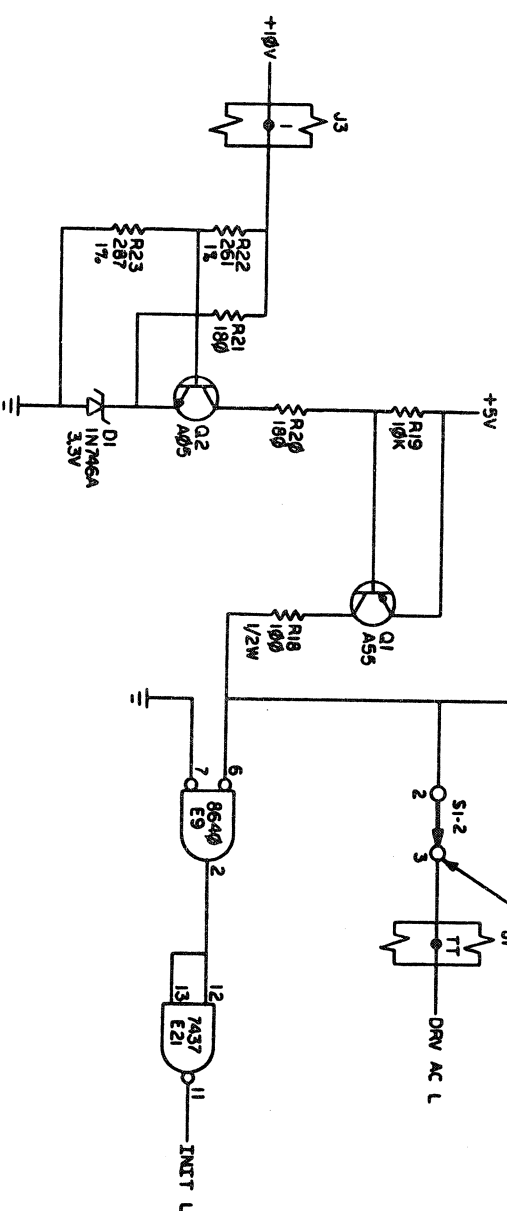
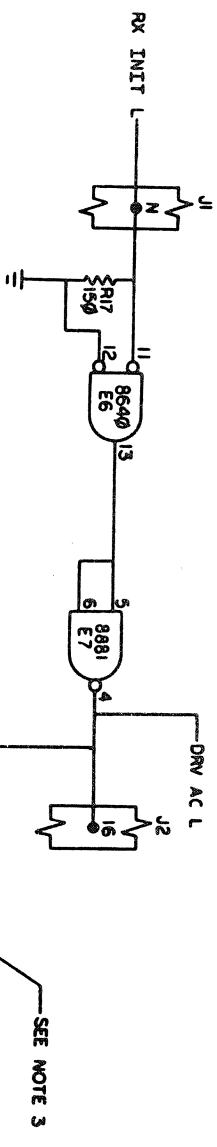
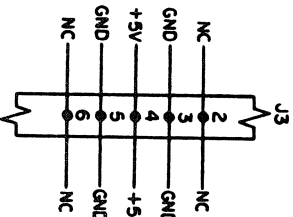
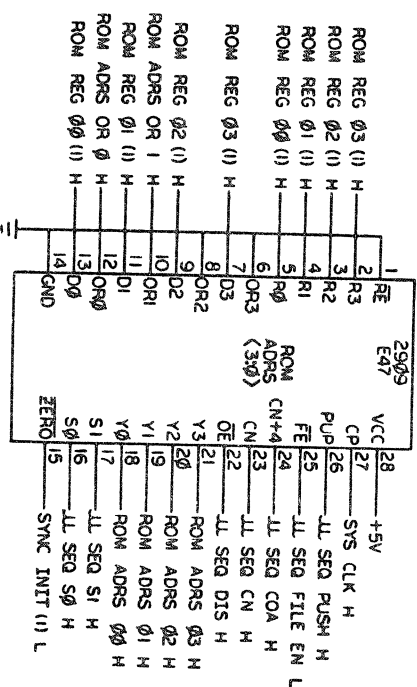
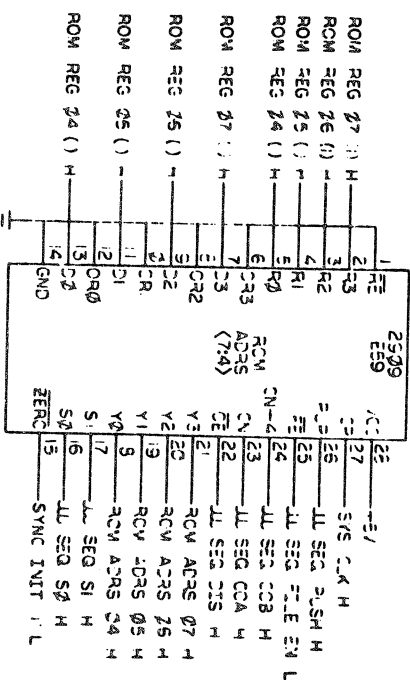
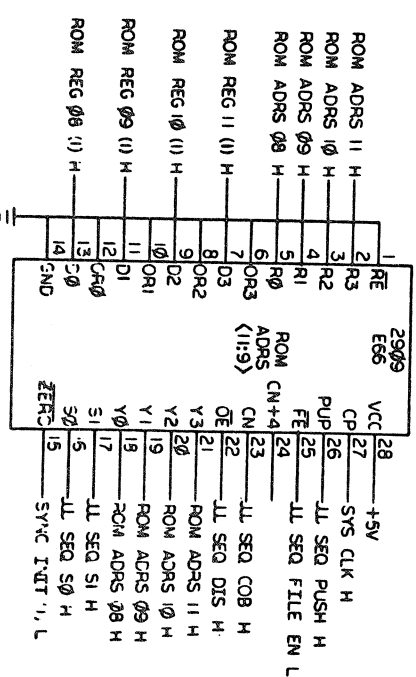


