

## IDENTIFICATION

Product Code: DEC-00-BZZB-D  
Product Name: Classifying and Documenting  
Date Created: June 24, 1969  
Maintainer: Software Service Group



These standards represent a method of categorizing documents and software products. The standards are designed to allow a level of self-identification to the product user. The same method of identification is also used to make the retrieval and duplication of the product a simpler process.

The Product Code is intended to be used whenever the product is requested. To insure that this code will be used, several compromises were reached between a lengthy, completely identifying code, and a short, unsophisticated, sequential numbering scheme.

The Product Code presented here is compact enough to use in its entirety, whenever a customer or in-house request is made. Using this code will permit a quicker response to your requests.

## PRODUCT CODE FOR SOFTWARE PRODUCTS

### Maintenance Library Products:

code preceded by "MAINDEC"

### Programming Library Products:

code preceded by "DEC"

### Code:

XX-XXXX-XX

#### 1. [XX] - XXXX-XX

The first two digits of the Product Code following the word DEC or MAINDEC are used to designate the computer series. Any of the following are permitted:

<u>Series</u>	<u>Computer</u>
00	Not computer oriented
01	PDP-1
04	PDP-4
05	PDP-5
58	PDP-5 and 8
06	PDP-6
07	PDP-7
79	PDP-7 and 9
08	PDP-8
8S	PDP-8/S
T8	TSS 8
8I	PDP-8/I
8L	PDP-8L
L8	Linc 8
LB	Lab 8
DEC 9A	PDP-9 Advance Package
DEC 9B	PDP-9 Basic Package
DEC 9L	PDP-9L
DEC 9S	PDP-9 Advanced System source tapes
DEC 9T	PDP-9 Paper Tape System
DEC 9U	PDP-9 DECtape System
DEC or Maindec 09	across the board on 9 line
Maindec 9A	PDP-9 only
Maindec 9I	Int 4K PDP-9I
10	PDP-10 (all systems)

<u>Series</u>	<u>Computer</u>
T3	PDP-10/30 only
T4	PDP-10/40 only
T5	PDP-10/50 only
T9	PDP-10/40 & 10/50 only
CP	Computer Pac

## 2. XX - [XXXX] - XX

The next grouping of four characters represents the product identification.

### 2.1 Major Category

The first character of the product identification is the Major Category.

<u>Major Category</u>	<u>Description</u>
A	Assembler
B	Bibliographies
C	Checkout support
D	Diagnostics - See section 2.5 for further details
E	Editing
F	Function/subroutine
G	General Manuals
H	Hardware (general description)
I	Installation
J	DDT
K	Compiler
L	Loader
M	Monitor
N	Notes on Techniques or applications
O	
P	PIP
Q	Quality Control, Checkout
R	Routines (other than functions and utility)
S	System Configuration (operating, libraries, etc.)
T	Test and demonstration
U	User Applications (desk calculation, oceanographic....etc.)
V	
W	
X	
Y	Utility
Z	Special case, none of the above apply.

## 2.2 Minor Category (Systems Programs only See Section 2.5 for Maindecs)

The second character of the product identification is the Minor Category .

<u>Minor Category</u>	<u>Description</u>
A	Algol
B	Builder
C	Cobol
D	Debug (other than octal)
E	Program Development
F	Fortran
G	Procedural Guide
H	Sort or merge
I	I/O
J	Conversational
K	Keyboard
L	Linking
M	Macro
N	Translator
O	Octal Debug
P	Copy
Q	Arithmetic
R	Reference
S	PAL
T	Batch
U	Updating Programs
V	Verify
W	Systems
X	Instruction
Y	Library
Z	Special case, none of the above apply.
1 - 0	To uniquely identify a series of programs that only efficiently fall into major category

## 2.3 Option Category (Systems Programs Only See Section 2.5 for Maindecs)

The 3rd character of the product identification is the option category. Basic or special is designated by Z. The designation indicates hardware features necessary to utilize the software, Y in this category means more than one tape apply. Tapes in this category will be sequentially numbered in place of the Y.

Option CategoryDescription

A	A/D Converter or vice versa
B	
C	Card
D	Disk only
E	Extended arithmetic element
F	File Oriented
G	
H	High Speed Reader and/or Punch
I	
J	
K	KSR 35 Keyboard only
L	Line Printer
M	Magtape
N	
O	Plotter
P	Paper Tape
Q	
R	
S	Scope
T	DECtape only
U	
V	680 system
W	
X	Extended Core only
Y	More than 1 tape apply
Z	Special case, none of the above apply
1 - 0	To uniquely identify a series of programs that only efficiently fall into major category

For PDP12 only 1 = 12A  
2 = 12B  
3 = 12C

#### 2.4 Revision Category

The last character of the product identification for DEC products is to be a sequential lettering scheme to identify revisions.

