		DSM- 11	TOPS- 10,20	OS/8	COS- 310	VAX/ VMS		
COS-310													
DECTape - (OS/8)	-	-	-	-	-		-	-	X	X			
Diskette - RX01 (Interchange format)		-	-		2								
VAX/VMS													
Note: VAX/VMS includes the same FILEX as RSX-11M. FILEX is invoked using MCR compatibility mode. However, supported drivers are limited to the following:													
Magnetic tape - (DOS)	-	X ¹	X ¹	X ¹	X ¹		X ¹	-	-	-	X ¹		
Diskette - RX01 (RT)	X	X	X ¹	-	X		-	-	-	-	X		
RX01 (ODS-1)		X ¹	X ¹		-								
RX01 (ODS-2)		-	-		-								
Disks (RP04/5, RP06, RM03, RK06, RK07)													
ODS-1 format	-	X ¹	X ¹	-	-		-	-	-	-	X		
ODS-2 format	-	-		-	-		-	-	-	-	X		

1 With restrictions on directory/UICs.
2 DECword/DP can read one type of PDP-8 floppy.

INTERNET (Emulator Options)

Emulator options provide a method of data interchange between remote systems. They are distributed as unbundled options to various DEC systems.

By emulating existing communications systems, it is possible to connect to non-DIGITAL systems in a variety of ways. The two main categories are batch and interactive emulation.

Batch emulation is provided by a file transfer mechanism that enables a DIGITAL system to send files to and receive files from a remote system (normally a mainframe). Product capability will allow connections with IBM (via 2780, 3780, and HASP emulation), CDC (MUX200 emulation), and UNIVAC (UN1004). It is also possible, by virtue of the protocol structure, to use 2780 emulation to provide file transfer between DIGITAL systems.

Interactive emulation is provided as a means of obtaining task-to-task support with a mainframe. In the case of IBM 3271, the emulator will permit a DIGITAL task to communicate with an IBM task. In this situation only, the protocol of the IBM 3271 is being emulated, as the normal IBM 3277 crt (which would be attached to the IBM 3271) has been replaced by a DIGITAL task. Therefore the product is called a protocol emulator.

Exact product details can be found in the respective Software Product Descriptions (SPDs).

PRODUCT NAME	KIT # SPD #	Emulator Option Kits			
<p>IBM Emulators</p> <p>COS-310 2780/ 3780 RDCP</p> <p>CTS-300 RDCP (2780/3780)</p> <p>DECnet/SNA Gateway Products</p>	<p>See SPD 6.11.8 AE-0864I-TA</p> <p>Base Operating System:</p> <p>COS-310 2780/3780 User's Guide COS-310 2780/3780 Release Notes and Installation Guide COS-310 2780/3780 Implementa- tion Notes</p> <p>See SPD 10.61.03 AE-H691D-TC</p> <p>Base Operating System:</p> <p>CTS300 2780/3780 RDCP User's Guide CTS-300 2780/3780 RDCP Release Notes and Installation Guide</p> <p>See SPD 30.15.01 AE-R439B-TK (Requires DECnet/VAX)</p> <p>Base Operating System:</p> <p>DECnet/SNA Gateway Introduction DECnet/SNA Gateway Installation Guide DECnet SNA Release Notes DECnet/SNA Prob. Determination Guide SNA Gateway VMS Management Gd SNA Gateway Management Release Notes SNA VMS 3270 TE User's Guide SNA VMS 3270 TE Ref Card SNA VMA RJE User's and Operator's Guide SNA VMS Applications Interface</p>	<p>V7 7/78</p> <p>COS-310 V3</p> <p>V1 4/79</p> <p>CTS-300 V5</p> <p>AA-D957A-TC</p> <p>AA-H661A-TC</p> <p>V1 3/83</p> <p>VAX/VMS V3.2 thru V3.5</p> <p>AA-P581A-TC AA-P582A-TC</p> <p>AA-P583A-TC AA-P584A-TC</p> <p>AA-P585A-TE AA-P586A-TE</p> <p>AA-P587A-TE AV-P588A-TE AA-P589A-TE</p> <p>AA-P591A-TE</p>	<p>V8.01 9/79</p> <p>COS-310 V8.01</p> <p>AA-D975A-TA AA-H443A-TA</p> <p>AV-J004A-TA</p> <p>V2 9/80</p> <p>CTS-300 V6</p> <p>AA-D957B-TC</p> <p>AA-H661B-TC</p>	<p>V9 10/81</p> <p>COS-310 V9</p> <p>AA-D975B-TA AA-H443B-TA</p> <p>V2.1 1/83</p> <p>CTS-300 V6</p> <p>AA-D957B-TC</p> <p>AA-H661C-TC</p>	<p>V9.2 4/83</p> <p>COS-310 V9.2</p> <p>AA-D975B-TA AA-H443B-TA</p>

