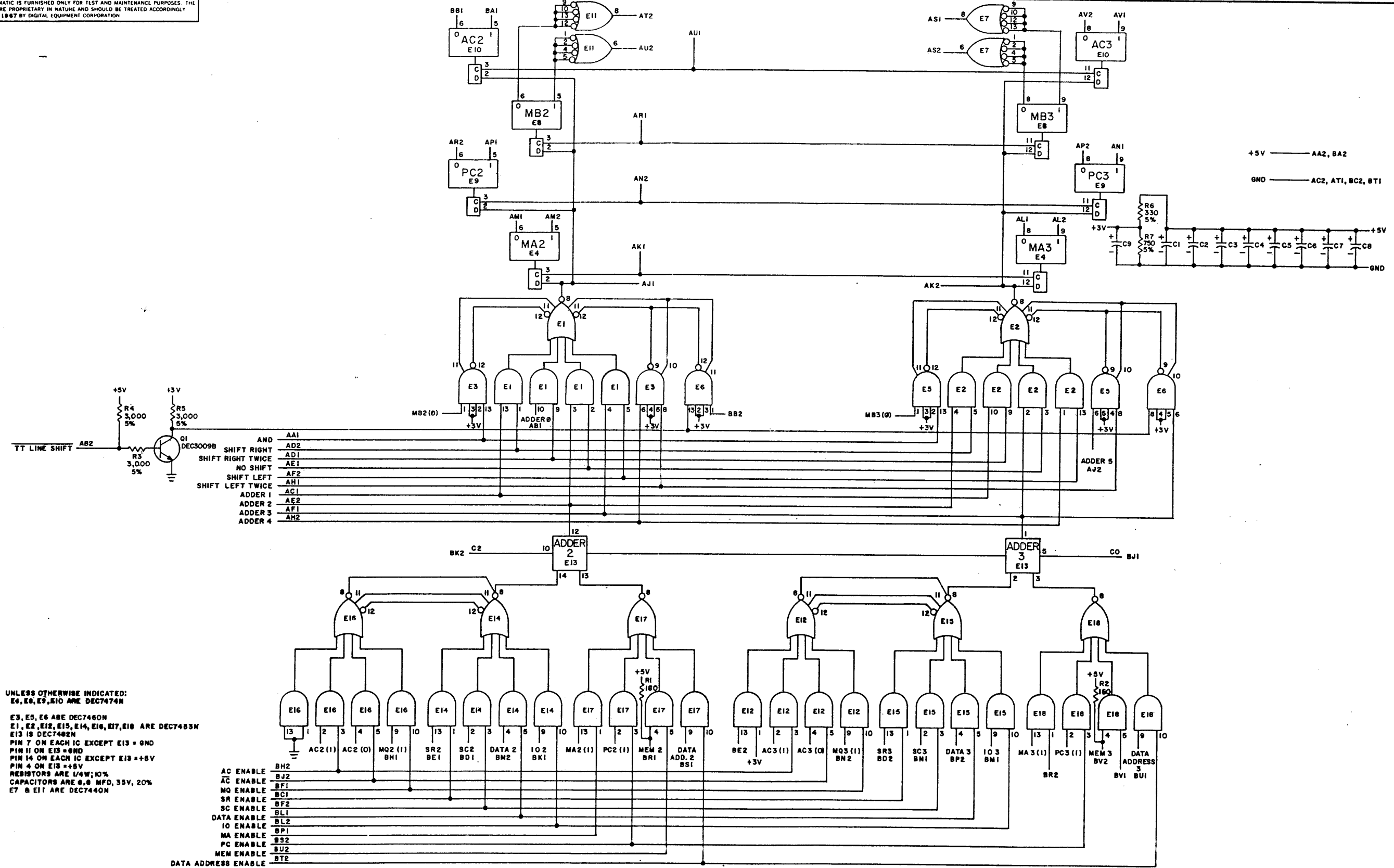


THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1967 BY DIGITAL EQUIPMENT CORPORATION.



TT LINE SHIFT AB2

R4 3,000 5%
 R5 3,000 5%
 R3 3,000 5%

Q1 DEC3009B

AND AAI
 SHIFT RIGHT AD2
 SHIFT RIGHT TWICE AD1
 NO SHIFT AE1
 SHIFT LEFT AF2
 SHIFT LEFT TWICE AH1
 ADDER 1 AC1
 ADDER 2 AE2
 ADDER 3 AF1
 ADDER 4 AH2

UNLESS OTHERWISE INDICATED:
 E4, E8, E9, E10 ARE DEC7474N
 E3, E5, E6 ARE DEC7460N
 E1, E2, E12, E15, E14, E16, E17, E18 ARE DEC7483N
 E13 IS DEC7482N
 PIN 7 ON EACH IC EXCEPT E13 = GND
 PIN 11 ON E13 = GND
 PIN 14 ON EACH IC EXCEPT E13 = +5V
 PIN 4 ON E13 = +5V
 RESISTORS ARE 1/4W; 10%
 CAPACITORS ARE 0.01 MFD, 35V, 20%
 E7 & E11 ARE DEC7440N

PARTS LIST A-PL-M220-0-0

REV	DATE	BY	CHK'D
1	10/00/67	A	
2	10/00/67	B	
3	10/00/67	C	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC3009B	2N3009		

digital EQUIPMENT CORPORATION
 MAJOR REGISTERS M220

DATE: 3-11-67
 DCS M220-0-1

REV. 1
 CS M220-0-1
 DCS
 12/73