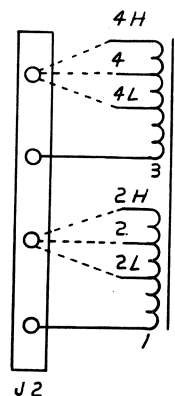


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# NOTES:

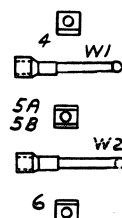
- F2=6 1/4 AMP SB FOR 125V/60 CYCLE OPERATION. USE LITTEL FUSE P/N 3136-25. F2=4 AMP SB FOR 250 V/50 CYCLE OPERATION.
- ALL 5 TRANSISTORS, Q5 - Q8, Q10 ARE TO HAVE #10 AWG TUBING, 3/16" LONG, ON 4-40 SCREWS THAT HOLD TRANSISTORS TO HEAT-SINK.
- THERMAL COMPOUND TO BE APPLIED BETWEEN HEAT SINK AND DIODES D9, D11 D12, Q5-Q8, Q10, AND D15.
- USE ONLY BUSS SLO-BLOW FUSE MDX5 PART #9009791.
- INSTALL #4 LOCKWASHERS (ITEM 107) UNDER THE HEAD OF ALL SCREWS USED TO SECURE Q5-Q8 AND Q10. TORQUE HARDWARE TO 5.5 IN. LBS. PART #9008033-1 SHOULD BE USED IN PLACE OF ITEM 18 (9006013-1) ON Q5, Q6, Q7, Q8 AND Q10 TRANSISTORS HAVING EXTRA THICK FLANGES.

| VOLTAGE RANGE 50-60 CPS  | TRANSFORMER PRIMARY TAPS |
|--------------------------|--------------------------|
| 95 TO 105<br>195 TO 210  | 1 AND 2L; 3 AND 4L       |
| 105 TO 120<br>210 TO 240 | 1 AND 2; 3 AND 4         |
| 120 TO 132<br>240 TO 264 | 1 AND 2H; 3 AND 4H       |



SEE NOTE 1

| VOLTAGE (NOMINAL) INPUT | W1 CONN | W2 CONN |
|-------------------------|---------|---------|
| 115V 50-60 CPS          | 4       | 6       |
| 230V 50-60 CPS          | 5A      | 5B      |



|                                                                            |     |     |
|----------------------------------------------------------------------------|-----|-----|
| 75451                                                                      | 4   | 8   |
| IC TYPE                                                                    | QND | +5V |
| QND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPT WHERE STATED ABOVE |     |     |
| IC PIN LOCATIONS                                                           |     |     |

|     |                     |                           |            |     |     |                              |                               |            |    |
|-----|---------------------|---------------------------|------------|-----|-----|------------------------------|-------------------------------|------------|----|
| 3   | R37,R26,R44         | RES 1K POT                | 1309150-03 | 55  | REF | X-Y COORDINATE HOLE LOCATION | K-CO-5H122420-4               | 1          |    |
| 2   | R39,R63             | RES 56 1/4 W 5%           | 1302602    | 56  | REF | ASSY/DRILLING HOLE LAYOUT    | D-AH-5H122420-5               | 2          |    |
| 2   | R38,R47             | RES 2.4 K 1/4 W 5%        | 1303177    | 57  | REF | MODULE ECO HISTORY           | B-MH-5H122420-6               | 3          |    |
| 1   | R45                 | RES 2.74 K 1/4 W 1%       | 1304868    | 58  | 1   | ETCHED CIRCUIT BOARD         | 5012241                       | 4          |    |
| 3   | R41,R50,R32         | RES 1 2W 5% WW            | 1305428    | 59  | 6   | EYELET                       | 9009000                       | 5          |    |
| 1   | R51                 | RES 10K 1/4 W 5%          | 1300479    | 60  | 20  | FUSE CLIP                    | 9009513                       | 6          |    |
| 1   | R54                 | RES 8.2K 1/4 W 5%         | 1303179    | 61  | 2   | TERMINAL                     | 9007970                       | 7          |    |
| 3   | R49,R58,R61         | RES 750 1/4 W 5%          | 1301401    | 62  | 2   | EYELET                       | 9006746                       | 8          |    |
| 1   | R57                 | RES 5K POT                | 1309150-4  | 63  | 2   | TRANSIPAD                    | 9007200                       | 9          |    |
| 1   | R59                 | RES 500 POT 1/2 W 10%     | 1309150-8  | 64  | 1   | HEAT SINK                    | 1210001                       | 10         |    |
| 1   | R62                 | RES 330 1/4 W 5%          | 1300295    | 65  | 3   | SPACER ROUND FIBRE           | 9007614                       | 11         |    |
| 3   | R66,R65,R64         | RES .03 5W 3%             | 1310876-01 | 66  | 3   | NUT, HEX #6-32               | 9008957                       | 12         |    |
| 2   | R65,R64             | RES .05 5W 3%             | 1310876-02 | 67  | 3   | SCREW PAN HD #6-32 x 7/8     | 9006027-1                     | 13         |    |
| 5   | R21,R28,R35,R48,R67 | RES 100 1/4 W 5%          | 1300229    | 68  | 3   | SCREW PAN, HD #6-32 x 5/8    | 9006025-1                     | 14         |    |
| 1   | R69                 | RES 10 10W 10%            | 1300173    | 69  | 5   | WASHER, INSULATOR            | 9006721                       | 15         |    |
| 3   |                     | WASHER, LOCK, INTERNAL    | 9006633    | 70  | A/R | COMPOUND THERMAL             | 9008268                       | 16         |    |
| 4   |                     | SPACER, ROUND FIBRE #6-32 | 9009556    | 71  | 10  | KEP NUT #4-40                | 9006557                       | 17         |    |
| 3   |                     | SCREW PAN HD #6-32 x 1/4  | 9006020-1  | 72  | 10  | SEE NOTE 5                   | SCREW PAN HD #4-40 x 1/2      | 9006013-1  | 18 |
| 1   | Q5                  | TRANSISTOR 2N5302         | 1510196    | 73  | A/R | WIRE, STRANDED 18 AWG        | 9107360-66                    | 19         |    |
| 4   | Q6,Q7,Q8,Q10        | TRANSISTOR 2N3055         | 1505819    | 74  | 1   | BRACKET                      | D-7A-7H1387-0-0               | 20         |    |
| 2   | Q11,Q12             | TRANSISTOR 2N2904A        | 1501913    | 75  | 1   | HEAT SINK                    | C-7A-7H1387-0-0               | 21         |    |
| 3   | D15,D22,D26         | SCR 2N4441                | 1505867    | 76  | 1   | HEAT SINK                    | C-7A-7H1647-0-0               | 22         |    |
| 3   | E1,E2,E3            | I.C. DEC 723              | 1910415    | 77  | 1   | RELAY SOCKET                 | 1210684                       | 23         |    |
| 1   | E4                  | I.C. LM304                | 1911555    | 78  | 52  | PIN, PC                      | 1209456-1                     | 24         |    |
| 1   | E5                  | I.C. DEC 75451            | 1910406    | 79  | 1   | C1                           | CAP .02UF 1000V 20% DUAL DISC | 1010767    | 25 |
| 3   | W2,W3,W4            | JUMPER INSULATED (.4)     | 9009185    | 80  | 1   | C5                           | CAP 1UF 35V 10% TANT          | 1001776    | 26 |
| 1   | F2                  | FUSE 6 1/4 A SB           | 9007223    | 81  | 6   | C6,C8,C13,C18,C20,C22        | CAP 47UF 20V 10% TANT         | 1004814    | 27 |
| 1   | F2                  | FUSE 4A SB                | 9007220    | 82  | 2   | C9,C10                       | CAP .22UF 50V 20% +80% CER    | 1010274    | 28 |
| 1   | F4                  | FUSE 15A SB               | 9007227    | 83  | 2   | C17,C19                      | CAP .01UF 100V 20% DISC       | 1001610-1  | 29 |
| 1   | F5                  | FUSE 3.0A SB              | 9007218    | 84  | 2   | C11,C15                      | CAP 10UF 35V 10% TANT         | 1001476    | 30 |
| 2   | F6,F7               | FUSE 20A                  | 9008835    | 85  | 2   | C12,C16                      | CAP 820PF 100V 5% DM          | 1000027    | 31 |
| 2   | F8,F9               | FUSE 5A SB                | 9007222    | 86  | 2   | C21,C24                      | CAP 1000PF 100V 5% DM         | 1000042    | 32 |
| 2   | F11,F10             | FUSE 3/4 A                | 9007210    | 87  | 4   | D8,D17,D21,D25               | DIODE DG70-1                  | 1102162    | 33 |
| 3   | F13,F14,F12         | FUSE 15A (AXIAL LEAD)     | 1210929    | 88  | 2   | D9,D11                       | DIODE NSS 3514                | 1110714    | 34 |
| 1   | F1                  | FUSE 5A SB (BUSS MDX5)    | 9009791    | 89  | 4   | D10,D18,D19,D27              | DIODE, A15B 5624              | 1110420    | 35 |
| 1   | K2                  | RELAY                     | 1210683    | 90  | 1   | D16                          | DIODE 1N469A 5.8V ZENER       | 1100120    | 36 |
| 2   | L1,L2               | INDUCTOR 12 UH            | 1603358    | 91  | 1   | D20                          | DIODE 1N756A ZENER 8.2V 5%    | 1103441    | 37 |
| 6   |                     | WASHER NYLON              | 9006707    | 92  | 1   | D23                          | DIODE 1N964B ZENER 13V 5%     | 1109988    | 38 |
| 3   |                     | WASHER LOCK               | 9007801    | 93  | 1   | D24                          | DIODE 1N4004                  | 1105796    | 39 |
| 2   |                     | ROLL PIN 1" LONG          | 9009372    | 94  | 1   | J1                           | CONN 4 PIN                    | 1209350-4  | 40 |
| 8   |                     | SPLIT LUG                 | 9006735    | 95  | 2   | J2,J3                        | CONN, 15 PIN                  | 1209350-15 | 41 |
| 1   | W1 (F15 LOCATION)   | WIRE, BUSS, 22 AWG.       | 9107560-01 | 96  | 2   | J4,J5                        | CONN, 9 PIN                   | 1209350-9  | 42 |
| 5   | 1 THRU 4,6          | TAB FASTON                | 9008219    | 97  | 1   | R1                           | RES 100 1W 5%                 | 1300232    | 43 |
| 1   |                     | TAB FASTON                | 9007113    | 98  | 3   | R9,R27,R36                   | RES 1K 1/4 W 5%               | 1300365    | 44 |
| 1   |                     | HEAT SINK                 | 1210907    | 99  | 2   | R10,R11                      | RES 390 2W 5%                 | 1301864    | 45 |
| 1   |                     | WASHER, FLAT              | 9006653    | 100 | 2   | R12,R13                      | RES 1K 2W 5%                  | 1301952    | 46 |
| 1   |                     | SCR, PAN HD #6-32 X 1/2   | 9006024-1  | 101 | 3   | R42,R46,R52                  | RES 27 1/4 W 5%               | 1301522    | 47 |
| 1   |                     | NUT, KEPS                 | 9008185    | 102 | 4   | R22,R43,R53,R68              | RES 680 1/4 W 5%              | 1301424    | 48 |
| A/R |                     | TUBING, #10AWG 3/16 LG    | 9107302-11 | 103 | 2   | R24,R40                      | RES 2.7K 1/4 W 5%             | 1300426    | 49 |
| 1   |                     | RES 47 1/4 W 5%           | 1300202    | 104 | 1   | R25                          | RES 220 1/4 W 5%              | 1300271    | 50 |
| A/R |                     | CLEAR TUBING INSULATION   | 9107256    | 105 | 2   | R29,R40                      | RES 470 1/4 W 5%              | 1300316    | 51 |
| 1   | D12                 | DIODE (UNITRODE)          | 1113889-0  | 106 | 1   | R30                          | RES 30K 1/4 W 5%              | 1302394    | 52 |
| 10  |                     | LOCKWASHER #4INT          | 9006632    | 107 | 2   | R31,R55                      | RES 12K 1/4 W 5%              | 1300488    | 53 |
| A/R |                     | WIRE, 30GA SOLID          | 9105740-55 | 108 | 1   | R23                          | RES 5.6K 1/4 W                | 1301874    | 54 |