PRODUCT NAME	KIT # SPD # AE-#	Emulator Option Kits			
IAS/2780	QRD03 10.90.02 AE-D093C-TC Base Operating System: RSX-11M/D/IAS 2780 Remote Computer System Release Notes 2780 Remote Computer System Installation Notes 2780 Remote Computer System Operator's Guide Updates	V3 12/77 IAS V3.1 AA-D073A-TC D-11-CCDNA-A-D D-11-CRCSA-A-D D-11-CRCSA-A-DN1, DN2, DN3, DN4, DN5			
PRO-2780/3780 Communications Application	QBA47 40.14.00 AE-X369A-TH Base Operating System:	V1 8/83 P/OS Hard Disk V1.5			
PRO/SNA Communications	See SPD 40.15.00 AE-AH41A-TH	V1 12/83			
RSTS/E-2780	QPD10 10.50.06 AE-3390G-TC Base Operating Systems: 2780 RCS User's Guide 2780 RCS Installation Notes	V05B-18 3/75 RSTS/E V5C-01 RSTS/E V6A-02 D-11-ORJEA-A-D D-11-CCDNA-A-D	V3 12/78 RSTS/E V6B, V6C, V7 CTS-500 V3, V4, V5 AA-2675B-TC AA-1151A-TC	V3 12/81 RSTS/E V7.2, V8	
RSTS/E (CTS-500) 3271 PE	QRD05 10.83.3 AE-H475D-TC Base Operating Systems: RSTS/E/3271 PE User's Guide RSTS/E/3271 PE Release Notes	V1 RSTS/E V6C CTS-500 V4 AA-D365B-TC AA-H474B-TC	V2 10/80 RSTS/E V7 CTS-500 V5 AA-D365B-TC AA-H474B-TC	V2.1 3/82 RSTS/E V7.1 CTS-500 V7.1 AA-D365B-TC AA-H454C-TC	

NETWORKS AND COMMUNICATIONS
Emulator Option Kits

PRODUCT NAME	KIT # SPD #	Emulator Option Kits			
<p>RSTS/E (CTS-500) High Performance 2780/3780 Emulator</p> <p>RSX-11 2780/3780 Emulator</p> <p>RSX-11M/3271 PE</p>	<p>See SPD 10.49.03 AE-J203D-TC</p> <p>Base Operating Systems:</p> <p>RSTS/E 2780/3780 User's Manual RSTS/E 2780/3780 Release Notes</p> <p>QJD82 10.01.02 AE-K977C-TC</p> <p>Base Operating Systems:</p> <p>RSX-11M/M-PLUS 2780/3780 Emulator User's Guide</p> <p>QJD76 10.88.05 AE-D935G-TC</p> <p>Base Operating Systems:</p> <p>RSX-11/3271 PE System Manager's Guide RSX-11/3271 PE Programmer's Guide RSX-11/3271 PE Release Notes 3271 TT Emulator Keyboard Layout</p>	<p>V1 12/79</p> <p>RSTS/E V7 CTS-500 V5</p> <p>AA-J1771-TC AA-J458A-TC</p> <p>V4 4/81</p> <p>RSX-11M V3.2,V4 RSX-11M-PLUS V1</p> <p>AA-J581A-TC</p> <p>V1 7/78</p> <p>RSX-11M V3.1</p>	<p>V1.1 3/82</p> <p>RSTS/E V7.2,V8 CTS-500 V7.1</p> <p>AA-J177A-TC AA-J458B-TC</p> <p>V4.1 4/82</p> <p>RSX-11M V4,V4.1 RSX-11M-PLUS V2,V2.1</p> <p>AA-J581A-TC</p> <p>V2 8/81</p> <p>RSX-11M V3.2,V4 RSX-11M-PLUS V1</p> <p>AA-C739B-TC AA-C738B-TC AA-H032B-TC</p>	<p>V3 1/83</p> <p>RSX-11M V4,V4.1 RSX-11M-PLUS V2,V2.1</p> <p>AA-C739C-TC AA-C738C-TC AA-H032C-TC AV-P075A-TE</p>	

NETWORKS AND COMMUNICATIONS
Emulator Option Kits

PRODUCT NAME	KIT # SPD #	Emulator Option Kits			
RSX-11M/SNA Protocol Emulator	QJD69 14.04.02 AE-J512C-TC Base Operating Systems: RSX-11M/SNA PE Concepts and Facilities Manual RSX-11M/SNA PE V1.1 Concepts and Facilities Manual Update RSX-11M/SNA PE System Manager's Guide RSX-11M/SNA PE V1.1 System Manager's Guide Update RSX-11M/SNA PE Applications Programmer's Guide RSX-11M/SNA PE Release Notes RSX-11M/SNA PE V1.1 Release Notes Update	V1 3/80 RSX-11M V3.2 AA-5501A-TC AA-5502A-TC AA-5503A-TC AA-J549A-TC	V1.1 5/82 RSX-11M V4,V4.1 AA-5501A-TC AD-5501A-T1 AA-5502A-TC AD-5502A-T1 AA-5503B-TC AA-J549A-TC AD-J549A-T1		
RSX-11M/IAS RJE/HASP	QJS60 10.51.6 AE-5248G-TC Base Operating Systems: RJE/HASP WORKSTATION Operator's Guide RJE/HASP WORKSTATION Installation Guide	V1 5/77 RSX-11M V3,V3.1 RSX-11D V6.2 IAS V1.1,V2,V3 D-11-CRJOA-A-D D-11-CRJIA-A-D	V1.1 2/80 RSX-11M V3.2,V4 IAS V3,V3.1 AA-5427C-TC AA-5426C-TC		
RSX-11M-PLUS RJE/HASP	QJS62 10.48.1 AE-K959B-TC Base Operating System: RJE/HASP Workstation Installation Guide RJE/HASP Workstation Operator's Guide	V1.2 3/81 RSX-11M-PLUS V1,V2 AA-5426C-TC AA-5427C-TC			
RT-11 2780/3780 Protocol Emulator	QJD59 10.16.03 AE-J514D-TC Base Operating System: RT-11 2780/3780 PE User and Installation Guide	V4 6/80 RT-11 V4 AA-J089A-TC	V4.1 7/83 RT-11 V5		

