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DRAWING NUMBERS PCS

Z1  200028-200
Z2  200028-201
Mux 200012-200

March 1976
DATA SEPARATOR

UNLESS OTHERWISE SPECIFIED

DRAWN

CONTRACT NO.

CONTRACT NUMBER

APPROVALS

DATE

MATERIAL

CHECKED

FINISH

APPLICATION

DO NOT SCALE DRAWING

SIZE

CODE IDENT NO.

DRAWING NO.

DOE-ME, (SH:17)

SH:8)

SH:9)

SH:4)

SH:5)

SH:3)

SH:2)

SH:1)

SH:0)

SH:9)

SH:8)

SH:7)

SH:6)

SH:5)

SH:4)

SH:3)

SH:2)

SH:1)

SH:0)

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SH:4)

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SH:2)

SH:1)

SH:0)

SH:9)

SH:8)

SH:7)

SH:6)

SH:5)

SH:4)

SH:3)

SH:2)

SH:1)

SH:0)
FROM SHEET 2 U21 & U22 PINS 1 & 15
SCHEMATIC, 8800 INTERFACE

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± .XX ± ±
± .XXX ±

MATERIAL

FINISH

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS

DATE

DRAWN

CHECKED

Material

Finish

Size

Code Ident No.

Drawing No.

200057-200

B

Sheet 2 of 3
TABLE II

<table>
<thead>
<tr>
<th>VERSION CHARACTERISTIC</th>
<th>C13, C14, R32, R13</th>
<th>W1</th>
<th>W2</th>
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SINGLE DENSITY, INTERNAL ERASE, -5V, POWER SAVE FEATURE OUT
USE USE OMIT USE USE OMIT USE USE
SINGLE DENSITY, INTERNAL ERASE, -5V, POWER SAVE FEATURE IN
USE USE OMIT USE USE OMIT USE USE
SINGLE DENSITY, INTERNAL ERASE, 12/-15V, POWER SAVE FEATURE OUT
USE OMIT USE USE OMIT USE USE
SINGLE DENSITY, INTERNAL ERASE, 12/-15V, POWER SAVE FEATURE IN
USE OMIT USE USE OMIT USE USE
SINGLE DENSITY, EXTERNAL ERASE, -5V, POWER SAVE FEATURE OUT
OMIT USE OMIT USE OMIT USE USE
SINGLE DENSITY, EXTERNAL ERASE, -5V, POWER SAVE FEATURE IN
OMIT USE OMIT USE OMIT USE USE
SINGLE DENSITY, EXTERNAL ERASE, 12/-15V, POWER SAVE FEATURE OUT
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SINGLE DENSITY, EXTERNAL ERASE, 12/-15V, POWER SAVE FEATURE IN
OMIT OMIT USE OMIT USE OMIT USE

TABLE VI

SPARES

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<th>120-000U</th>
<th>U1B</th>
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REFERENCE DESIGNATIONS

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<tr>
<td>C14</td>
<td>C13</td>
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<td>CR9</td>
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<td>Q31</td>
<td>OR</td>
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<td>R136</td>
<td>R200 thru 37, 48, 49, 50, 51, 52</td>
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<td>TP15</td>
<td>V30</td>
<td>W6 W7</td>
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<td>V91</td>
<td>W4 W5 W8</td>
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REFERENCES

- C01
- C03
- C10,12
- CR6, CR9
- CR25
- CR6
- CR9
- D1
- Q31
- Q31
- R136
- R200 thru 37, 48, 49, 50, 51, 52
- TP15
- V30
- V91
- W6 W7
- W4 W5 W8

NOTES:
- VERSIONS OF THIS ASSEMBLY FOR INTERNAL/EXTERNAL TRIM ERASE MAY BE CREATED BY INSTALLING C13, C14, R32, R13, U10, AND SELECTING W3 OR W4 AS APPLICABLE.
- DIODES ARE IN PNP TRANSISTORS ARE 2N125.
- NPN TRANSISTORS ARE 2N4121.
- CAPACITOR VALUES ARE IN MICROFARADS.
- RESISTOR VALUES ARE IN OHMS, 5%, 1/8W.
- FOR SPARE LOGIC ELEMENTS, SEE TABLE VI.
- FOR PART NUMBER SEE TABLE VI.
- FOR SPARE LOGIC ELEMENTS, SEE TABLE V.
- FOR PART NUMBER OF COMPONENTS AFFECTED BY VERSION NUMBER, SEE TABLE V.
- FOR PART NUMBER OF COMPONENTS NOT AFFECTED BY VERSION NUMBER, SEE TABLE II.
- NOTES: UNLESS OTHERWISE SPECIFIED

REFERENCE DRAWINGS:

- ASSEMBLY NO. 600321

PERTEC PERIPHERAL EQUIPMENT

PERTEC PERIPHERAL EQUIPMENT

PERTEC PERIPHERAL EQUIPMENT

PERTEC PERIPHERAL EQUIPMENT

PERTEC PERIPHERAL EQUIPMENT

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PERTEC PERIPHERAL EQUIPMENT

PERTEC PERIPHERAL EQUIPMENT

PERTEC PERIPHERAL EQUIPMENT
5. MAINTAIN MIN. AIR GAP OF .10
BETWEEN COMPONENT BODY
& BOARD FOR R104, R105, R114, R117 & R118

- MASK AREAS SHOWN DURING FLOW SOLDER OPERATION.
- MARK PART NUMBER 600321, VERSION NUMBER AND
  VERSION ISSUE LETTER IN AREA SHOWN.
- THIS ASSEMBLY SHALL BE MADE FROM PROCESS
  BOARD 600252-01 REV D AND SUBSEQUENT.
- ASSEMBLE PER STANDARD MANUFACTURING METHODS.

NOTES: UNLESS OTHERWISE SPECIFIED
SECTION A-A
(TYPICAL TO-5 MTG.)

SECTION B-B
8 PLACES

SCHEMATIC 600320

PART NO. 600321 WORK SHEET

REFERENCE DWGS:

REV.

PART

600321

DEPARTMENT:

REVISION:

PERTEC

PERIPHERAL EQUIPMENT

PCBA, FD,
BASIC II/DC
1. "TP" INDICATES TWISTED PAIR WIRES.

NOTES: UNLESS OTHERWISE SPECIFIED.
- DISC POWER SUPPLY 200046

- CHASSIS ON DRIVERS

FD360 POWER SCHEMATIC

D
d 200042-200

PARTS LIST

<table>
<thead>
<tr>
<th>PARTS IDENTIFICATION NO.</th>
<th>CODE IDENT.</th>
<th>CONTRACT NO.</th>
<th>DRAWING NO.</th>
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<td>D</td>
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</table>

DO NOT SCALE DRAWING
NOTED COMPONENTS TO BE INSTALLED BY CUSTOMER.

1. ALL RESISTOR VALUES ARE IN OHMS ±5%, 1/4W.
2. ALL 1% RESISTORS ARE 1/8W
3. CAPACITOR VALUES ARE IN MICROFARADS - SEE PARTS LIST FOR TOLERANCE & VOLTAGE.
4. ■ ■ = NORMALLY INSTALLED JUMPER
    ■■ = ETCHED LINE ON CIRCUIT BOARD
    □ = PAD ON CIRCUIT BOARD FOR OPTIONAL JUMPER OR COMPONENT.

NOTES: UNLESS OTHERWISE SPECIFIED
NOTES: UNLESS OTHERWISE SPECIFIED
SEE SHEET 1