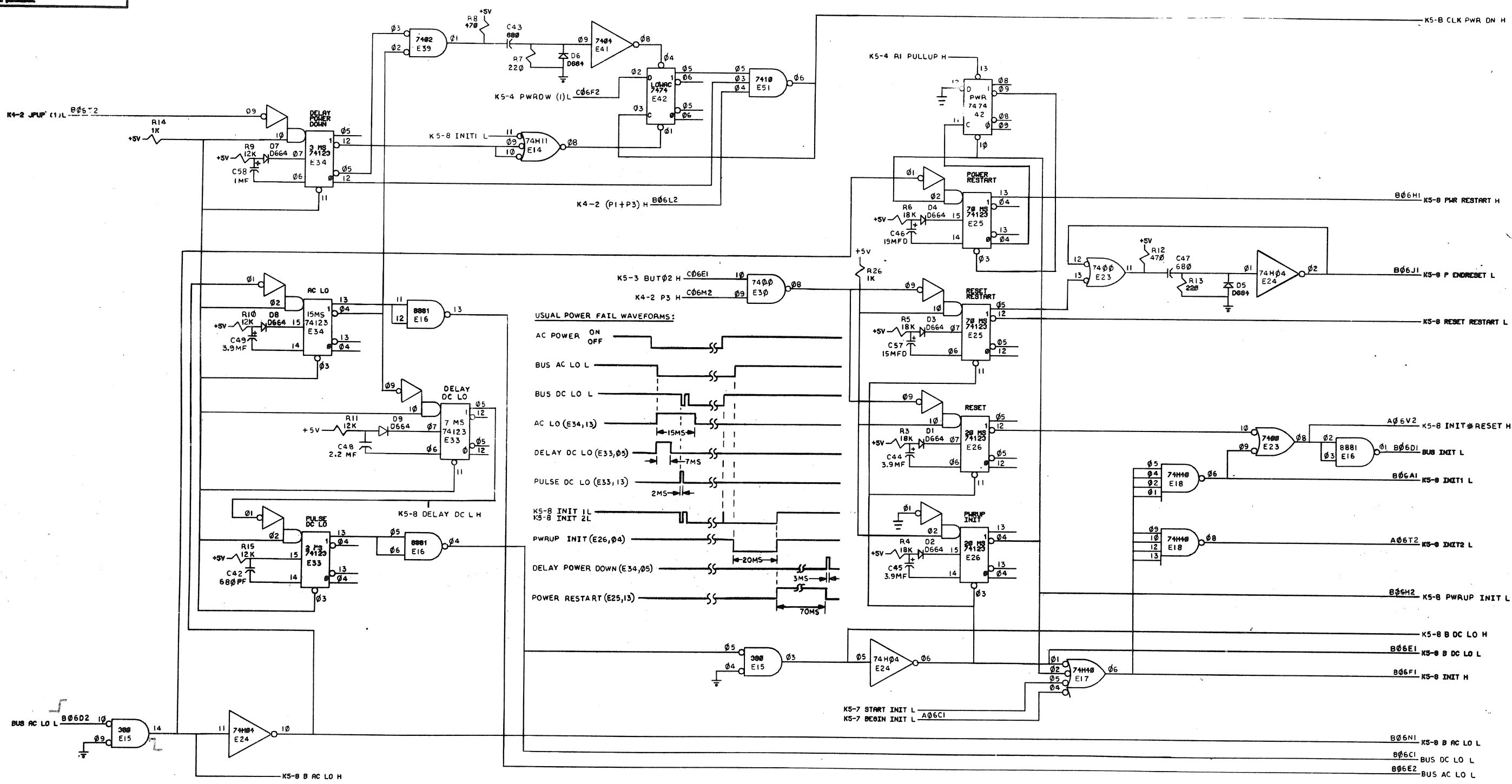


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UNLESS OTHERWISE SPECIFIED  
DIMENSIONS IN INCHES  
TOLERANCES  
DECIMALS FRACTIONS ANGLES  
±.005 ± 1/64 ± 0°30'  
FURNISH SURFACE QUALITY  
REMOVE BURRS AND BREAK SHARP  
EDGES