NETWORKS AND COMMUNICATIONS
Emulator Option Kits

PRODUCT NAME	KIT # SPD #	Emulator Option Kits			
<p>TOPS-10 2780/3780 E/T V4 and TOPS-20 2780/3780 E/T V2.1</p> <p>TOPS-20 2780/3780 HASP for 2020</p> <p>TOPS-10 2780/3780 HASP V1 and TOPS-20 2780/3780 HASP V1.1</p> <p>VAX-11 2780/ 3780 PE</p> <p>VAX-11 3271 Protocol Emulator</p>	<p>See SPD 30.23.02 AE-P336B-TK</p> <p>Base Operating Systems:</p> <p>IBM Emulation/Termination Man.</p> <p>QT053 23.7.2 AE-J670C-TM</p> <p>Base Operating System:</p> <p>TOPS-20 IBM Emulation/ Termination Manual</p> <p>See SPD 30.24.1 AE-P337B-TK</p> <p>Base Operating Systems:</p> <p>TOPS-20 IBM Emulation/Termination</p> <p>25.07.06 AE-H994G-TE</p> <p>QD111 (750 system) QE111 (780 system) QC111 (730 system)</p> <p>Base Operating System:</p> <p>VAX-11 2780/3780 PE User's Guide Update</p> <p>VAX-11 2780/3780 PE Release Notes Update</p> <p>25.21.03 AE-K792D-TE</p> <p>QC112 (730 system) QD112 (750 system) QE112 (780 and 782 systems)</p> <p>Base Operating System:</p> <p>VAX-11 3271 PE User's Guide VAX-11 3271 PE V1 Release Notes VAX-11 3271 PE V2 Release Notes VAX-11 3271 TT Emulator Ref Cd.</p>	<p>11/82</p> <p>TOPS-10 V7.01A TOPS-20 V5</p> <p>AA-D612B-TB</p> <p>V1 2/81</p> <p>TOPS-20 V4</p> <p>AA-5095B-TM</p> <p>11/82</p> <p>TOPS-10 V7.01A TOPS-20 V5,V5.1</p> <p>AA-5095B-TM</p> <p>V1.1 10/80</p> <p>VAX/VMS V2.1</p> <p>AA-H473A-TE</p> <p>AA-H932A-TE</p> <p>V1 2/81</p> <p>VAX/VMS V2.2</p> <p>AA-J691A-TE AA-K757A-TK</p>	<p>7/83</p> <p>TOPS-10 V7.01A TOPS-20 V5</p> <p>V1.1 4/83</p> <p>TOPS-20 V4.1</p> <p>AA-5095C-TM</p> <p>V1.2 6/81</p> <p>VAX/VMS V2.3</p> <p>AA-H473A-TE AD-H473A-T1 AA-H032A-TE AD-H932A-T1</p> <p>V2 10/82</p> <p>VAX/VMS V3 thru V3.5</p> <p>AA-J691B-TE AA-K757B-TE AV-P075A-TE</p>	<p>V1.3 3/82</p> <p>VAX/VMS V2.4,V3</p> <p>AA-H473A-TE AD-H473A-T1 AA-H932A-TE AD-H932A-T1</p>	<p>V1.4 7/83</p> <p>VAX/VMX V3.4,V3.5</p>

PRODUCT NAME	KIT # SPD #	Emulator Option Kits			
<p>CDC Emulators</p> <p>MUX-200/ RSX-IAS</p> <p>See SPD 10.77.08 AE-3453I-TC</p> <p>Base Operating Systems:</p> <p>MUX-200/RSX User's Guide RSX System Manager's Guide MUX-200/RSX Software Support Manual MUX-200/RSX Release Notes MUX200/RSX-IAS V2. Support Generation MUX200/RSX-IAS V2.1 Release Notes MUX200/RSX-IAS System Manager's Guide MUX200/RSX-IAS User's Guide</p> <p>MUX200/VAX</p> <p>25.02.05 AE-H598F-TE QD070 (750 system) QE070 (780 system)</p> <p>Base Operating System:</p> <p>MUX/VAX Emulator User's Guide MUX/VAX Emulator System Manager's Guide MUX/VAX Emulator Release Notes</p>		<p>V01 8/76</p> <p>RSX-11M V02 RSX-11D V6B</p> <p>D-11-CXUGA-A-D D-11-CXSMA-A-D D-11-CXSSA-A-D</p> <p>D-11-CXRNA-A-D</p> <p>V1 1/80</p> <p>VAX/VMS V1.6</p> <p>AA-H954A-TC AA-H955A-TC AA-H956B-TC</p>	<p>V2 8/77</p> <p>RSX-11M V3.2,V4 IAS V3.1</p> <p>D-11-CXUGA-B-D D-11-CXSMA-B-D D-11-CXSSA-A-D</p> <p>D-11-CXRNA-B-D AA-L307A-TC</p> <p>V1.1 10/80</p> <p>VAX/VMS V2.1 thru V2.5</p> <p>AA-H954A-TC AA-H955A-TC AA-H956C-TE</p>	<p>V2.1 6/83</p> <p>RSX-11M V4.1 RSX-11M-PLUS V2.1 IAS V3.1</p> <p>AA-1343C-TC AA-1344C-TC AA-1346C-TC</p> <p>V1.2 10/82</p> <p>VAX/VMS V3.1 thru V3.5</p> <p>AA-H954A-TC AA-H955A-TC AA-H956Z-TE</p>	
<p>UNIVAC Emulators</p> <p>UN1004/RSX</p>	<p>QJ170 10.79.5 AE-3454F-TC</p> <p>Base Operating Systems:</p> <p>UN1004/RSX-IAS User's and SYSGEN Guide Update UN1004/RSX Software Support Manual UN1004/RSX-IAS Release Notes UN1004/RSX V2 Release Notes</p>	<p>V01 8/76</p> <p>RSX-11M V02 IAS V3</p> <p>D-11-CXRG A-A-D D-11-CXUSA-A-D D-11-CXNRA-A-D</p>	<p>V2.0 8/77</p> <p>RSX-11M V3.2,V4 IAS V3.1 not supported</p> <p>D-11-CXRG A-B-D D-11-CXRG A-B-DN1 D-11-CXNRA-B-D AA-1341C-TC</p>		