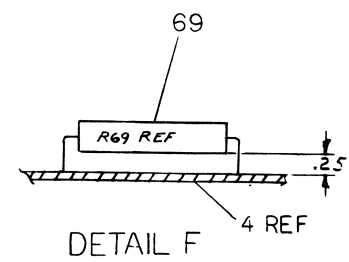
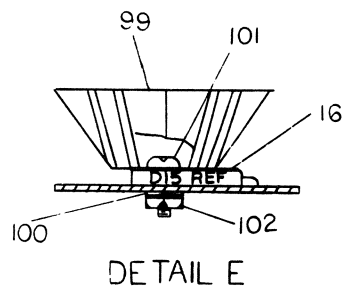
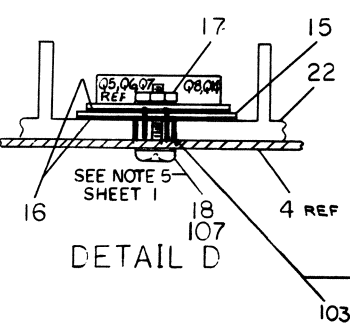
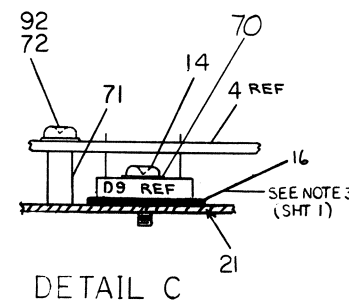
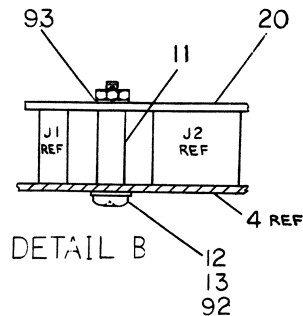
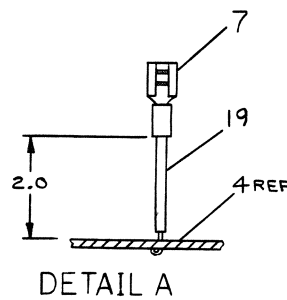
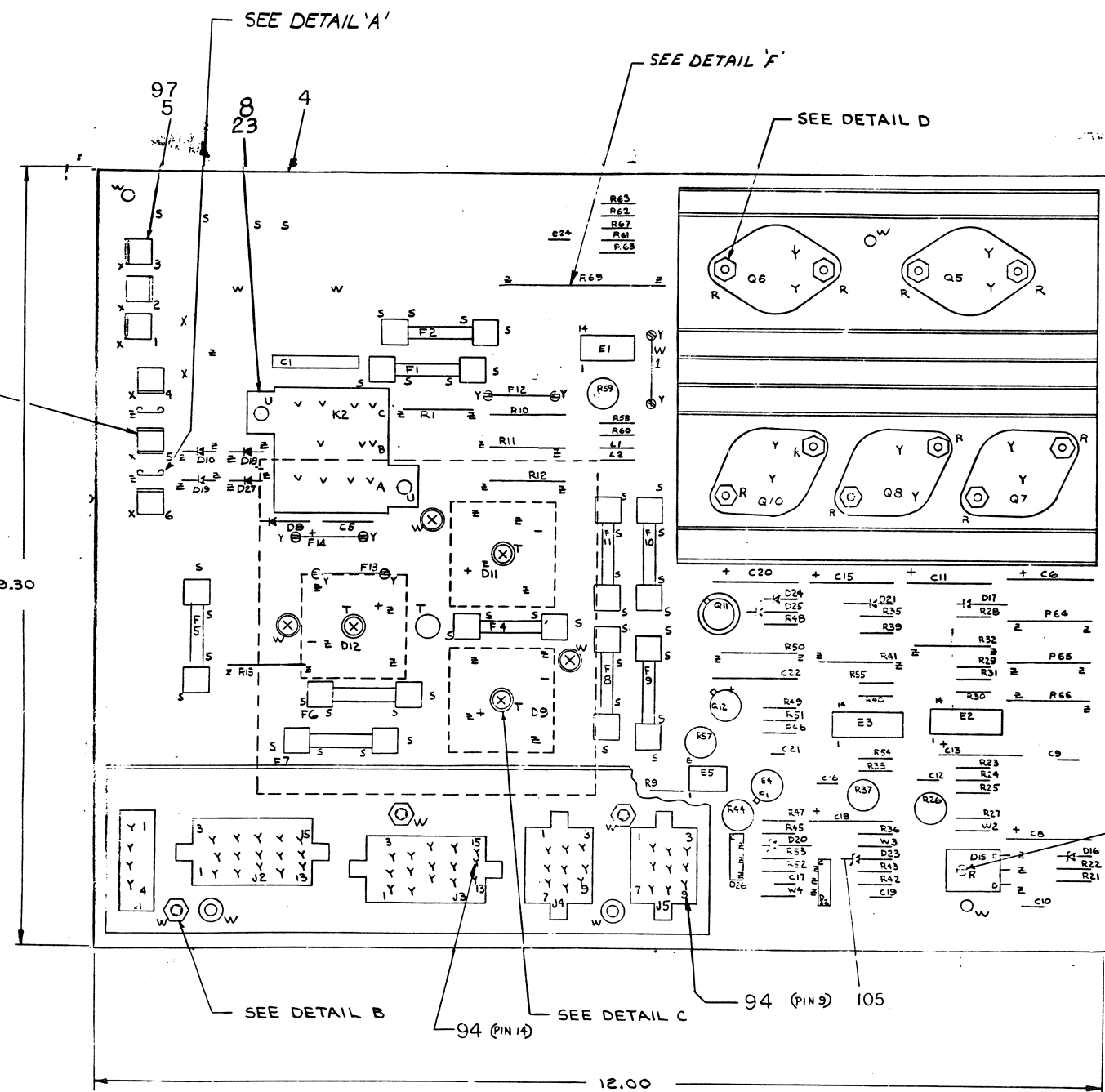
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| FIRST USED ON OPTION MODEL     |  | QTY     |  | REF. DESIGNATION |  | DESCRIPTION |  | PART NO.    |  | ITEM NO. |  |
| T1J16                          |  |         |  |                  |  |             |  |             |  |          |  |
| ETCH BOARD REV.                |  | A       |  |                  |  |             |  |             |  |          |  |
| DRN.                           |  | DATE    |  | TITLE            |  | SIZE CODE   |  | NUMBER      |  | REV.     |  |
| CHK'D                          |  | DATE    |  | TUI6             |  | D CS        |  | 5412242-0-1 |  | J        |  |
| ENGR.                          |  | DATE    |  | POWER SUPPLY     |  |             |  |             |  |          |  |
| PROJ. ENGR.                    |  | DATE    |  |                  |  |             |  |             |  |          |  |
| PROD.                          |  | DATE    |  |                  |  |             |  |             |  |          |  |
| NEXT HIGHER ASSY               |  | DATE    |  |                  |  |             |  |             |  |          |  |
| SCALE                          |  | 1 OF 3  |  |                  |  |             |  |             |  |          |  |
| SHEET                          |  |         |  |                  |  |             |  |             |  |          |  |
| SEMICONDUCTOR CONVERSION CHART |  |         |  |                  |  |             |  |             |  |          |  |
| DEC NO.                        |  | EIA NO. |  | DEC NO.          |  | EIA NO.     |  |             |  |          |  |
|                                |  |         |  |                  |  |             |  |             |  |          |  |

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DCS 5412242-0-1 2

D  
C  
B  
A

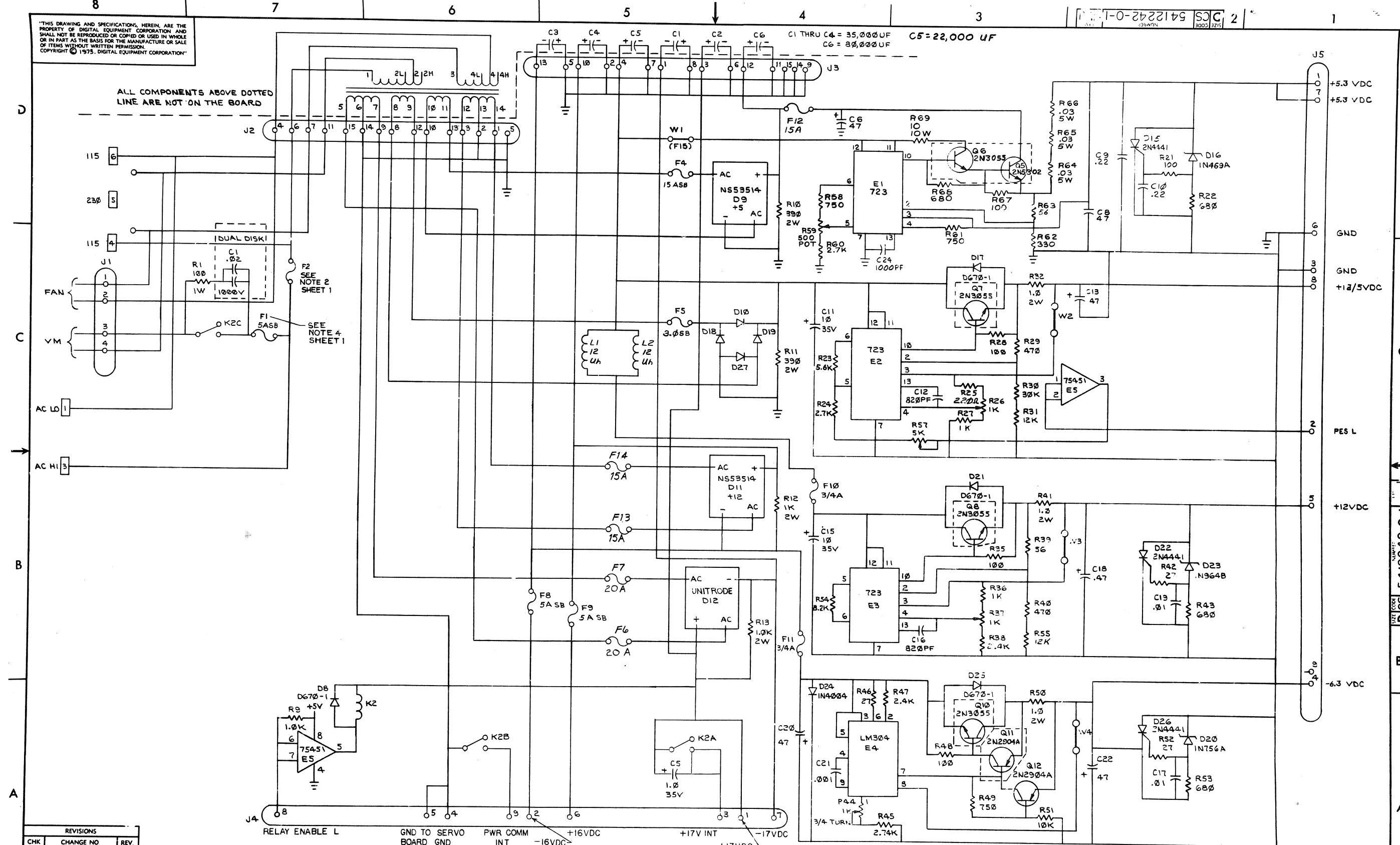
D  
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A



| REVISIONS |            |      |
|-----------|------------|------|
| CHK       | CHANGE NO. | REV. |
|           |            |      |