MATERIAL  
FINISH

DATE 2-8-72  
DATE 7/3/72  
DATE 7/3/72  
DATE 7/3/72  
DATE 7/3/72  
DATE 7/3/72

PRODUCED BY THE AUTOMATED DRAFTING SYSTEM

EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS

TITLE  
STATUS  
BUS DELAYS K5-B

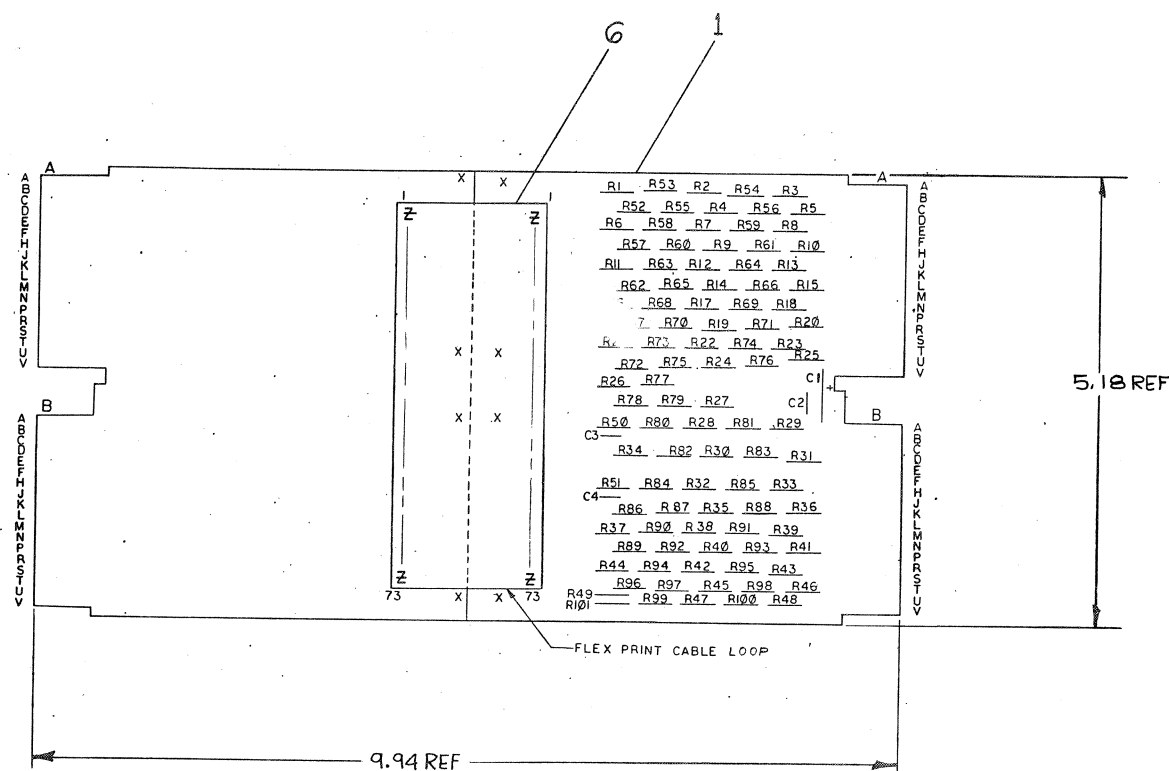
SCALE  
SHEET 8 OF 8  
DIST.

1 AUG 27 1971

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# NOTES:

1. CONNECTOR MODULE, M981, INTERCONNECTS THE KD11-A PROCESSOR WITH A NEXT UNIBUS DEVICE. RESISTIVE TERMINATION OF THE UNIBUS IS ALSO PROVIDED.
2. COMPONENTS ARE LOCATED IN AND POWERED FROM THAT PORTION OF THE MODULE IN THE NEXT DEVICE. GROUND IS CONNECTED BETWEEN THE KD11-A AND THE NEXT DEVICE.
3. SIGNALS ON THE LEFT OF THE CONNECTORS ONLY OUTPUT FROM THE KD11-A. SIGNALS TO THE RIGHT OF THE CONNECTORS ARE RECEIVED AND TRANSMITTED FROM THE KD11-A.