NETWORKS AND COMMUNICATIONS
Emulator Option Kits

PRODUCT NAME	KIT # SPD #	Emulator Option Kits			
DIGITAL EQUIPMENT CORPORATION Emulators DECmate II Graphics Terminal Emulator RTEM-11 (RT-11 Emulator)	PC27X 60.11.00 AE-AK50A-TV See SPD 30.21.04 AE-N571E-TK Base Operating Systems: RTEM-11 User's Manual RTEM-11 Installation Guide and Release Notes Update 1	V1 12/83 V1 9/82 RT-11 V4 RSX-11M V4 RSX-11M-PLUS V2 VAX/VMS V3, V3.1, V3.2 AA-N435A-TK AA-N436A-TK	V1.1 4/83 RT-11 V5 RSX-11M V4 RSX-11M-PLUS V2 VAX/VMS V3.2 thru v3.5 AA-N435B-TK AA-N436A-TK AD-N436A-T1	V2 1/84 RT-11 V5.1 RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3.5	

NETWORKS AND COMMUNICATIONS
Emulator Option Kits

HARDWARE ITEM	Internet Communications Interfaces - Synchronous												
	RT11		-11M		COS-		/E	/E	RSX-	RSX-	RSX-11M		
	/2780	/E	/2780	-IAS	310	-11M	/E	2780/	IAS	IAS	DV11		
	/3780	-2780	/3780	/2780	/2780	/3271	3271	3780	MUX200	UN1004	3271		
DP11 Single line, programmable sync and character size up to 9.6K baud	X						-	-	X	X	-		
DU11-DA Single line, programmable sync and character size up to 9.6K baud	X		X	X			X	-	X	X	-		
KG11-A Communications Arithmetic Element	-	X	X	X			X	-					
DUP11-DA Single Line	X	X	X	X			-	-					
DQ11-DA Single line, DMA Speeds up to 19.2K baud Series 200 datasets		-						-					
DMC11 Single line, DMA DDCMP protocol		-						-					
DV11 Synchronous Multiplexer		-					X	-			X		
DP8-E PDP-8 Interface to Bell 201, 301, 303					X			-					
DUV-11 Single line, synchronous interface, up to 9.6K baud	X	-	X				X	-					
KMC-11A/DUP11-DA synchronous single line combination interface		-						X	X				
DPV11	X		X										

PACKETNET

DIGITAL's Packetnet Program has begun to provide computer users with the capability of linking DIGITAL as well as non-DIGITAL computer systems to the international x.25 public packet-switched data communications networks. Developed in the 1970s by the International Telephone and Telegraph Consultive Committee (CCITT), x.25 is becoming the standard international communications protocol as it finds increasing adoption among users and computer manufacturers. Additionally, x.25 allows computers from different manufacturers to work together: with appropriate security validation, any system on the network can send data to any other system on the network. DIGITAL's Packetnet products serve as the software interface between DIGITAL and non-DIGITAL systems and the public, packet-switched networks. VAX-11 PSI allows VAX/VMS systems to connect to the public packet switching networks now operational in the United Kingdom, the United States (Telenet), France, and Germany. It allows computer-to-computer dialog and terminal-to-computer dialog (x.29). VAX PSI connections to additional countries and networks are currently under test.

RSX-11 PSI allows RSX-11M or RSX-11M-PLUS systems to connect to the public packet switching networks now operational in the United Kingdom, the United States (Telenet), France, and Germany. It allows computer-to-computer and terminal-to-terminal (x.29) dialog. In addition, this product may be run in conjunction with DECnet. This important feature allows the DECnet user to have a choice of connecting CPUs together over leased lines or over Public Packet Switched lines. The latter may be less expensive. The other advantage this joint product gives to the x.25 user is the ability to perform all the higher level functions of networking, such as file transfer, file access, remote virtual terminal, etc. RSX-11 PSI is also being tested in additional countries and networks.