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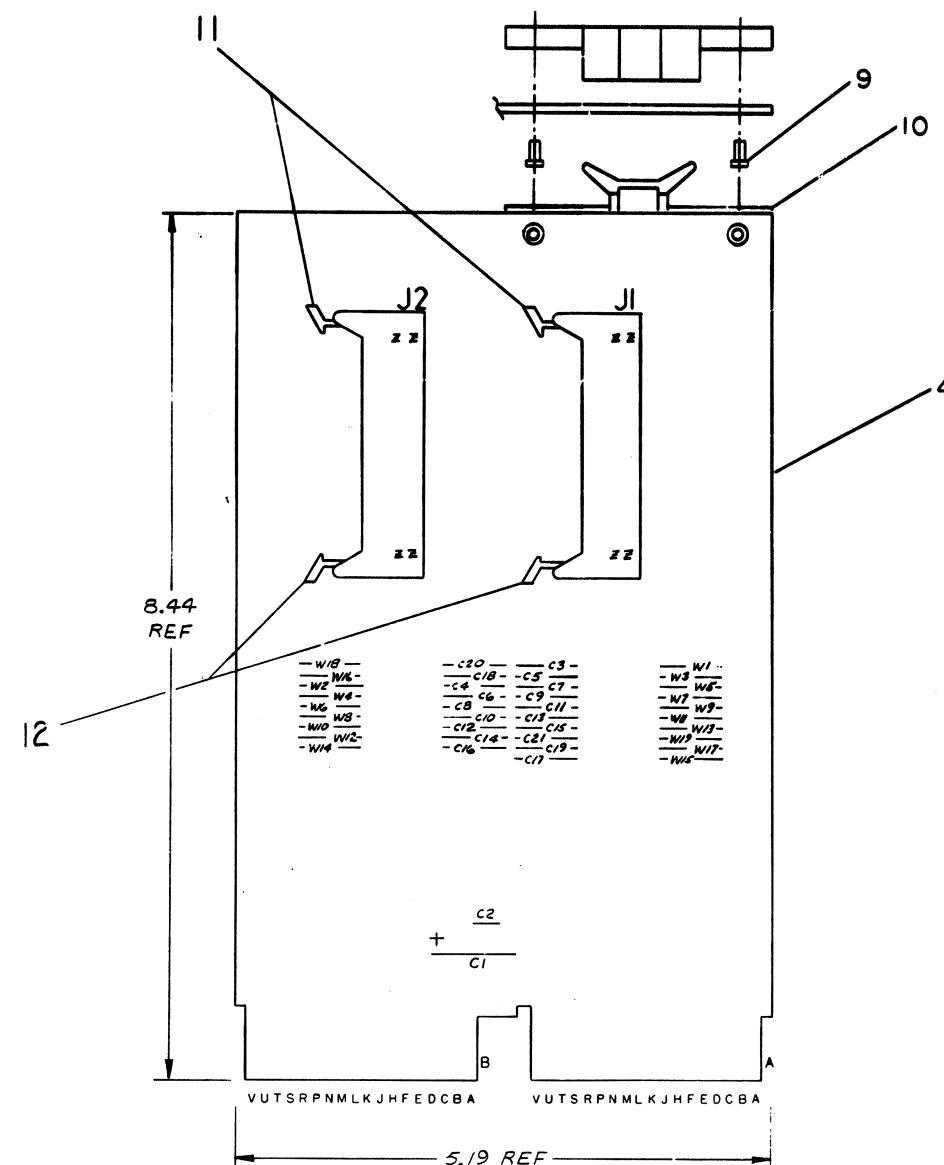
ALL COMPONENTS ABOVE DOTTED LINE ARE NOT ON THE BOARD



| REVISIONS |           |     |
|-----------|-----------|-----|
| CHK       | CHANGE NO | REV |
|           |           |     |

|                   |  |              |      |             |      |
|-------------------|--|--------------|------|-------------|------|
| TITLE             |  | SIZE         | CODE | NUMBER      | REV. |
| TUI6 POWER SUPPLY |  | D            | CS   | 5412242-0-1 |      |
| SCALE             |  | SHEET 3 OF 3 |      | DIST.       |      |

**NOTES:**



| REF |             | DESCRIPTION                  | QTY            |
|-----|-------------|------------------------------|----------------|
| REF |             | X-Y COORDINATE HOLE LOCATION | K-CO-M9001-0-4 |
| REF |             | ASSY/DRILLING HOLE LAYOUT    | D-AH-M9001-0-5 |
| REF |             | MODULE ECO HISTORY           | B-MH-M9001-3-6 |
| 1   |             | ETCHED CIRCUIT BOARD         | 5010465        |
| 20  | C2 THRU C21 | CAP .01UF 100V 20% AXIAL     | 1001610        |
| 1   | C1          | CAP 6.8UF 35V 10% TANT       | 1005306        |
| 19  | W1 THRU W19 | JUMPER, INSULATED WIRE       | 9009185        |
| 2   | U1, U2      | CONN, 40 PIN                 | 1209941-2      |
| 4   |             | EYELET                       | 9006732        |
| 2   |             | HANDLE FLIP-CHIP MAGENTA     | 9008337-6      |
| 2   |             | LATCH, LEFT                  | 1209941-3      |
| 2   |             | LATCH, RIGHT                 | 1209941-4      |

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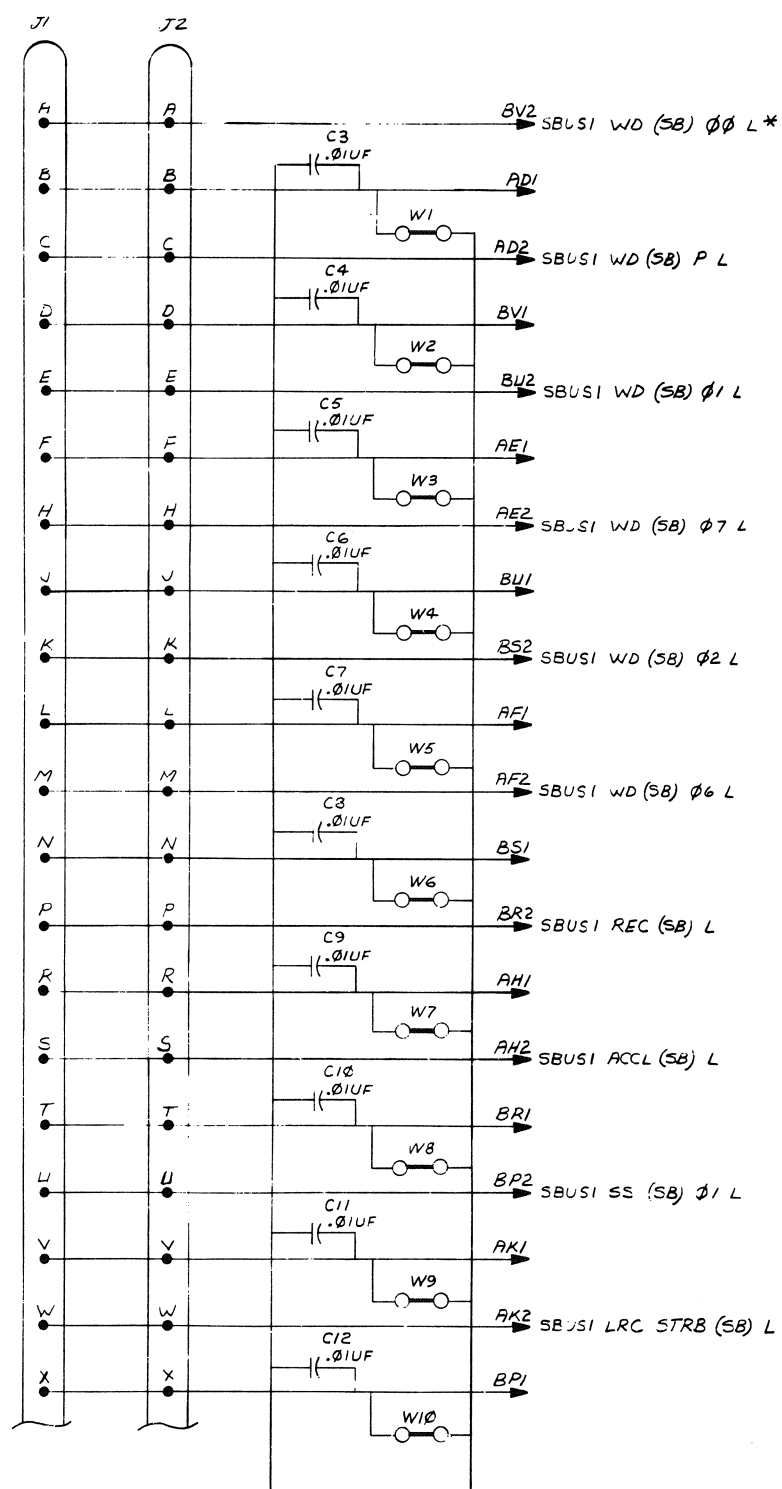
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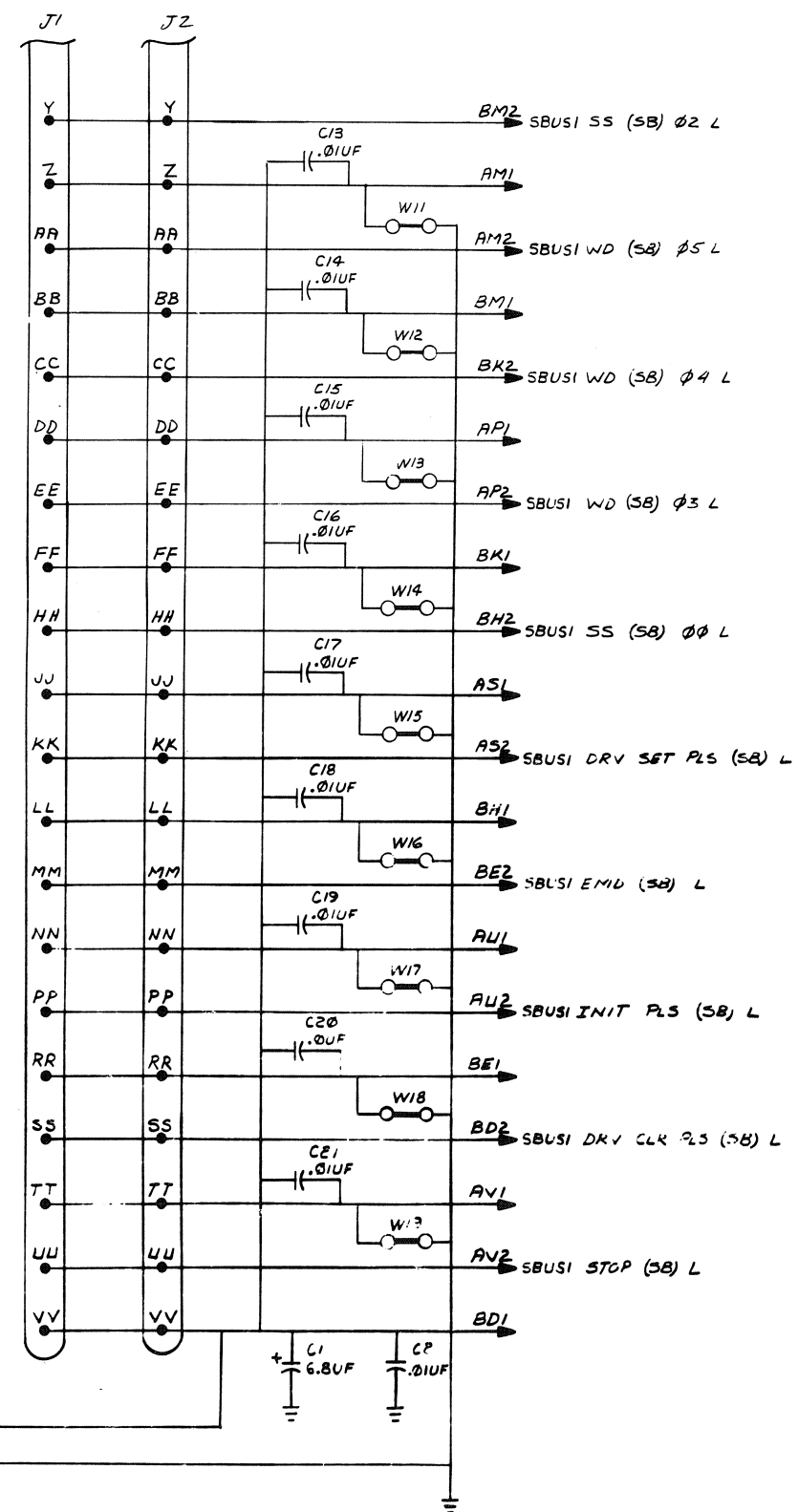
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1-0-1006W DCS 2