|                 |  |             |  |               |  |           |  |      |  |
|-----------------|--|-------------|--|---------------|--|-----------|--|------|--|
| TITLE           |  | PX02 FLOPPY |  | SIZE CODE     |  | NUMBER    |  | REV. |  |
| DISK CONTROLLER |  |             |  | D CS          |  | M7744-0-1 |  | J    |  |
| SCALE           |  | 1/1         |  | SHEET 5 OF 10 |  | DIST.     |  |      |  |



|               |   |        |           |            |   |       |                 |       |             |
|---------------|---|--------|-----------|------------|---|-------|-----------------|-------|-------------|
| REV.          | J | NUMBER | M7744-0-1 | SIZES CODE | D | CS    | DISK CONTROLLER | TITLE | RX02-FL0PPY |
| SHEET 5 OF 10 |   | DST.   |           | SCALE      |   | 1/16" |                 | 1/16" |             |



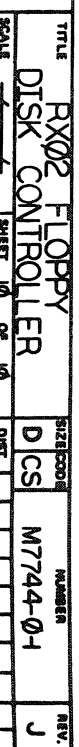
| TITLE           | SIZ   | NUMBER    |
|-----------------|-------|-----------|
| RX02 FLOppy     | 3200B |           |
| DISK CONTROLLER | D CS  | M7744-0-1 |



| TITLE           |       | SIZE/COM | NUMBER   | REF |
|-----------------|-------|----------|----------|-----|
| RX02 FLOPPY     |       |          |          |     |
| DISK CONTROLLER |       | 10 CS    | M7744-01 | J   |
| SCALE           | 1/1/1 | SHEET    | 8 OF 10  | DTG |