#### 2.5 Minor Category (Diagnostic Programs only)

The second character of the product identification is a number as follows:

Minor Category

Description

0	Processor, EXT arithmetic, options (i.e., I/O operations)
1	Memory, EXT memory
2	Reader, punch, TTY, printer
3	DECtape, LINC tape
4	Magnetic tape
5	Disk, drum
6	Displays, A-D, character generators
7	Systems test
8	Special devices
9	Other than above

2.6 Unique Designation Category

The last two digits of the product identification for MAINDEC products are to be some sequential numbering or lettering scheme to identify individual products within the major and minor classifications. A suggested scheme is to begin with "AA", using "AB" to supersede "AA".

In situations where several products are covered by the same manual, or vice versa, the dominant product or manual has a product code ending in zero (xxx0). Each of the subset products takes on a sequential number (i.e., The general manual is numbered Maindec-08-D1LO-D and the tapes in the series Maindec-08-D1L1-PB and Maindec-08-D1L2-PB.

3. XX-XXXX- [XX]

The last two characters of the Product Code are used to represent the method by which the product is distributed.

3.1 The first of the last two characters may be any of the following:

Medium

Description

C	Cards
D	Document
L	Listing
M	Magtape
P	Papertape
U	DECtape
digit	a numbering series used in ASCII paper tapes only
G	General



3.2 The second of the last two characters represents the mode in which the product is distributed.

<u>Mode</u>	<u>Description</u>
A	ASCII
B	Binary
C	Combined Modes
D	Dump
F	FIODEC
H	Hardware Readin
I	FIODEC Binary
M	Readin-mode (RIM)
N	Notice of change
O	Other (Linctape, special binary, etc.)
P	Package
R	Relocatable binary
T	Test patterns or test conditions
digit	A numbering series used in ASCII paper tapes only
(SPACE)	English text

4. There is a provision made for a single-lettered special classification to follow the last two digits of the code. This letter should be enclosed in parentheses.

XX-XXXX-XX- (X)

<u>Special Code</u>	<u>Description</u>
A	Alternate Mode (Product for one computer in format of another computer)
D	Draft copy
L	Limited distribution
P	Proposal
T	Test version

5. An example of the cover sheet for a sample program would be:

#### IDENTIFICATION

Product Code: DEC-08-YQYA-D  
 Product Name: Floating Point Package  
 Date Created: April 18, 1965  
 Maintainer: Software Service Group

Tapes in this series will be numbered:

DEC-08-YQ1A-PB  
DEC-08-YQ2A-PB  
DEC-08-YQ3A-PB  
DEC-08-YQ4A-PB

### Program Document Format

1. ABSTRACT
2. PRELIMINARY REQUIREMENTS
3. LOADING OR CALLING PROCEDURE
4. USING THE PROGRAM OR ROUTINE  
(including any re-start procedures)
5. DETAILS OF OPERATION AND STORAGE  
(including any error message)
6. SPECIAL REQUIREMENTS, INSTRUCTIONS, OR FORMATS
7. FLOW CHARTS AND LISTINGS

### NOTE

These divisions are established as a guide. If the division is applicable, the material should be presented in the order given, with the title given. If a specific division does not apply, the following division takes the next sequential number. For example: if the document had no special requirements..., Flow Charts and Listings would appear as number 6 in the document.

### DIAGNOSTIC DOCUMENT FORMAT

1. ABSTRACT
2. REQUIREMENTS
  - 2.1 Equipment
  - 2.2 Storage
  - 2.3 Preliminary Programs
3. LOADING PROCEDURE
  - 3.1 Method
4. STARTING PROCEDURE
  - 4.1 Control Switch Settings

- 4.2        Starting Address or Addresses
- 4.3        Program and/or Operator Action
- 5.        OPERATING PROCEDURE
- 5.1        Operational Switch Settings
- 5.2        Subroutine Abstracts
- 5.3        Program and/or Operation Action
- 6.        ERRORS
- 6.1        Error Halts and Description
- 6.2        Error Recovery
- 7.        RESTRICTIONS
- 7.1        Starting Restrictions
- 7.2        Operating Restrictions
- 8.        MISCELLANEOUS
- 8.1        Execution Time
- 9.        PROGRAM DESCRIPTION
- 10.       LISTINGS
- 11.       FLOW CHARTS