\* NOTE: ALL SIGNALS ORIGINATE IN TM02.



| REVISIONS |           |     |
|-----------|-----------|-----|
| HK        | CHANGE NO | REV |

TITLE GEN PURPOSE CARD (A & B)

SIZE CODE DCS NUMBER M9001-0-1 REV. C

SCALE 1:1 SHEET 2 OF 2

8

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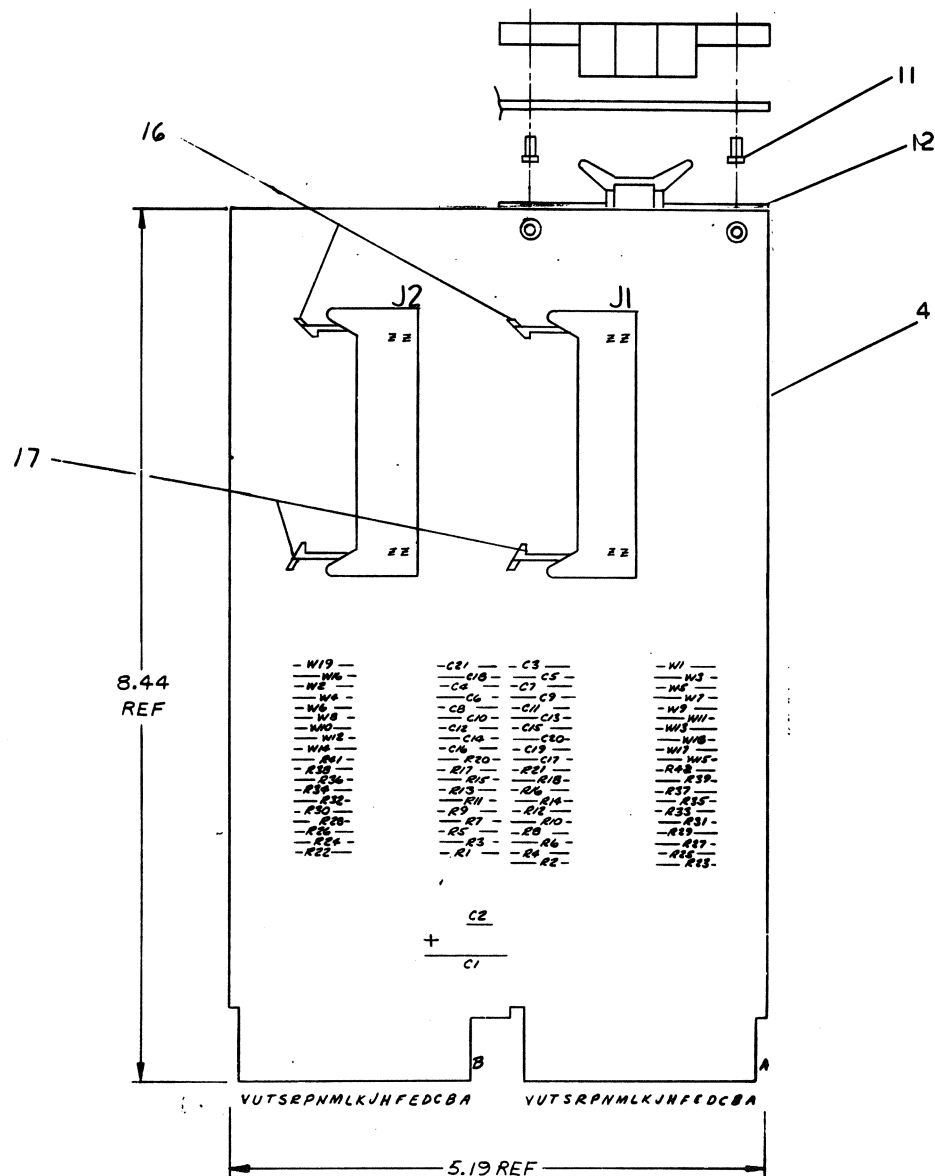
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# NOTES:



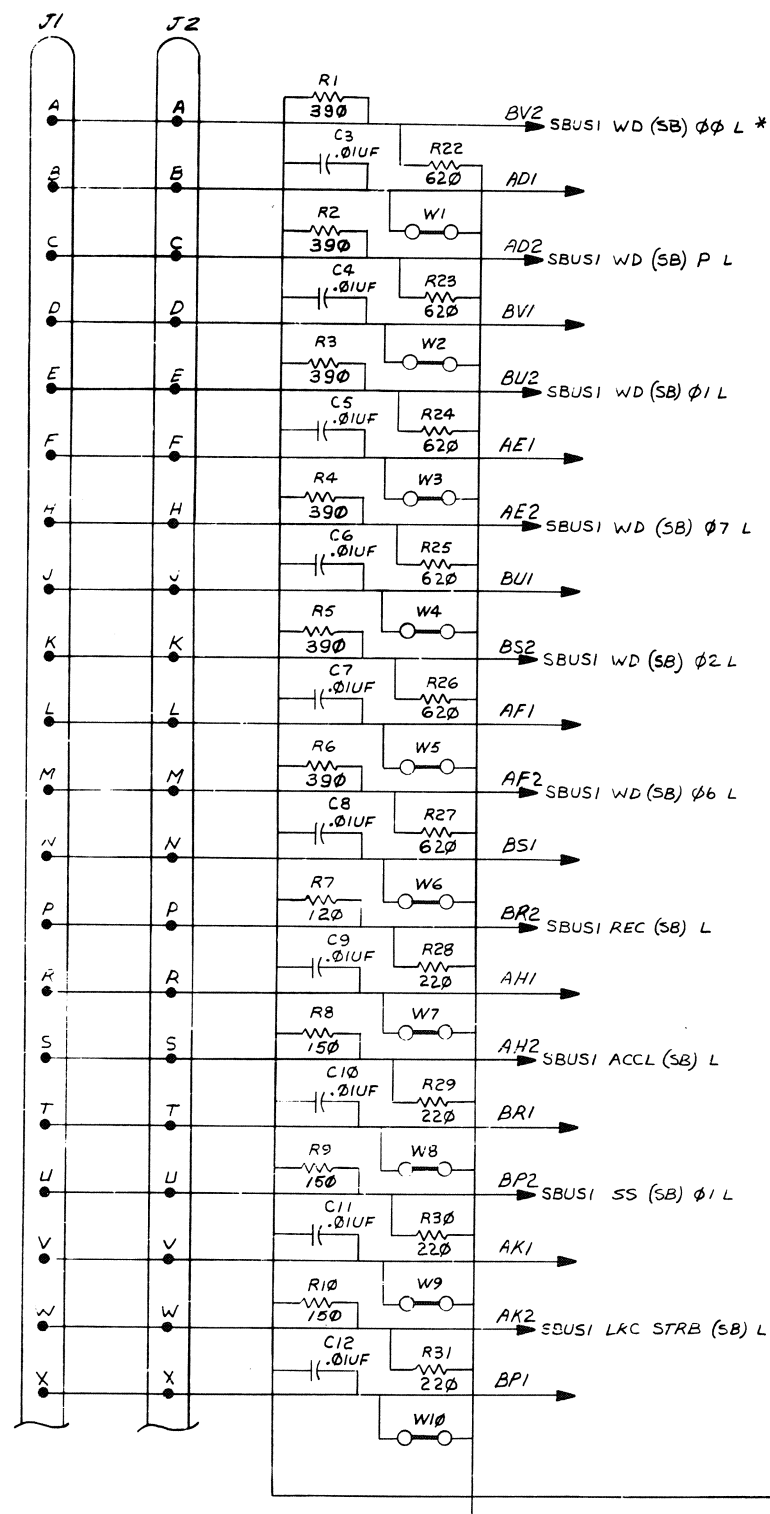
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|--------------------------------------------------------------------------------|-----|------|
| IC TYPE                                                                        | GND | + 5V |
| GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS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

|                               |                              |                 |    |
|-------------------------------|------------------------------|-----------------|----|
| REF                           | X-Y COORDINATE HOLE LOCATION | K-CO-M9001-0-4  | 1  |
| REF                           | ASSY/DRILLING HOLE LAYOUT    | D-AH-M9001-YB-5 | 2  |
| REF                           | MODULE ECO HISTORY           | B-MH-M9001-YB-6 | 3  |
| 1                             | ETCHED CIRCUIT BOARD         | 5010465         | 4  |
| 20 C2 THRU C21                | CAP .01UF 100V AXIAL         | 1001610         | 5  |
| 1 C1                          | CAP 6.8UF 35V 10% TANT       | 1005306         | 6  |
| 5 R7, R16, R17, R18, R20      | RES. 120 1/4W 5%             | 1300247         | 7  |
| 11 R28-R32, R36-R38, R41, R42 | RES. 220 1/4W 5%             | 1300271         | 8  |
| 19 W1 THRU W19                | JUMPER, INSULATED WIRE       | 9009185         | 9  |
| 2 J1, J2                      | CONN, 40 PIN                 | 1209941-2       | 10 |
| 4                             | EYELET                       | 9006732         | 11 |
| 2                             | HANDLE, FLIP-CHIP, MAGENTA   | 9008337-6       | 12 |
| 6 R8-R11, R15, R21            | RES. 150, 1/4w, 5%           | 1300250         | 13 |
| 9 R1-R6, R12-R14              | RES. 390, 1/4w 5%            | 1300309         | 14 |
| 9 R22-R27, R33-R35            | RES. 620, 1/4w 5%            | 1303178         | 15 |
| 2                             | CONNECTOR LATCH, LEFT        | 1209941-3       | 16 |
| 2                             | CONNECTOR LATCH, RIGHT       | 1209941-4       | 17 |