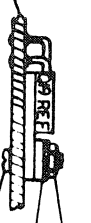


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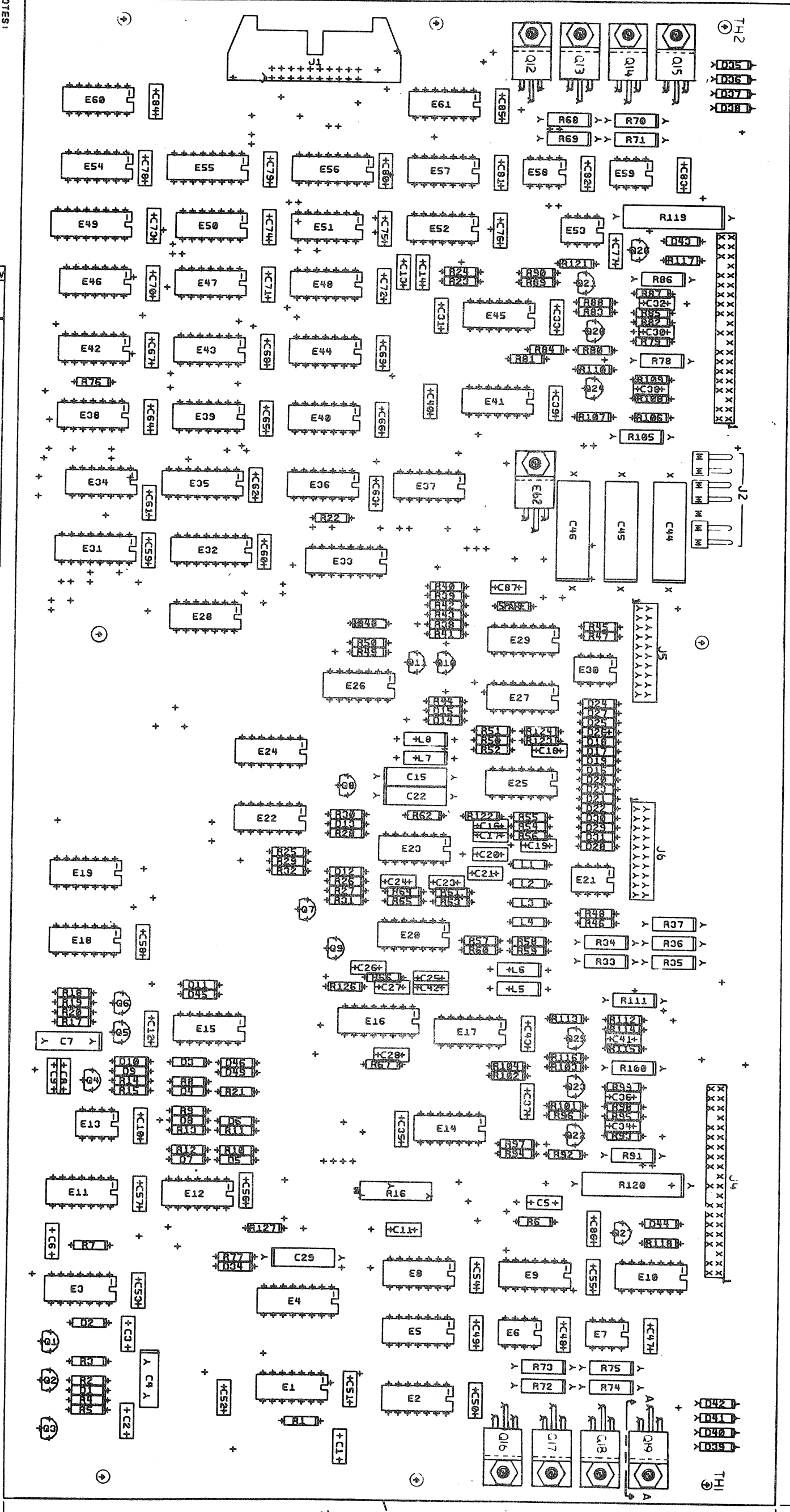
8 7 6 5 4 3 2 1

15.69 REF

5 (REF)  
VIEW A-A  
Q12 THRU Q19 & E62



COMPONENT SIDE VIEW



NOTES:

|        |   |   |      |        |      |
|--------|---|---|------|--------|------|
| STEP 1 | + | Y | RAIS | STEP 1 | TIME |
| REPEAT | + | X | RAIS | STEP 1 | TIME |

| CHK     | CHANGE NO | REV |
|---------|-----------|-----|
| REDRAWN |           | J   |
| M7745-  |           |     |
| ML007   |           |     |

|                  |
|------------------|
| ETCH REV. 1 - P2 |
|------------------|

| SIGNATURES              | DATE     |
|-------------------------|----------|
| CHK'D                   | 12/24/74 |
| DESIGN                  | 12/24/74 |
| PROD. ENG.              | 12/24/74 |
| PROJ. MGR.              | 12/24/74 |
| SCALE                   | 1:1      |
| SMT.                    | OF       |
| NEXT HIGHER REV. 1 - P2 |          |

|           |                  |
|-----------|------------------|
| TITLE     | digital          |
| PROJ. NO. | RX02 R/W CONTROL |
| SIZE      | 0                |
| NUMBER    | 1                |
| REV       | J                |