PSI PRODUCT FUNCTIONS

	<u>RSX-11 PSI/M</u>	<u>RSX-11 PSI/M-PLUS</u>	<u>VAX-11 PSI</u>
X.25 User Interface (XUI)	X	X	X
Interactive Terminal Interface (ITI)	X	X	X
DECnet Integration*	X	X	

PSI PUBLIC DATA NETWORK SUPPORT

	<u>RSX-11M</u>	<u>RSX-11M-PLUS</u>	<u>VAX/VMS</u>
France/Transpac	RSX-11 PSI/M V2	RSX-11 PSI/M-PLUS V2	VAX-11 PSI V1.2
United Kingdom/PSS	RSX-11 PSI/M V2	RSX-11 PSI-M-PLUS V2	VAX-11 PSI V1.2
United States/Telenet	RSX-11 PSI/M V2	RSX-11 PSI/M-PLUS V2	VAX-11 PSI V1.2
West Germany/Datex-P	RSX-11 PSI/M V2	RSX-11 PSI/M-PLUS V2	VAX-11 PSI V1.2

PSI COMMUNICATION INTERFACES

	<u>RSX-11 PSI/M</u>	<u>RSX-11 PSI/M-PLUS</u>	<u>VAX-11 PSI</u>
DUP11 single line synchronous	X	X	X
KMS11-BD/E	X	X	X
DPV11-DA	X	X	

NETWORKS AND COMMUNICATIONS
Packetnet (PSI) Options

PRODUCT NAME	KIT # SPD #	NETWORK (PSI) OPTION KITS			
RSX-11 PSI/M Packetnet System Interface	QJD91 10.42.01 AE-N141B-TC Base Operating System: Introduction to RSX-11 PSI RSX-11 PSI System Managers Guide RSX-11 PSI User's Guide RSX-11 PSI Networks Generation Guide RSX-11 PSI Networks Specifica- tion Information RSX-11 PSI Release Notes RSX-11 PSI Reference Card	V2 6/82 RSX-11M V4,V4.1 AA-M369A-TC AA-M370A-TC AA-M371A-TC AA-M372A-TC AA-M373A-TC AA-M374A-TC AV-M749A-TC			
RSX-11 PSI/M-PLUS Packetnet System Interface	QJD92 10.43.01 AE-N142B-TC Base Operating System: Introduction to RSX-11 PSI RSX-11 PSI System Managers Guide RSX-11 PSI User's Guide RSX-11 PSI Networks Generation Guide RSX-11 PSI Networks Specifica- tion Information RSX-11 PSI Release Notes RSX-11 PSI Reference Card	V2 6/82 RSX-11M-PLUS V2,V2.1 AA-M369A-TC AA-M370A-TC AA-M371A-TC AA-M372A-TC AA-M373A-TC AA-M374A-TC AV-M749A-TC			
TOPS-20 PSI GATEWAY	See SPD 21.22.00 AE-X113A-TM Base Operating System: TOPS-20 PSI User's Guide TOPS-20 PSI Installation Guide DECnet-20 System Manager's and Operator's Guide Update	V1 8/83 TOPS-20 V5.1 AA-J533A-TM AA-N819A-TM AD-J678A-T1			

PRODUCT NAME	KIT # SPD #	NETWORK (PSI) OPTION KITS			
VAX-11 KMS11-BD/BE X.25 Link Level Software	25.80.0 AE-N143A-TE QD757 (750 system) QE757 (780 system) Base Operating System: VAX KMS11-BD X.25 Driver User's Guide X.25 KMS11-BD Firmware User's Guide	V1 8/82 VAX/VMS V3 AA-N711A-TE AA-N718A-TE			
VAX-11 PSI Packetnet System Interface	25.40.06 AE-L066G-TE QC071 (730 system) QD071 (750 system) QE071 (780 & 782 systems) Base Operating System: Introduction to VAX-11 PSI Update VAX-11 PSI System Manager's Gd. Update VAX-11 PSI Installation Procedures VAX-11 PSI User's Guide Update VAX-11 PSI Net Specific Info. VAX-11-PSI V1.1 Release Notes VAX-11 PSI V1.2 Release Notes VAX-11 PSI Release Notes V2.1 VAX-11 PSI Configuration Guide-Lines [Restricted to Software Specialists only] VAX-11 PSI X.25 Programmer's Gd. VAX-11 Guide to Using X.29	V1.1 3/82 VAX/VMS V2.5 AA-L067A-TE AD-L067A-T1 AA-L068A-TE AD-L068A-T1 AA-L069B-TE AA-L070A-TE AD-L070A-T1 AA-L071B-TE AA-L072B-TE AA-M368A-TE	V1.2 5/82 VAX/VMS V3 AA-L067A-TE AD-L067A-T1 AA-L068A-TE AD-L068A-T1 AA-L069C-TE AA-L070A-TE AD-L070A-TQ AA-L071B-TE Obsolete AA-L072C-TE AA-M368A-TE	V2 6/83 VAX/VMS V3.3 AA-L067A-TE Included in manual AA-L069D-TE Obsolete AA-L072E-TE AA-N801A-TE AA-N082A-TE	V2.1 9/83 VAX/VMS V3.4, V3.5