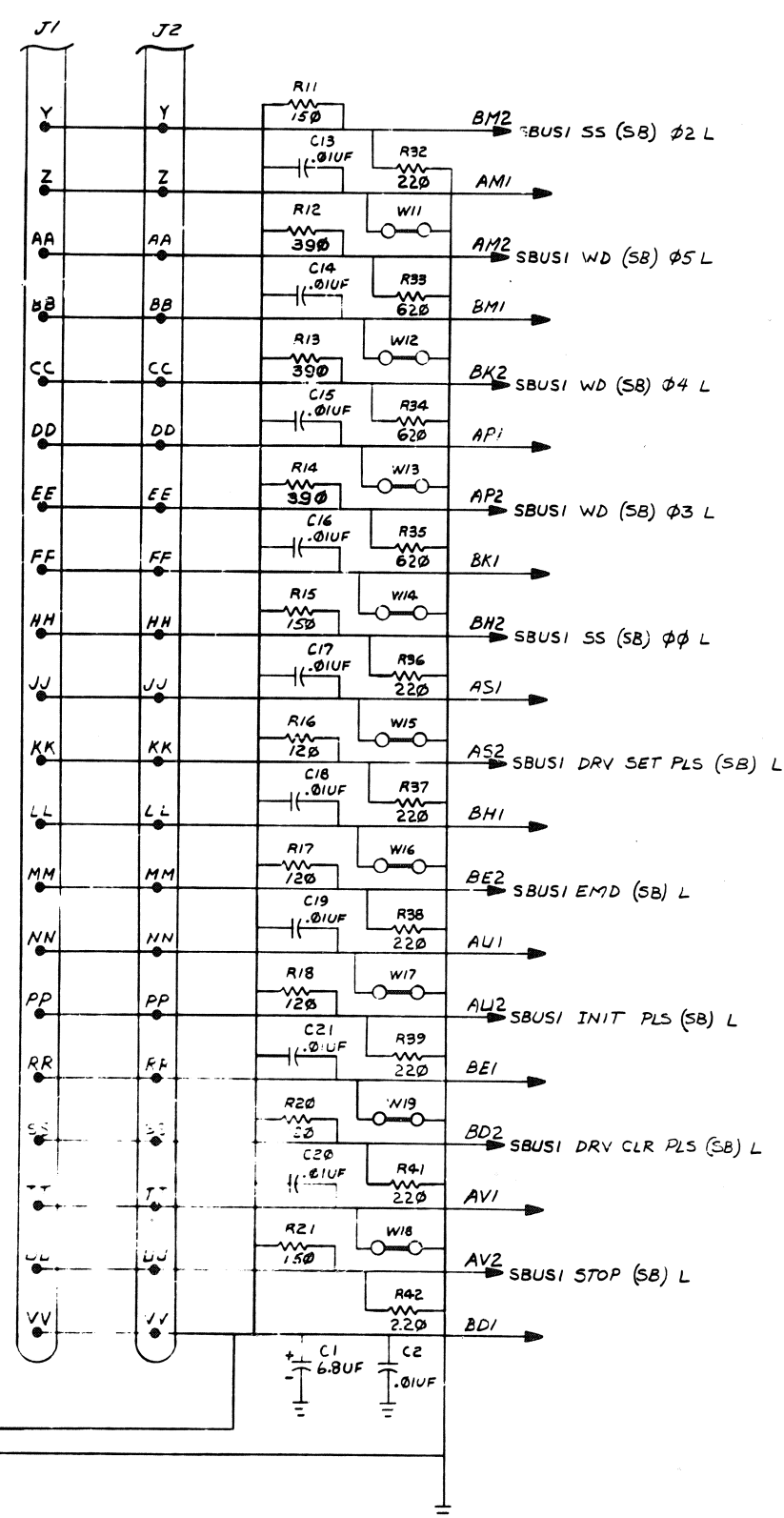
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| FIRST USED ON OPTION MODEL     |         | TU16    |         | ETCH BOARD REV                                                                                       |   | C  |   | PARTS LIST |   |
| DEC NO.                        | EIA NO. | DEC NO. | EIA NO. | SCALE                                                                                                | 1 | OF | 2 | SHEET      | 1 |
| SEMICONDUCTOR CONVERSION CHART |         |         |         | digital EQUIPMENT CORPORATION<br>TITLE: GEN PURPOSE CARD (A & B)<br>NUMBER: DCS M9001-YB-1<br>P.V. C |   |    |   |            |   |

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1-81-006M DCS 2



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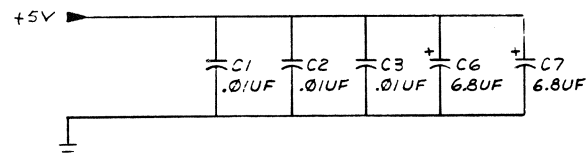
TITLE GEN PURPOSE CARD (A & B)

SIZE CODE DCS NUMBER M9001-YB-1 REV. C

SCALE SHEET 2 OF 2

| REVISIONS |           |     |
|-----------|-----------|-----|
| CHK       | CHANGE NO | REV |
|           |           |     |

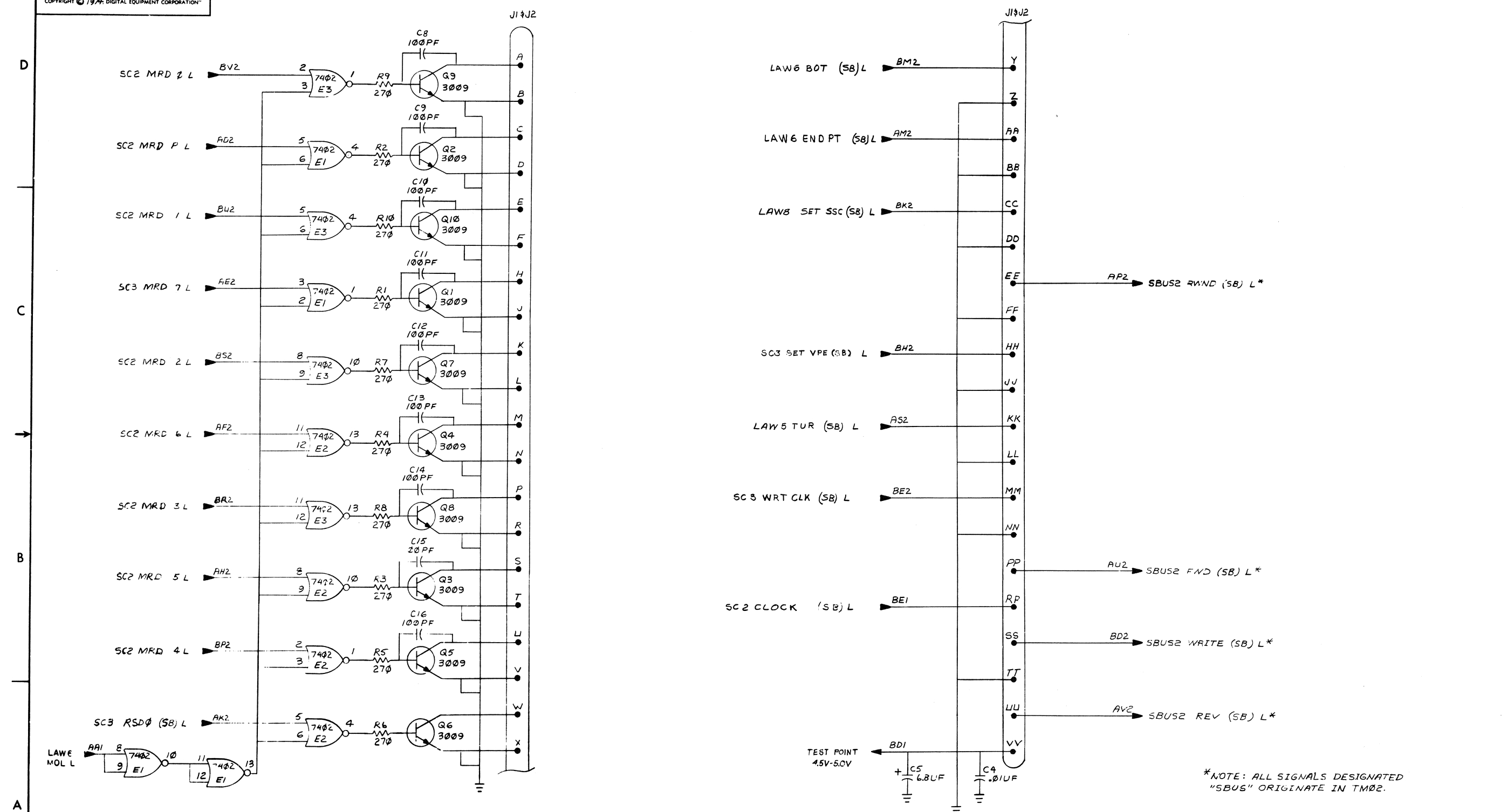
**NOTES:**



|                |         |         |    |
|----------------|---------|---------|----|
| <i>G. Jack</i> | 6-27-76 | H. DRAB | A. |
| <i>M. J.</i>   | 6-28-76 | H. DRAB | A. |
| <i>F. J.</i>   | 6-29-76 | H. DRAB | A. |
| <i>G. Jack</i> | 7-1-76  | H. DRAB | A. |
| <i>J. H.</i>   | 7-2-76  | H. DRAB | A. |
| <i>R. P.</i>   | 7-3-76  | H. DRAB | A. |
| <i>J. H.</i>   | 7-4-76  | H. DRAB | A. |
| <i>R. P.</i>   | 7-5-76  | H. DRAB | A. |
| <i>J. H.</i>   | 7-6-76  | H. DRAB | A. |
| <i>R. P.</i>   | 7-7-76  | H. DRAB | A. |
| <i>J. H.</i>   | 7-8-76  | H. DRAB | A. |
| <i>R. P.</i>   | 7-9-76  | H. DRAB | A. |
| <i>J. H.</i>   | 7-10-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-11-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-12-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-13-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-14-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-15-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-16-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-17-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-18-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-19-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-20-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-21-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-22-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-23-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-24-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-25-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-26-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-27-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-28-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-29-76 | H. DRAB | A. |
| <i>J. H.</i>   | 7-30-76 | H. DRAB | A. |
| <i>R. P.</i>   | 7-31-76 | H. DRAB | A. |

|                |                 |                  |      |                                                                                                                                                                                                                                                                  |         |
|----------------|-----------------|------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| QTY            | REF DESIGNATION | DESCRIPTION      |      | PART NO                                                                                                                                                                                                                                                          | ITEM NO |
| PARTS LIST     |                 |                  |      |                                                                                                                                                                                                                                                                  |         |
| ETCH BOARD REV | B               |                  |      |                                                                                                                                                                                                                                                                  |         |
|                |                 | DRN              | DATE | <div style="border: 1px solid black; padding: 5px; display: inline-block;">digital</div> <div style="display: inline-block; vertical-align: top; margin-left: 10px;">             EQUIPMENT<br/>CORPORATION<br/><small>MANUFACTURED IN THE U.S.A.</small> </div> |         |
|                |                 | CHK'D            | DATE |                                                                                                                                                                                                                                                                  |         |
|                |                 | ENG.             | DATE |                                                                                                                                                                                                                                                                  |         |
|                |                 | PROJ. ENG.       | DATE |                                                                                                                                                                                                                                                                  |         |
|                |                 | PROD.            | DATE |                                                                                                                                                                                                                                                                  |         |
|                |                 | NEXT HIGHER ASSY |      | TITLE                                                                                                                                                                                                                                                            |         |
| DEC NO.        | EIA NO.         |                  |      | DATA DRIVER<br>(SLOT C/P,                                                                                                                                                                                                                                        |         |
| SCALE          |                 | SIZE             | CODE | NUMBER                                                                                                                                                                                                                                                           | REV     |
| SHEET 1 OF 2   |                 | DCS              |      | M8913-0-1                                                                                                                                                                                                                                                        | !       |
|                |                 | DIST.            |      |                                                                                                                                                                                                                                                                  |         |

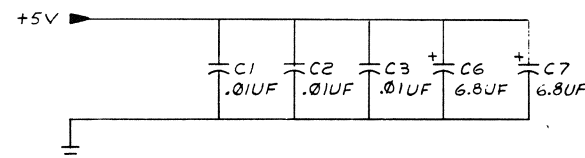
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\*NOTE: ALL SIGNALS DESIGNATED "SBUS" ORIGINATE IN TM02.