8 7 6 5 4 3 2 1





AUTOMATED BY PRLST,1D(4)

PARTS LIST

SHEET A2 OF A3

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QTY PER VARIATION  
00

REFERENCE DESIGNATOR

|    |    |            |           |                      |           |     |      |    |    |                                  |
|----|----|------------|-----------|----------------------|-----------|-----|------|----|----|----------------------------------|
| 28 | 33 | 1503409-00 | DEC6534D  | PNP                  | 310MM     | SI  | 40   | 90 | 4  | Q1,Q2,Q5,Q6                      |
| 29 | 34 | 1501999-00 | DEC3009A  | NPN                  | 300MM     | SI  | 20   | 25 | 1  | Q3                               |
| 30 | 35 | 1510233-00 | 2N 5460   | FET                  | 310MM     | SIF | CHNL |    | 1  | Q4                               |
| 31 | 36 | 1510421-00 | D 44CB    | NPN                  | 30MT      | SI  | 60   | 20 | 8  | Q12-Q19                          |
| 32 | 37 | 1912799-00 | LS00      | NAND-GATE-QUAD       | 2IN,F     |     |      |    | 2  | E19,E39                          |
| 33 | 38 | 1912801-00 | LS02      | NOR-GATE-QUAD        | 2IN       |     |      |    | 2  | E9,E60                           |
| 34 | 39 | 1912803-00 | 6S04      | INVERTER GATE,HFL    |           |     |      |    | 3  | E3,E26,E52                       |
| 35 | 40 | 1910741-00 | 7406      | INVERTER GATE-HEX    | 11        |     |      |    | 1  | E22                              |
| 36 | 41 | 1912805-00 | LS08      | AND GATE-QUAD        | 2IN,PO    |     |      |    | 7  | E5,E10,E24,E29,E38,E46,E57       |
| 37 | 42 | 1909929-00 | 7417      | BUFFER GATE-HEX      | 1INP      |     |      |    | 2  | E18,E34                          |
| 38 | 43 | 1912816-00 | LS32      | OR GATE-QUAD         | 2IN,FOS   |     |      |    | 4  | E1,E36,E47,E54                   |
| 39 | 44 | 1905580-00 | 7450      | A-O-I XPNDRLE GATE-D |           |     |      |    | 1  | E9                               |
| 40 | 45 | 1912823-00 | LS73      | FF-JK TUAL           | W/CLEAR   |     |      |    | 2  | E2,E61                           |
| 41 | 46 | 1912924-00 | LS74      | FF-D DUAL,EDGE       | TRIGG     |     |      |    | 8  | E11,E12,E40,E42-E44,E48,E50      |
| 42 | 47 | 1912937-00 | LS123     | ONE SHOT-DUAL,RETRIG |           |     |      |    | 1  | E16                              |
| 43 | 48 | 1912697-00 | LS174     | FF-D HEX W/CLEAR     |           |     |      |    | 1  | E55                              |
| 44 | 49 | 1912854-00 | LS193     | COUNTER,SYNCR,4BIT,  |           |     |      |    | 4  | E31,E32,E35,E49                  |
| 45 | 50 | 1910269-00 | 75107B    | RECEIVER,LINE,TUAL,  |           |     |      |    | 1  | E15                              |
| 46 | 51 | 1910406-00 | 75451     | DRIVER,PERIPH,DUAL,  |           |     |      |    | 5  | E6,E7,E53,E58,E59                |
| 47 | 52 | 1910645-00 | 75452     | DRIVER,PERIPH,DUAL,  |           |     |      |    | 2  | E21,E30                          |
| 48 | 53 | 1910735-02 | 318       | OP AMP               |           |     |      |    | 1  | E13                              |
| 49 | 54 | 1910337-00 | DEC 1414L | VOLT-COMPARATOR,DUAL |           |     |      |    | 5  | E14,E17,E20,E41,E45              |