NETWORKS AND COMMUNICATIONS
 Packetnet (PSI) Option Kits

PRODUCT NAME	KIT # SPD #	PROFESSIONAL PRODUCTS			
P/OS Hard Disk Professional 300 Operating System	QBA02 40.01.04 AE-N195E-TH PRO for Beginner: Hard Disk System PRO User's Guide for Hard Disk System PRO System Reference Card	V1 1/83 AA-N604A-TH AA-N603A-TH AV-P389A-TH	V1.5 6/83	V1.7 9/83 AA-N604B-TH AA-N603B-TH AV-P389C-TH	
P/OS Diskette Professional 300 Operating System	QBA13 40.16.01 AE-W588B-TH	V1.5 6/83	V1.7 10/83		
PRO/Applications Starter Kit for Hard Disk	QBA25 40.9.00 AE-AD37A-TH Base Operating System:	V1 12/83 P/OS Hard Disk V1.7			
PRO-2780/3780 Communications Application	QBA47 40.14.00 AE-X369A-TH Base Operating Systems:	V1 8/83 P/OS Hard Disk V1.5			
PRO/BASIC BASIC for Professional 300	QBA04 40.5.2 AE-N199C-TH QCS36 (VAX-11/730 system) QDS36 (VAX-11 750 system) QES36 (VAX-11 780 & 782 systems) Base Operating System: Professional/BASIC Language Man.	V1 1/83 P/OS Hard Disk V1	V1.1 6/83 P/OS Hard Disk V1.5 P/OS Diskette V1.5	AA-N601A-TH AA-N601B-TH	
PRO/Communications for Diskette	QBA45 40.17.01 AE-W589B-TH Base Operating System:	V1.5 8/83 P/OS Diskette V1.5	V1.7 10/83 P/OS Diskette V1.7		

PRODUCT NAME	KIT # SPD #	PROFESSIONAL PRODUCTS			
PRO/ Communications for Hard Disk	QBA05 40.06.04 AE-N200E-TH Base Operating System: Professional/Communications Facility Manual PRO/COMM Hard Disk User's Man.	V1 1/83 P/OS Hard Disk V1 AA-N602A-TH	V1.5 7/83 P/OS Hard Disk V1.5	V1.8 10/83 P/OS Hard Disk V1.7 AA-AH55A-TH	
PRO/DATATRIEVE	QBA43 40.26.00 AE-Y993A-TH Base Operating System: PRO/DATATRIEVE for Beginners PRO/DATATRIEVE Handbook PRO/DATATRIEVE Installation Card PRO/DATATRIEVE Reference Card	V1 9/83 P/OS Hard Disk V1.5	V1.7		
PRO/DATATRIEVE (LAF) Layered Application Facility	QBA20 40.27.00 AE-Y994A-TH Base Operating System: PRO/DATATRIEVE Layered Application Facility Manual DATATRIEVE-11 User's Guide Introduction to DATATRIEVE-11 DATATRIEVE-11 Guide to Writing Reports DATATRIEVE-11 Reference Manual DATATRIEVE-11 Pocket Guide	V1 9/83 P/OS Hard Disk, V1.5, V1.7 AA-V438A-TH AA-X023A-TK AA-X025A-TK AA-U051A-TK AA-U049A-TK AA-X103A-TK			
Professional Host Communications	QJ072 30.29.03 AE-P648D-TK QC351 (VAX-11/730 system) QD351 (VAX-11/750 system) QE351 (VAX-11/780 & 782) Base Operating Systems: Professional Host Communications Installation Procedure	V1 1/83 VAX/VMS V3 & later RSX-11M V4 RSX-11M-PLUS V2 P/OS V1 AA-P412A-TK	V1.5 7/83 VAX/VMS V3.4 RSX-11M V4.1 RSX-11M-PLUS V2.11 P/OS V1.5	V1.7 10/83 VAX/VMS V3 .5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7 AA-P412C-TK	

PRODUCT NAME	KIT # SPD #	PROFESSIONAL PRODUCTS			
Professional Host Tool Kit (formerly Professional Developer's Tool Kit)	QJ071 30.28.03 AE-P649D-TK QC350 (VAX-11 730 system) QD350 (VAX-11/750 system) QE350 (VAX-11 780 & 782 systems) Base Operating System: RMS-11 User's Guide PRO TK Document Guidelines PRO TK Document Directory PRO TK Installation Guide and Release Notes Addendum PRO TK User's Guide PRO TK Core Graphics Library Man PRO TK P/OS System Ref. Man. Update PRO TK TT SS Manual FMS-11/RSX-11 Software Ref. Man. FMS-11/RSX Release Notes PRO/RMS-11: An Introduction PRO/RMS-11 MACRO Programmer's Guide RSX-11M/M-PLUS Task Builder's Manual PRO TK FMS Documentation Supplement IAS/RSX-11 ODT Reference Manual PRO IAS/RSX ODT Supplement PDP-11 MACRO-11 Language Ref Man	V1 1/83 VAX/VMS V3 & later RSX-11M V4 RSX-11M-PLUS V2 AA-N621A-TK AA-N615A-TK AA-N616A-TK AD-N616A-T1 AA-N617A-TK AA-N619A-TK AA-N620A-TK AA-N623A-TK AA-H855A-TC AA-H857A-TC AA-P098A-TK AA-P099A-TK AA-L680A-TC AA-M507A-TC AA-P193A-TK AA-5075B-TC	V1.5 6/83 VAX/VMS V3.3 RSX-11M V4.1 RSX-11M-PLUS V2.1 AA-N615B-TK AA-N616B-TK Obsolete AA-N617B-TK AA-N623B-TK AA-L680B-TC AA-P103B-TK AA-P193B-TK AA-V027A-TC	V1.7 9/83 VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS Hard Disk V1.7 P/OS Diskette V1.7 AA-L669A-TC AA-N612A-TK AA-N615C-TK AA-N616C-TK AA-N617C-TK AA-N619B-TK AA-N620A-TK AD-N620A--T1 AA-N623B-TK AA-H855A-TC AA-H857A-TC AA-P098A-TK AA-P099A-TK AA-L680B-TC AA-P103B-TK AA-M507A-TC AA-P193B-TK AA-V027A-TC	