| REVISIONS |           |     |
|-----------|-----------|-----|
| CHK       | CHANGE NO | REV |

**NOTES:**



THE FORM NO.  
1042-135-B

|                    |                 |  |  |                          |  |  |  |                    |  |  |             |                                                                                                                                                                  |  |                  |  |  |  |       |  |            |         |  |  |      |         |   |  |
|--------------------|-----------------|--|--|--------------------------|--|--|--|--------------------|--|--|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--|--|--|-------|--|------------|---------|--|--|------|---------|---|--|
| QTY                | REF DESIGNATION |  |  |                          |  |  |  |                    |  |  | DESCRIPTION |                                                                                                                                                                  |  |                  |  |  |  |       |  |            | PART NO |  |  |      | ITEM NO |   |  |
| PARTS LIST         |                 |  |  |                          |  |  |  |                    |  |  |             |                                                                                                                                                                  |  |                  |  |  |  |       |  |            |         |  |  |      |         |   |  |
| ETCH BOARD REV     |                 |  |  | B                        |  |  |  |                    |  |  |             |                                                                                                                                                                  |  |                  |  |  |  |       |  |            |         |  |  |      |         |   |  |
|                    |                 |  |  | DRN. <i>3/1/74</i>       |  |  |  | DATE <i>3/1/74</i> |  |  |             | <div><div>digital</div><div>EQUIPMENT CORPORATION<br/><small>WATKINS, MONTREAL, QUEBEC</small></div></div> <div>TITLE DATA DRIVE<br/>SBUS 2<br/>(SLOT C/P)</div> |  |                  |  |  |  |       |  |            |         |  |  |      |         |   |  |
|                    |                 |  |  | CHK'D <i>3/6/74</i>      |  |  |  | DATE <i>3/6/74</i> |  |  |             |                                                                                                                                                                  |  |                  |  |  |  |       |  |            |         |  |  |      |         |   |  |
|                    |                 |  |  | ENG. <i>3-7-74</i>       |  |  |  | DATE <i>3-7-74</i> |  |  |             |                                                                                                                                                                  |  |                  |  |  |  |       |  |            |         |  |  |      |         |   |  |
|                    |                 |  |  | PROJ. ENG. <i>3-6-74</i> |  |  |  | DATE <i>3-6-74</i> |  |  |             |                                                                                                                                                                  |  |                  |  |  |  |       |  |            |         |  |  |      |         |   |  |
|                    |                 |  |  | PROD. <i>3-7-74</i>      |  |  |  | DATE <i>3-7-74</i> |  |  |             |                                                                                                                                                                  |  |                  |  |  |  |       |  |            |         |  |  |      |         |   |  |
|                    |                 |  |  | NEXT HIGHER ASSY         |  |  |  |                    |  |  |             |                                                                                                                                                                  |  | SIZE CODE NUMBER |  |  |  |       |  |            |         |  |  | PE / |         |   |  |
| DEC NO.            |                 |  |  | EIA NO.                  |  |  |  | SCALE <i>1/2</i>   |  |  |             |                                                                                                                                                                  |  |                  |  |  |  | D C S |  | M8913-YA-1 |         |  |  |      |         | C |  |
|                    |                 |  |  |                          |  |  |  | SHEET 1 OF 2       |  |  |             |                                                                                                                                                                  |  |                  |  |  |  | DIST. |  |            |         |  |  |      |         |   |  |
| R CONVERSION CHART |                 |  |  |                          |  |  |  |                    |  |  |             |                                                                                                                                                                  |  |                  |  |  |  |       |  |            |         |  |  |      |         |   |  |

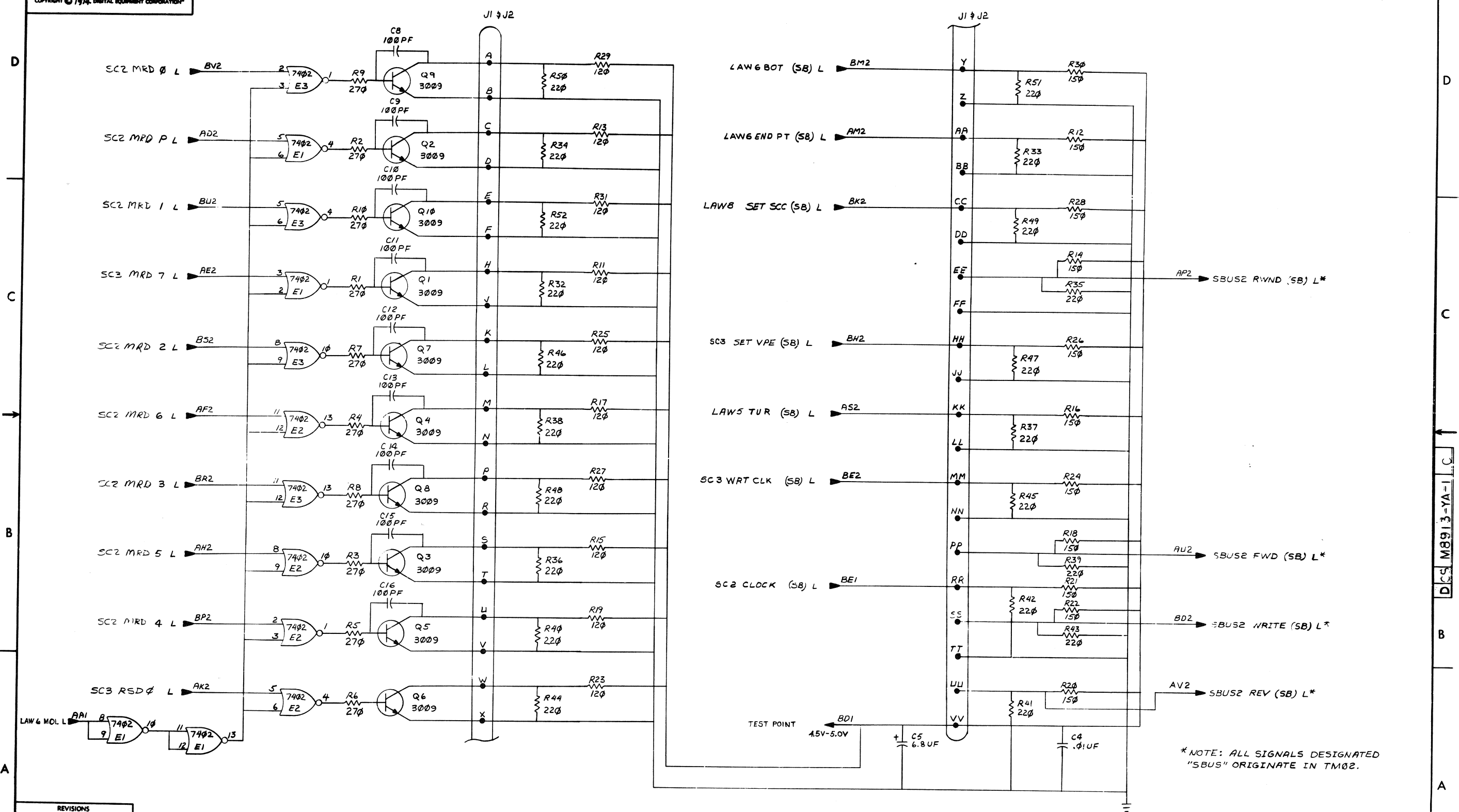
|    |            |  |
|----|------------|--|
| CC | M8913-YA-1 |  |
|----|------------|--|

B

A

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C 1-VA-13-168W SC D 2 1



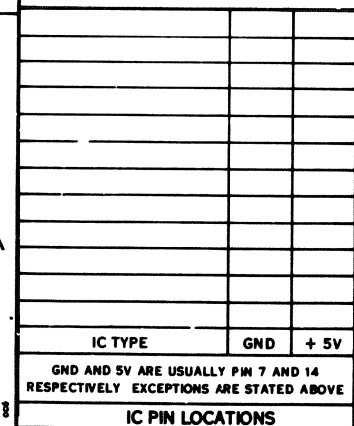
\*NOTE: ALL SIGNALS DESIGNATED "SBUS" ORIGINATE IN TM02.

| REVISIONS |            |      |
|-----------|------------|------|
| CHK       | CHANGE NO. | REV. |
|           |            |      |

|       |                               |           |      |        |            |       |   |
|-------|-------------------------------|-----------|------|--------|------------|-------|---|
| TITLE | DATA DRIVER SBUS 2 (SLOT C/P) | SIZE/CODE | D CS | NUMBER | M8913-YA-1 | REV.  | C |
| SCALE | +                             | SHEET     | 2    | OF     | 2          | DIST. |   |