|                                                                                |     |      |
|--------------------------------------------------------------------------------|-----|------|
| IC TYPE                                                                        | GND | + 5V |
| GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE. |     |      |
| IC PIN LOCATIONS                                                               |     |      |

DEC FORM NO. DRD-135A

| QTY | REF DESIGNATION | DESCRIPTION               | PART NO.  | ITEM NO. |
|-----|-----------------|---------------------------|-----------|----------|
| AR  |                 | CABLE FLEXPRINT, 27/16 LG | 9105692-S | 6        |
| 50  | R52 THRU R101   | RES. 178 1/4W. 1%         | 1311422   | 5        |
| 51  | R1 THRU R51     | RES. 383 1/4W. 1%         | 1305125   | 4        |
| 1   | C1              | CAP. 39 MFD 10V 10%       | 1000076   | 3        |
| 3   | C2, C3, C4      | CAP. 1000 MMF 1000V 20%   | 1000043   | 2        |
| 1   |                 | ETCHED CIRCUIT BOARD      | 5009763   | 1        |

FIRST USED ON OPTION MODEL

KD11-A

PARTS LIST

ETCH BOARD REV F

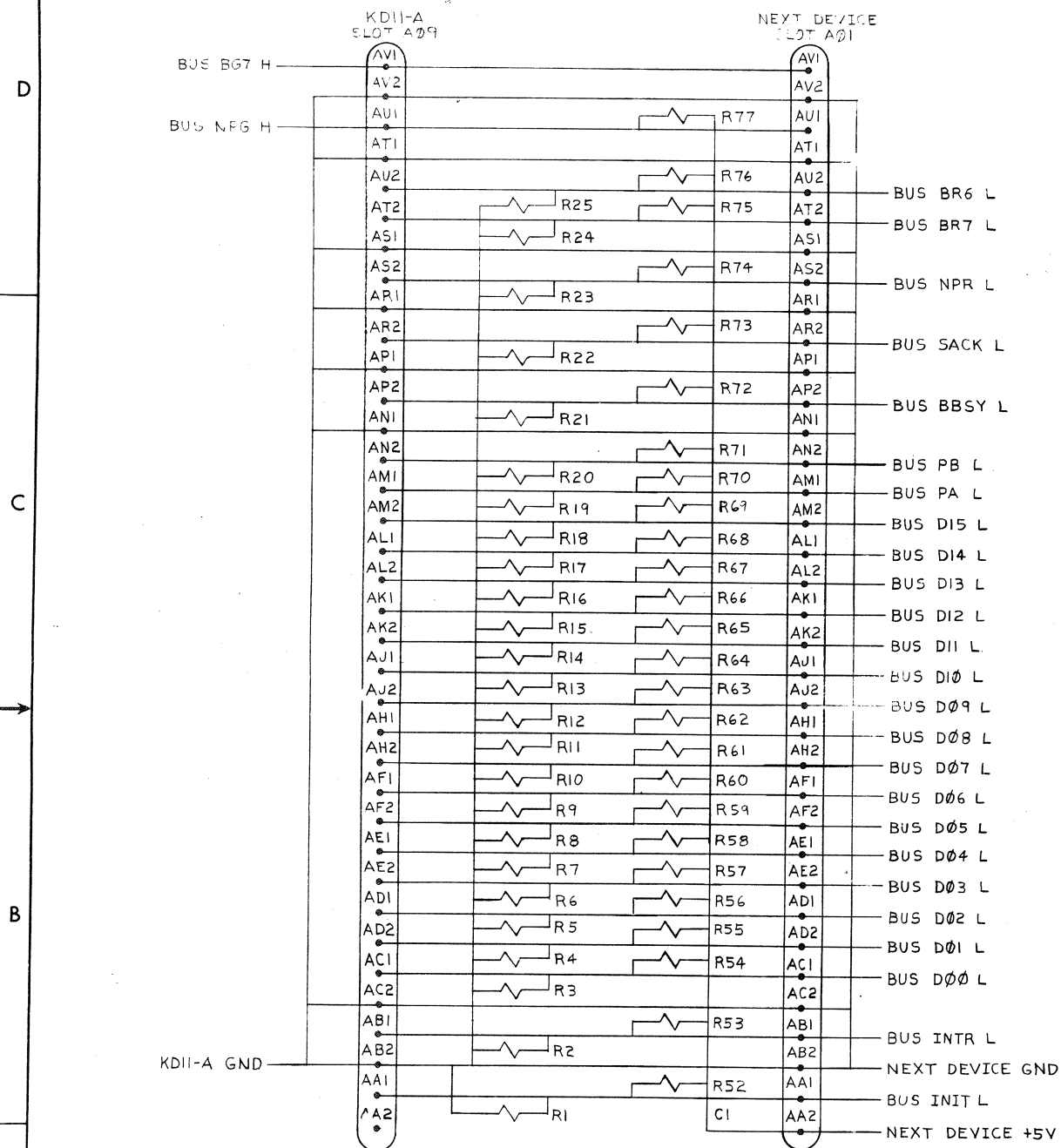
| REV | CHG        | NO. | DATE    | BY            |
|-----|------------|-----|---------|---------------|
| 1   | ORIGINATED | E   | 6/28/73 | J. O'LOUGHLIN |
| 2   | CHANGED    | F   | 6/28/73 | J. O'LOUGHLIN |
| 3   | CHANGED    | F   | 6/28/73 | J. O'LOUGHLIN |
| 4   | CHANGED    | F   | 6/28/73 | J. O'LOUGHLIN |
| 5   | CHANGED    | F   | 6/28/73 | J. O'LOUGHLIN |
| 6   | CHANGED    | F   | 6/28/73 | J. O'LOUGHLIN |
| 7   | CHANGED    | F   | 6/28/73 | J. O'LOUGHLIN |
| 8   | CHANGED    | F   | 6/28/73 | J. O'LOUGHLIN |
| 9   | CHANGED    | F   | 6/28/73 | J. O'LOUGHLIN |
| 10  | CHANGED    | F   | 6/28/73 | J. O'LOUGHLIN |