| 50 | 55 | 1910644-00 | 733       | DIFFERENTIAL AM,WID  |           |     |      |    | 2  | E23,E25                          |
| 51 | 56 | 2113632-00 | 4066B     | BILATERAL SWITCH-QUA |           |     |      |    | 1  | E27                              |
| 52 | 57 | 1912845-00 | LS153     | MUX 1 OF 4 (DUAL)    |           |     |      |    | 1  | E56                              |
| 53 | 58 | 1912048-02 | DEC 7812  | VOLT REG,FIX         | +12V      |     |      |    | 1  | E62                              |
| 54 | 59 | 1309405-00 | 68.0      | 50 W 5.0 %           | CC        |     |      |    | 6  | R78,R86,R91,R100,R105,R111       |
| 55 | 60 | 1304837-00 | 24.0      | 25 W 5.0 %           | CC        |     |      |    | 4  | R49,R52,R8,R13                   |
| 56 | 61 | 1301425-00 | 300.0     | 25 W 5.0 %           | CC        |     |      |    | 1  | R76                              |
| 57 | 62 | 1312931-00 | 6.20      | 25 W 5.0 %           | CC        |     |      |    | 2  | R9,R11                           |
| 58 | 63 | 1300271-00 | 220.0     | 25 W 5.0 %           | CC        |     |      |    | 1  | R22                              |
| 59 | 65 | 1313590-00 | 1.50      | 25 W 1.0 %           | RN55D-F10 |     |      |    | 2  | R57,R60                          |
| 60 | 66 | 1302874-00 | 147.0     | 25 W 1.0 %           | RN55D-F10 |     |      |    | 4  | R54,R56,R58,R59                  |
| 61 | 67 | 1302377-00 | 39.0      | 25 W 5.0 %           | CC        |     |      |    | 1  | R55                              |
| 62 | 68 | 1301890-00 | 560.0     | 25 W 5.0 %           | CC        |     |      |    | 1  | R21                              |
| 63 | 69 | 1300316-00 | 470.0     | 25 W 5.0 %           | CC        |     |      |    | 5  | R1,R6,R7,R23,R24                 |
| 64 | 70 | 1300365-00 | 1.0       | 25 W 5.0 %           | CC        |     |      |    | 11 | R2,R5,R10,R42,R43,R61,R63,R117,  |
| 65 | 71 | 1302871-00 | 1.21      | 25 W 1.0 %           | RN55D-F10 |     |      |    | 5  | R18,R31,R127                     |
| 66 | 72 | 1300391-00 | 1.50      | 25 W 5.0 %           | CC        |     |      |    | 9  | R106,R110,R112,R116,R27          |
| 67 | 73 | 1302389-00 | 2.0       | 25 W 5.0 %           | CC        |     |      |    | 3  | R38,R41,R83,R88,R96,R101,R109-   |
| 68 | 74 | 1304868-00 | 2.74      | 25 W 1.0 %           | RN55D-F10 |     |      |    | 1  | R15,R62                          |
| 69 | 75 | 1302389-00 | 4.30      | 25 W 5.0 %           | CC        |     |      |    | 2  | R19,R20,R50                      |
| 70 | 76 | 1304856-00 | 4.64      | 25 W 1.0 %           | RN55D-F10 |     |      |    | 6  | R3,R4                            |
| 71 | 78 | 1300479-00 | 10.0      | 25 W 5.0 %           | CC        |     |      |    | 12 | R80,R92,R103,R107,R113,R121      |
| 72 | 79 | 1302941-00 | 14.70     | 25 W 1.0 %           | RN55D-F10 |     |      |    | 8  | R12,R14,R26,R28,R45-R48,R79,R87, |
|    |    |            |           |                      |           |     |      |    |    | R93,R99                          |
|    |    |            |           |                      |           |     |      |    |    | R81,R84,R89,R90,R94,R97,R102,    |

D I G I T A L

FX02 R/W CONTROL

SECTION A OF A

SIZE CODE DOCUMENT NUMBER

REV

K PL M7745-0-DBP

J