DEC FORM NO. 080 130

**NOTES:**

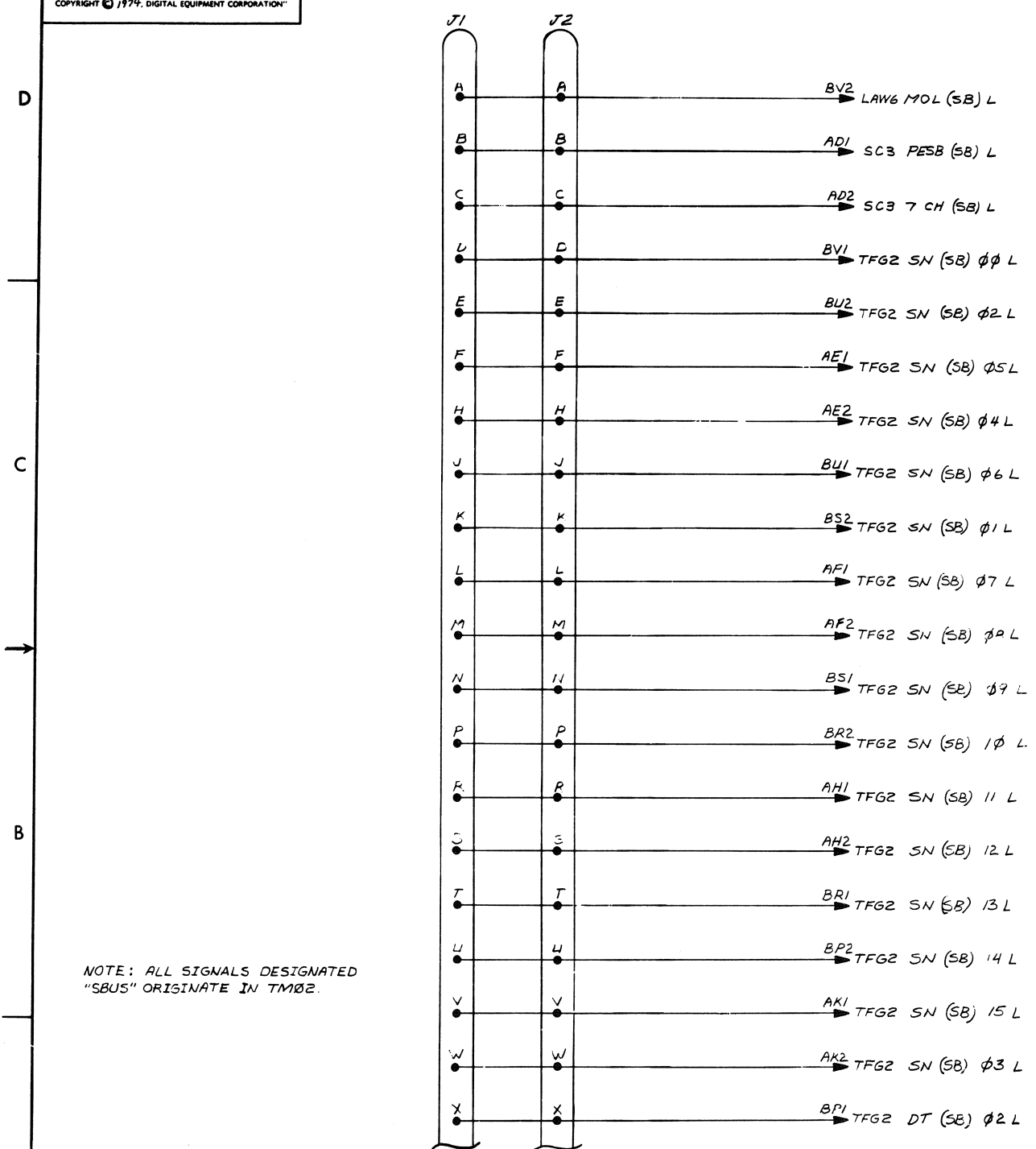


|                  |                 |                  |           |                                                                                                                                                                                                                                                    |          |
|------------------|-----------------|------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| QTY              | REF DESIGNATION | DESCRIPTION      |           | PART NO.                                                                                                                                                                                                                                           | ITEM NO. |
| PARTS LIST       |                 |                  |           |                                                                                                                                                                                                                                                    |          |
| ETCH BOARD REV   | C               |                  |           |                                                                                                                                                                                                                                                    |          |
|                  |                 | DRN              | DATE      | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>digital</b> </div> <div style="display: inline-block; vertical-align: middle;">             EQUIPMENT CORPORATION<br/> <small>MAYNARD, MASSACHUSETTS</small> </div> |          |
|                  |                 | CHK'D            | 3-4-74    |                                                                                                                                                                                                                                                    |          |
|                  |                 | ENG              | 3-5-74    |                                                                                                                                                                                                                                                    |          |
|                  |                 | PROJ. ENG.       | 3-5-74    |                                                                                                                                                                                                                                                    |          |
|                  |                 | PRD.             | 3-6-74    |                                                                                                                                                                                                                                                    |          |
|                  |                 | DATE             | 3-1-74    | TITLE<br>GEN PURPOSE CARD<br>(E & F)                                                                                                                                                                                                               |          |
|                  |                 | NEXT HIGHER ASSY |           |                                                                                                                                                                                                                                                    |          |
|                  |                 |                  |           |                                                                                                                                                                                                                                                    |          |
| DEC NO.          | EIA NO.         | SCALE            | SIZE CODE | NUMBER                                                                                                                                                                                                                                             | REV.     |
|                  |                 | SHEET 1 OF 2     | DCS       | M9001-YA-1                                                                                                                                                                                                                                         | C        |
| CONVERSION CHART |                 |                  | DIST.     |                                                                                                                                                                                                                                                    |          |

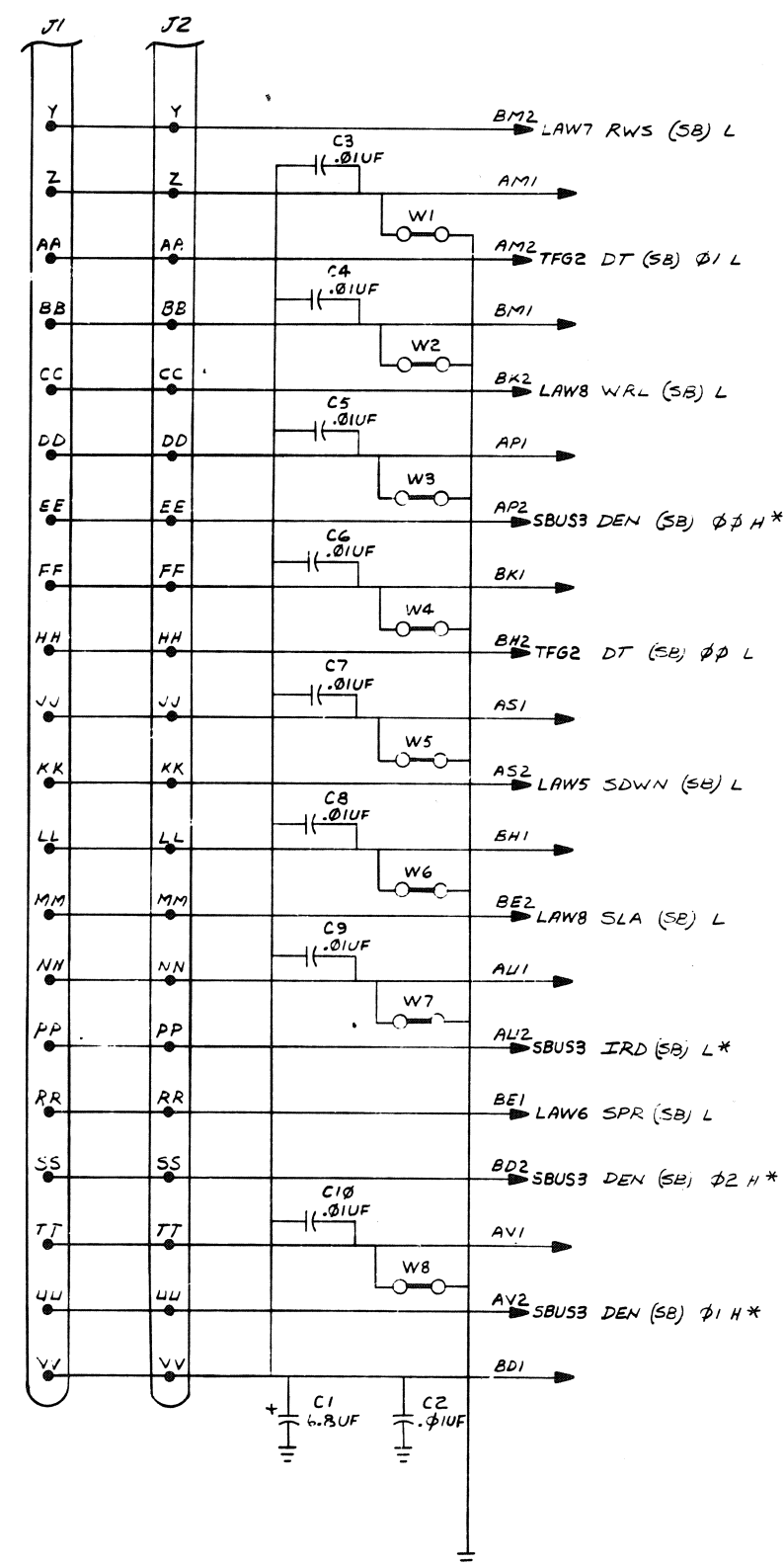
The logo for Digital Equipment Corporation, featuring the word "digital" in a stylized font with each letter in a separate box, followed by "EQUIPMENT CORPORATION" and "NATURAL MASSACHUSETTS". Below the logo is the title "GEN PURPOSE CARD (F & F)".

|      |      |            |     |
|------|------|------------|-----|
| SIZE | CODE | NUMBER     | REV |
| D    | CS   | M9001-YA-1 | C   |

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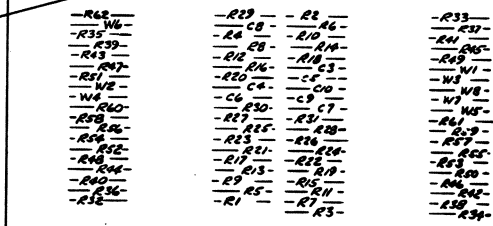
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| REVISIONS |            |      |
|-----------|------------|------|
| CHK       | CHANGE NO. | REV. |
|           |            |      |

|                                |              |               |                   |        |
|--------------------------------|--------------|---------------|-------------------|--------|
| TITLE GEN PURPOSE CARD (E & F) |              | SIZE CODE DCS | NUMBER M9001-YA-1 | REV. C |
| SCALE                          | SHEET 2 OF 2 | DIST.         |                   |        |

**NOTES:**

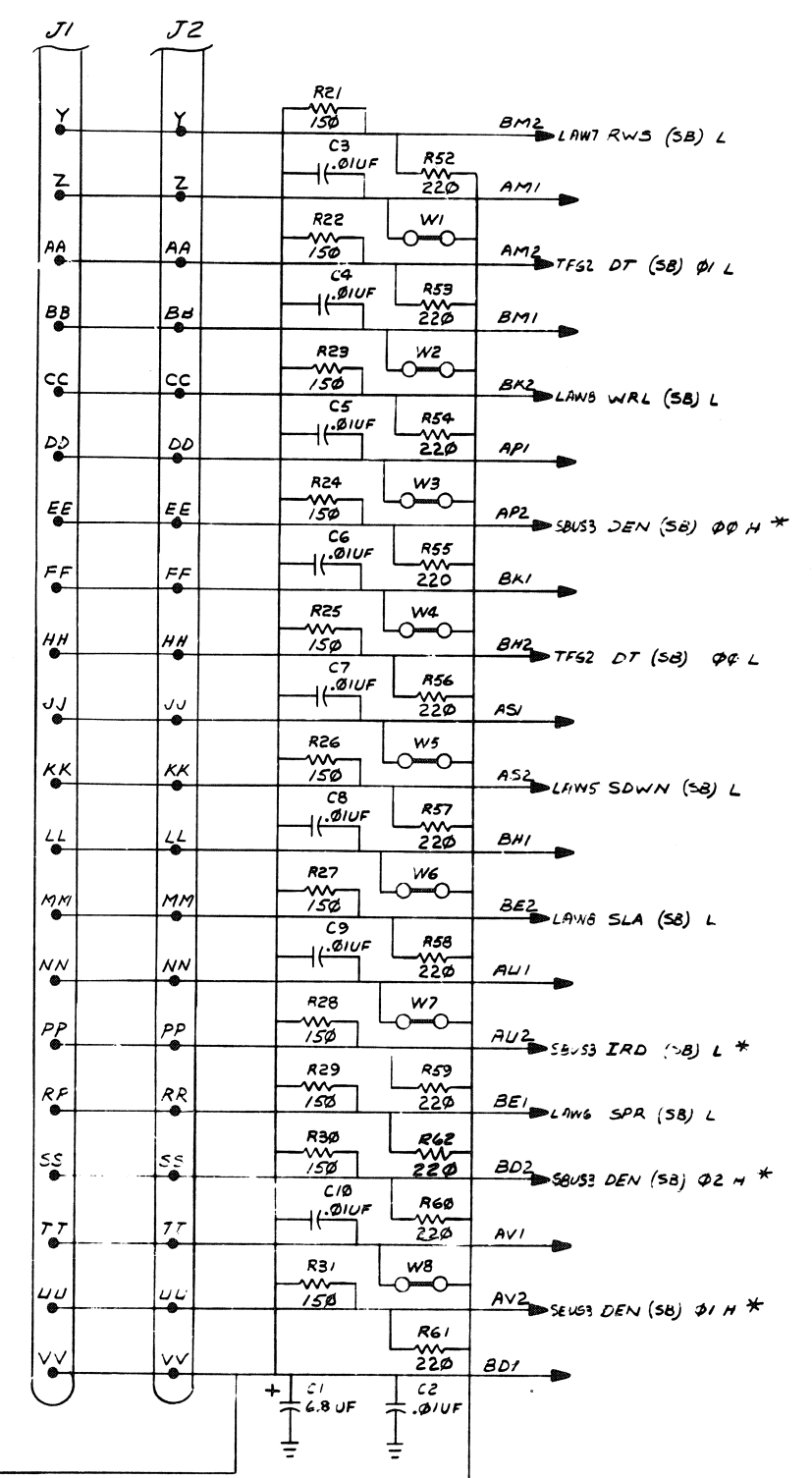
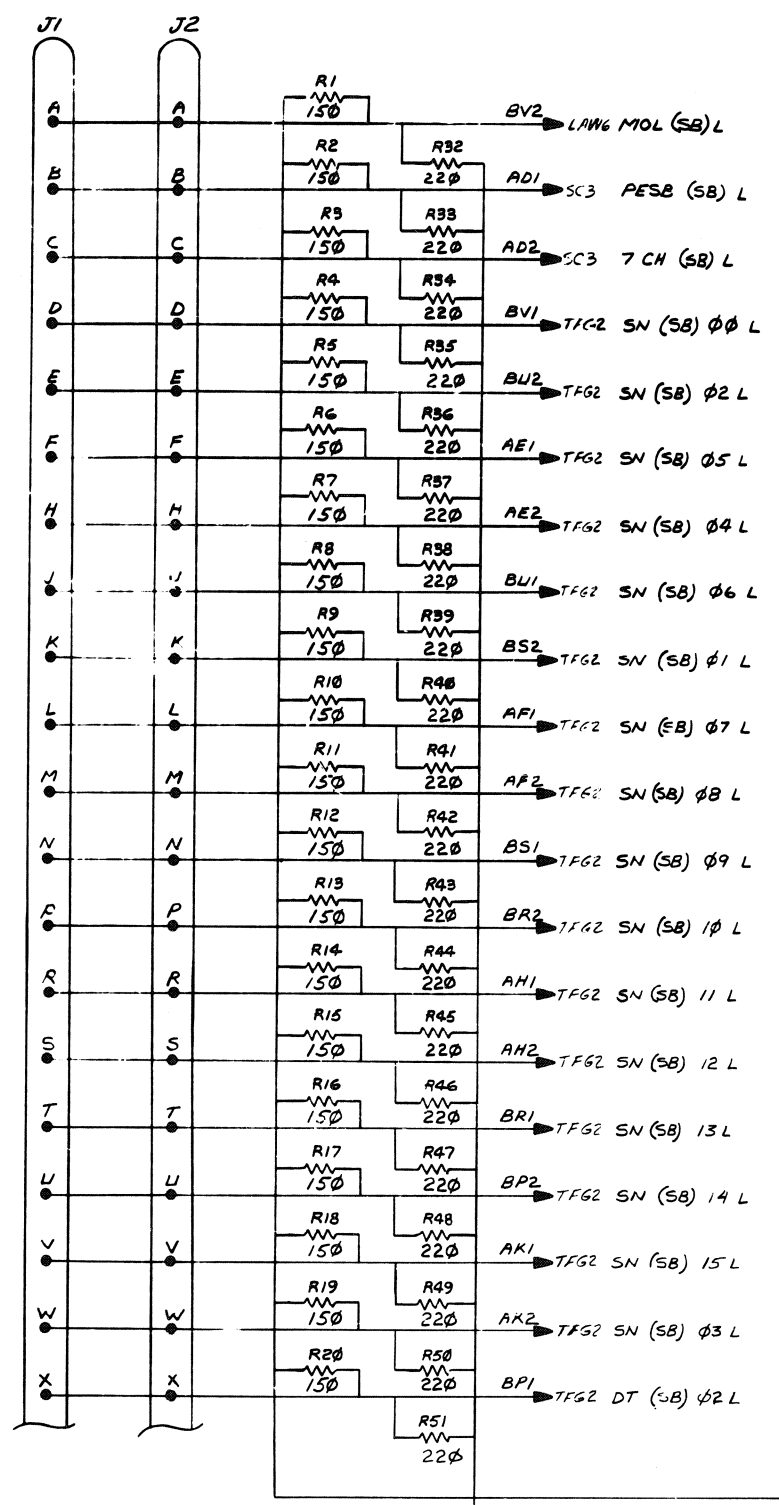