PRODUCT NAME	KIT # SPD #	PROFESSIONAL PRODUCTS			
Professional Host Tool Kit BASIC-PLUS-2	QJ073 30.27.02 AE-P650c-TK QC352 (VAX-11 730 system) QD352 (VAX-11 750 system) QE352 (VAX-11 780 & 782 systems) Base Operating Systems: BASIC Reference Manual BASIC User's Guide BASIC on RSX-11M/M-PLUS System Update Professional Developer's Tool Kit BASIC+2 Documentation Supplement Professional Developer's Tool Kit BASIC+2 Installation Guide and Release Notes BASIC Pocket Reference Guide	V2 1/83 VAX/VMS V3.2 RSX-11M V4 RSX-11M-PLUS V2 AA-L334A-TK AA-L335A-TK AA-L338A-TC AA-P102A-TK AA-P104A-TK AV-L341A-TK	V2.1 6/83 VAX/VMS V3.4 RSX-11M V4.1 RSX-11M-PLUS V2.1 AA-L334A-TK AA-L3351-TK AA-L338A-TC AD-L338A-T1 AA-P102B-TK AA-P104B-TK AV-L341A-TK	V2.2 1/84 VAX/VMS V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 Professional Host TK V1.7	
Professional Tool Kit COBOL-81	QJ081 30.31.01 AE-R999B-TK QC714 (VAX-11/730 system) QD714 (VAX-11/750 system) QE714 (VAX-11/750 & 782 systems) Base Operating Systems:	AE-R999A-TK	V2 6/83 VAX/VMS V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5		

PRODUCT NAME	KIT # SPD #	PROFESSIONAL PRODUCTS			
Professional Host Tool Kit DIBOL	QJ369 30.26.03 AE-P651D-TK QC356 (VAX-11/730 System) QD356 (VAX-11/750 System) QE356 (VAX-11/780 & 782 Systems)	V1 1/83	V1.5 6/83	V1.6 10/83	
	Base Operating Systems: Professional Tool Kit Introduction to DIBOL PRO TK DIBOL User's Guide PRO TK DIBOL Language Ref. Man. PRO TK DIBOL Release Notes and Installation Guide DIBOL-83 Language Ref Manual Update DIBOL-83 Compatibility Manual PRO TK DIBOL Message Manual DIBOL-83 Language Ref. Card	VAX/VMS V3 & later RSX-11M V4 RSX-11M-PLUS V2 P/OS V1 AA-P042A-TK AA-P043A-TK AA-P044A-TK AA-P045A-TK	VAX/VMS RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5 AA-P042A-TK AA-P043B-TK Obsolete AA-P045B-TK AA-U066A-TK AA-V810A-TK	VAX/VMS V3.4,V3/5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7 AA-P042A-TK AA-P043C-TK AA-P045C-TK AA-U066A-TK AD-U066A-T1 AA-V910B-TK AA-Z515A-TK AV-U067A-TK	
Professional Host Tool Kit FORTRAN-77	QJ074 30.38.02 AE-W587C-TK QC353 (VAX-11/730 System) QD353 (VAX-11/750 System) QE353 (VAX-11/780 & 782 Systems)	V1 6/83	V5 10/83		
	Base Operating Systems: PRO Host TK FORTRAN-77 Installation Guide and Documentation Supplement PDP-11 FORTRAN-77 Language Reference Manual PDP-11 FORTRAN-77 User's Guide PDP-11 FORTRAN-77 OTS Ref. Man.	VAX/VMS V3.2,V3.3 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.5	VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7 AA-R387B-TK AA-V193A-TK AA-V194A-TK AA-V195A-TK		

PRODUCT NAME	KIT # SPD #	PROFESSIONAL PRODUCTS			
Professional Host Tool Kit FORTRAN-77 DEBUG	QJ079 30.42.01 AE-Z850B-TK QC421 (VAX-11/730 System) QD421 (VAX-11/750 System) QE421 (VAX-11/780 & 782 Systems) Base Operating Systems:	V1 1/83			
Professional Tool Kit PASCAL	QJ082 30.30.02 AE-R998C-TK QC715 (VAX-11/730 System) QD715 (VAX-11/750 system) QE715 (VAX-11 780 & 782 Systems) Base Operating Systems:	V1 6/83	V1.1 9/83		
Professional Real Time Interface Library	Professional Tool Kit PASCAL Installation Guide and Release Notes PRO TK PASCAL User's Guide PRO TK PASCAL Language Ref Man See SPD 30.37.02 AE-Y160C-TK Base Operating Systems:	AA-R759A-TK AA-U046A-TK AA-U047A-TK	VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS V1.7 VAX/VMS V3.4,V3.5 RSX-11M V4.1 RSX-11M-PLUS V2.1 P/OS Hard Disk V1.7 P/OS Diskette V1.7 AA-R759B-TK AA-U046A-TK AA-U047A-TK		
		V1 8/83			
		P/OS V1.7 RSX-11M V4.1 RSX-11M-PLUS V2.1 VAX/VMS V3.4,V3.5			