SEMICONDUCTOR CONVERSION CHART

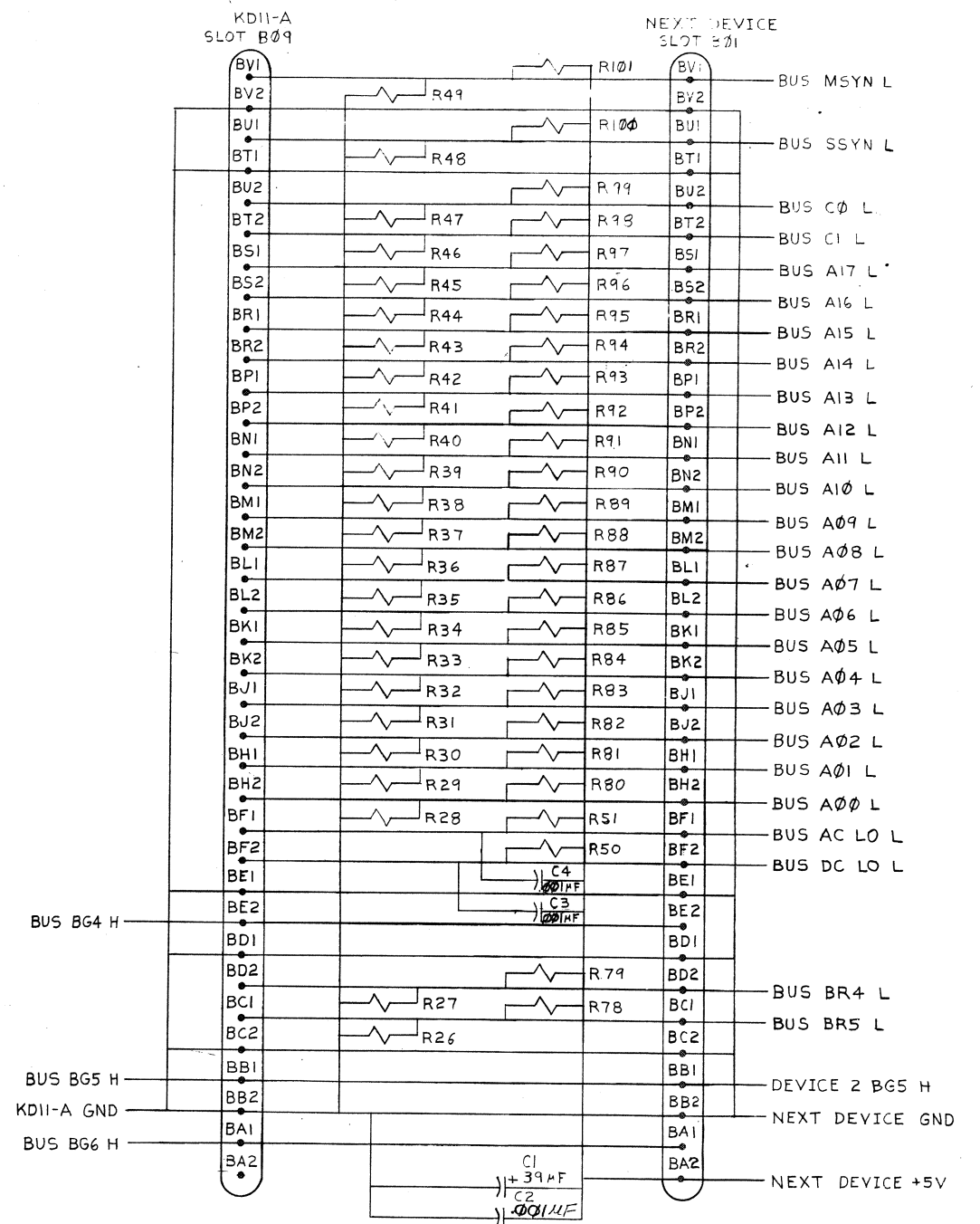
|      |         |
|------|---------|
| DATE | 3/13/73 |
| DATE | 7/14/72 |
| DATE | 7/14/72 |
| DATE | 7/14/72 |
| DATE | 7/14/72 |
| DATE | 7/14/72 |
| DATE | 7/14/72 |
| DATE | 7/14/72 |
| DATE | 7/14/72 |
| DATE | 7/14/72 |

|                                                         |                       |
|---------------------------------------------------------|-----------------------|
| digital EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS |                       |
| TITLE<br>INTERNAL UNIBUS<br>AND TERMINATOR              |                       |
| SIZE CODE<br>D/C S                                      | NUMBER<br>5409764-0-1 |
| REV.<br>H                                               | ITEM NO.              |

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NOTE:  
RESISTOR VALUES ARE:  
R1 THRU R51 ARE 383 $\Omega$   
R52 THRU R101 ARE 178 $\Omega$



| FIRST USED ON OPTION/MODEL                                      |  | QTY.              | DESCRIPTION | PART NO.                                                | ITEM NO. |
|-----------------------------------------------------------------|--|-------------------|-------------|---------------------------------------------------------|----------|
| KD11-A                                                          |  |                   |             |                                                         |          |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSION IN INCHES<br>TOLERANCES |  | DRN               | DATE        | PARTS LIST                                              |          |
| DECIMALS                                                        |  | CHK               | DATE        | digital EQUIPMENT CORPORATION<br>MAYNARD, MASSACHUSETTS |          |
| ANGLES                                                          |  | ENG               | DATE        | TITLE                                                   |          |
| .XXX = .005                                                     |  | PROJ              | DATE        | INTERNAL UNIBUS<br>AND TERMINATOR                       |          |
| .XX = .02                                                       |  | DATE              | DATE        | NUMBER                                                  |          |
| X = .1                                                          |  | DATE              | DATE        | REV.                                                    |          |
| REMOVE BURRS AND BREAK SHARP<br>CORNERS SURFACE QUALITY         |  | DATE              | DATE        | D CS 5409764-0-1                                        |          |
| MATERIAL                                                        |  | NEXT HIGHER ASSY. |             | H                                                       |          |
| FINISH                                                          |  | D-VA-M981-0-0     |             | SCALE NONE                                              |          |
|                                                                 |  | SHEET 2 OF 2      |             | DIST.                                                   |          |