|                  |                 |              |                         |            |
|------------------|-----------------|--------------|-------------------------|------------|
| QTY              | REF DESIGNATION | DESCRIPTION  | PART NO                 | ITEM NO    |
| PARTS LIST       |                 |              |                         |            |
| ETCH BOARD REV   | C               |              |                         |            |
|                  |                 | DATE         | EQUIPMENT CORPORATION   |            |
|                  |                 | DATE         | MACHINE: MONTAGUE 1017A |            |
|                  |                 | DATE         | TITLE                   |            |
|                  |                 | DATE         | GEN PURPOSE CARD        |            |
|                  |                 | DATE         | (E + F)                 |            |
| DEC NO.          | EIA NO.         | SCALE        | SIZE/CODE               | NUMBER     |
| CONVERSION CHART |                 | SHEET 1 OF 2 | DCS                     | M9001-YC-1 |
|                  |                 |              | DIST.                   | REV. C     |

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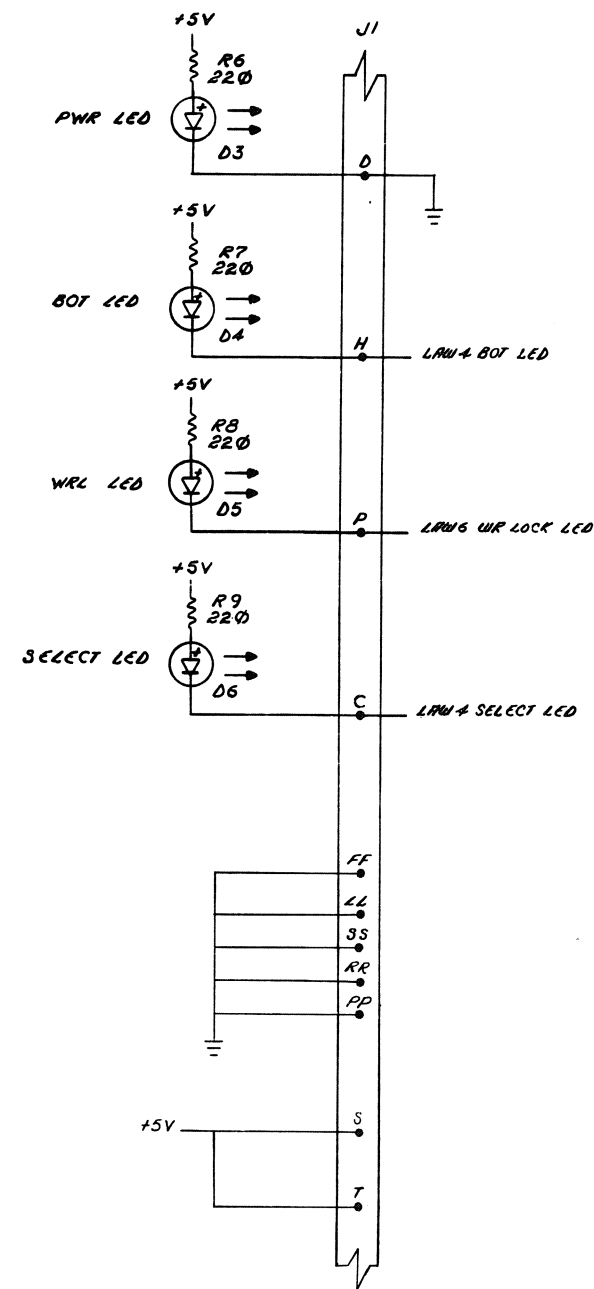
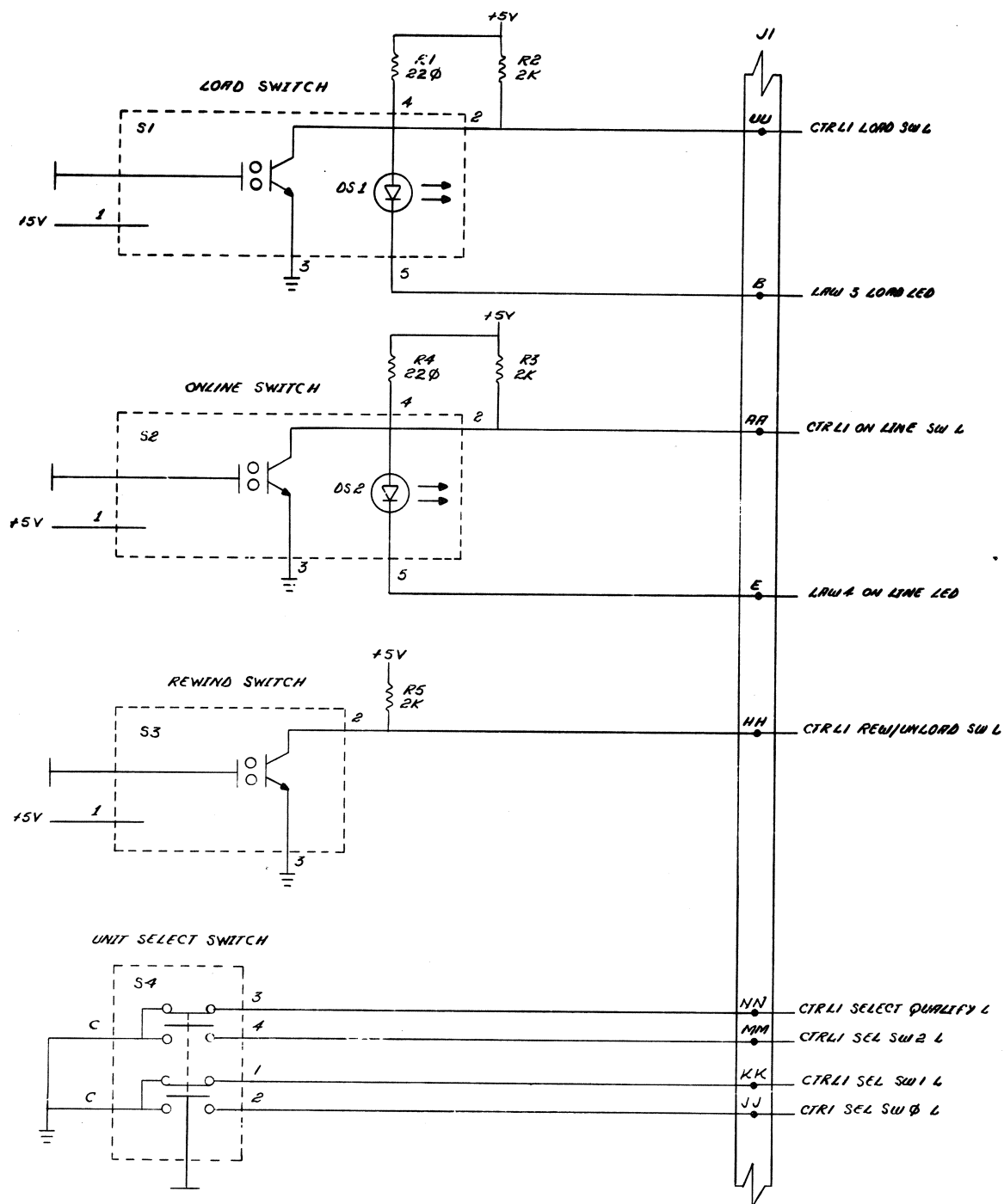
1-3A-1006W SC 2



| REVISIONS |           |     |
|-----------|-----------|-----|
| CHK       | CHANGE NO | REV |
|           |           |     |

|                                |              |               |                  |        |
|--------------------------------|--------------|---------------|------------------|--------|
| TITLE GEN PURPOSE CARD (E & F) |              | SIZE CODE DCS | NUMB. M9001-YC-1 | REV. C |
| SCALE                          | SHEET 2 OF 2 | DIST.         |                  |        |

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|                   |                    |                    |                   |       |             |      |
|-------------------|--------------------|--------------------|-------------------|-------|-------------|------|
| DRN               | <i>James Davis</i> | <i>SEP 14 1976</i> | FIRST USED ON     |       | digital     |      |
| CHK'D             | <i>5412347-0-1</i> | <i>20 SEPT 76</i>  | TU 16W            |       |             |      |
| ENG.              | <i>5412347-0-1</i> | <i>12/21/76</i>    | TITLE             |       |             |      |
| PROJ. ENG.        | <i>5412347-0-1</i> | <i>12/21/76</i>    | TU-16W SWITCH BOX |       |             |      |
| PHOD.             | <i>5412347-0-1</i> | <i>12 DEC 76</i>   | (CTRL1)           |       |             |      |
| NEXT HIGHER ASSY. |                    |                    |                   |       |             |      |
| B-DD-5412347-0    |                    |                    | SIZE              | CODE  | NUMBER      | REV. |
| SCALE             |                    |                    | D                 | CS    | 5412347-0-1 | B    |
| SHEET             |                    |                    | OF                | DIST. |             |      |