PRODUCT NAME	KIT # SPD #	PROFESSIONAL PRODUCTS			
PRO/ Installation & Maintenance	40.12.02 AE-P976C-TH Included in PC31K - Country Kit for Professional 300. PRO Owner's Manual PRO Installation Instructions	V1 1/83 AZ-N597A-TH AZ-N626A-TH	V1.5 7/83	V1.7 10/83 AZ-N597C-TH AZ-N626B-TH	
PRO/SALES DEMO	QBA03 41.10.1 AE-P779B-TH Base Operating System:	V1 1/83 P/OS Hard Disk V1	V1.5 7/83 P/OS Hard Disk V1.5 P/OS Diskette V1.5		
PROSE-PLUS	PRO/SALES Demo Usage Guide QBA11 40.13.0 AE-W940A-TH Base Operating Systems:	AA-P387A-TH V1 7/83 P/OS Hard Disk V1.5 P/OS Diskette V1.5	AA-P387B-TH		
PRO/Smart Mailer	QBA42 40.28.00 AE-AH40A-TH Base Operating System:	V1 12/83 P/OS Hard Disk V1.7			
PRO/SNA Communications	See SPD 40.15.00 AE-AH41A-TH Base Operating System:	V1 12/83 P/OS Hard Disk V1.7			

PRODUCT NAME	KIT # SPD #	PROFESSIONAL PRODUCTS			
PRO/Tool Kit	QBA14 40.19.00 AE-Y991A-TH Base Operating System: PRO Tool Kit Installation Guide and Documentation Supplement PRO Tool Kit Command Language and Utilities Manual PRO Tool Kit Documentation Directory RMS11 Utilities PRO Tool Kit User's Guide PRO Documentation Directory PRO Tool Kit Core Graphics Library Manual PRO Tool Kit FMS Documentation Supplement PRO Tool Kit System Software Manual PRO Tool Kit Documentation Guidelines PRO Tool Kit P/OS Reference Man PRO IAS/RSX ODT Supplement IAS/RSX-11 ODT Reference Manual RSX-11M/M-PLUS Task Builder Man PDP-11 MACRO-11 Language Reference Manual PRO/RMS-11: An Introduction PRO/RMS-11 MACRO Programmer's Guide RMS-11 User's Guide FMS-11/RSX-11 Software Ref Man FMS-11/RSX Release Notes EDT Editor Manual	V1 9/83 P/OS Hard Disk V1.5, V1.7 AA-X911A-TH AA-X912A-TH AA-X910A-TH AA-L670A-TC AA-N617C-TK AA-N615B-TK AA-N619A-TK AA-P103B-TK AA-N623B-TK AA-N621A-TK AA-N620A-TK AA-P193B-TK AA-M507A-TC AA-L680B-TC AA-V027A-TC AA-P098A-TK AA-P099A-TK AA-L669A-TC AA-H855A-TC AA-H857A-TC AA-J726A-TC			
PRO/Tool Kit COBOL-81	QBA19 40.24.00 AE-Z764A-TH Base Operating System:	V2.1 10/83 PRO/Tool Kit V1			

PRODUCT NAME	KIT # SPD #	PROFESSIONAL PRODUCTS			
PRO/Tool Kit DIBOL	QBA16 40.22.01 AE-Z848B-TH Base Operating System: PRO TK Introduction to DIBOL PRO TK DIBOL-83 Lang Ref Man Update PRO TK DIBOL Message Manual DIBOL-83 Compatibility Guide PRO TK DIBOL User's Guide PRO TK DIBOL Release Notes and Installation Guide DIBOL-83 Language Ref. Card	V1.6 10/83 PRO/Tool Kit V1 AA-P042A-TK AA-U066A-TK AD-U066A-T1 AA-Z515A-TK AA-V810B-TK AA-P043C-TK AA-P045C-TK AV-U067A-TK			
PRO/Tool Kit FORTRAN-77	QBA15 40.21.00 AE-Z763A-TH Base Operating System:	V5 10/83 PRO/Tool Kit V1			
PRO/Tool Kit FORTRAN-77 DEBUG	QBA21 40.25.00 AE-Z847A-TH Base Operating System:	10/83 PRO/Tool Kit V1			
PRO/Tool Kit PASCAL	QBA18 40.20.00 AE-Y992A-TH Base Operating System: PRO Tool Kit PASCAL Installation Guide and Release Notes PRO Tool Kit PASCAL User's Guide PRO Tool Kit PASCAL Language Reference Manual	V1.1 9/83 Pro/Tool Kit V1 AA-R759B-TK AA-U046A-TK AA-U047A-TK			

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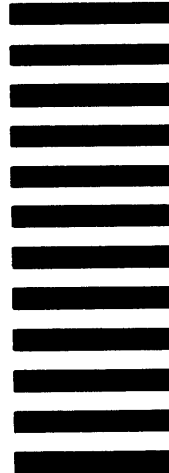
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