

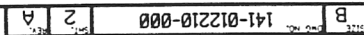
NOTES

1. ALL RESISTOR VALUES ARE IN OHMS.
2. UNLESS OTHERWISE SPECIFIED,
  - A. ALL RESISTORS ARE 1/4 WATT, 5%.
  - B. ALL CAPACITOR VALUES ARE SHOWN IN MICROFARADS

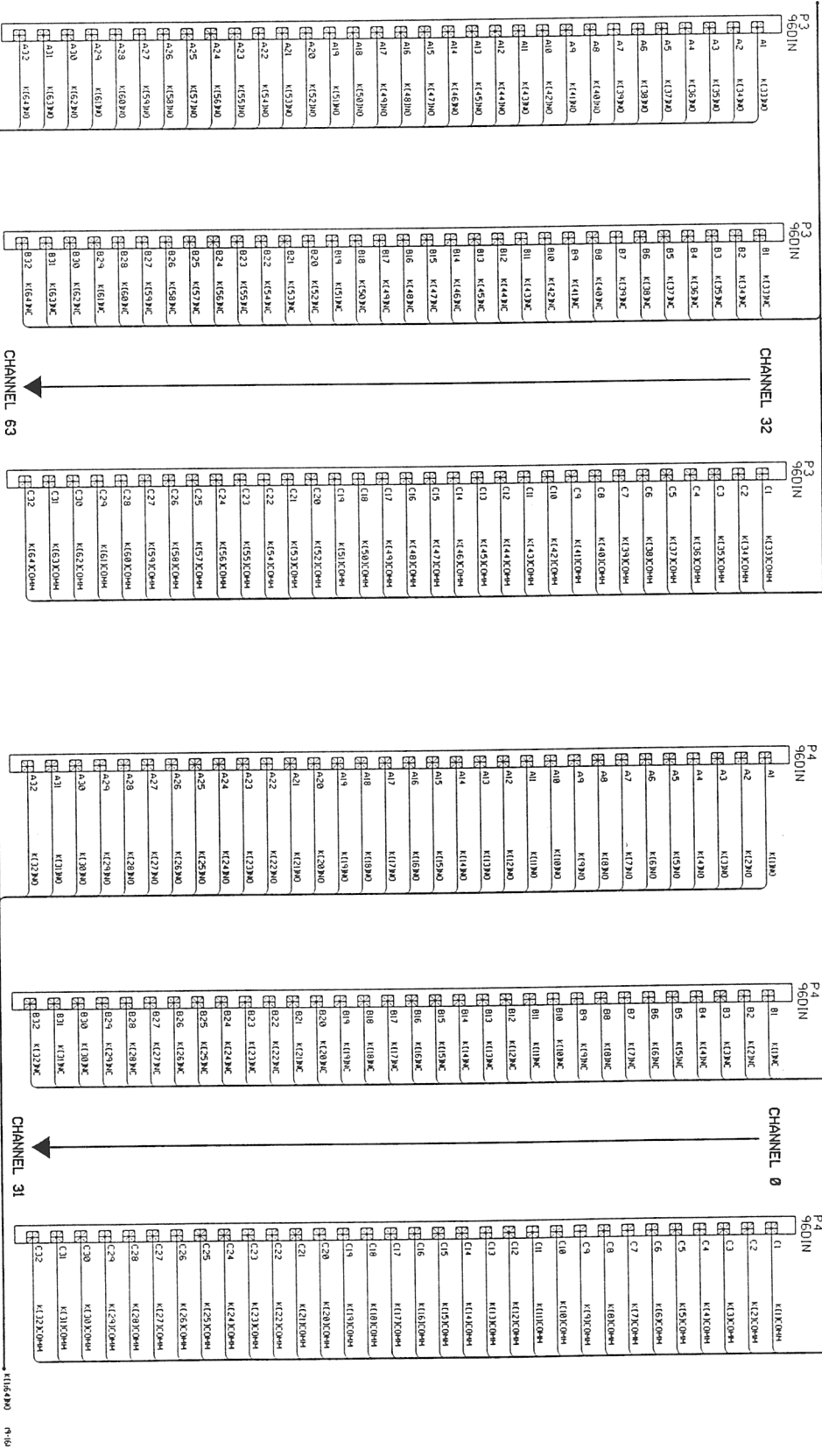
| REVISIONS |                         |         |          |
|-----------|-------------------------|---------|----------|
| REV       | DESCRIPTION             | DATE    | APPROVAL |
| A         | RELEASE PER ECO 94-0720 | 7-23-94 | Dee      |

SHEET 1 OF 1  
141-012210-000

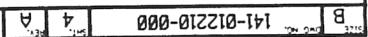
|                                                                                                                                                                                                                            |  |                                                                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------|--|
| <b>REVISIONS</b><br>DATE: 05/24/94<br>BY: R. H. ROSE<br>TITLE: VMVME - 2210 SCHEMATIC                                                                                                                                      |  | DATE: 05/24/94<br>BY: R. H. ROSE<br>TITLE: VMVME - 2210 SCHEMATIC |  |
| THE DIMENSIONS AND SPECIFICATIONS<br>SHOWN ARE THE PROPERTY OF MICROS<br>SYSTEMS INTERNATIONAL CORPORATION<br>AND ARE NOT TO BE REPRODUCED OR<br>COPIED IN ANY MANNER WITHOUT THE<br>WRITTEN PERMISSION OF THE<br>COMPANY. |  | SCALE: NONE<br>SHEET: 1                                           |  |



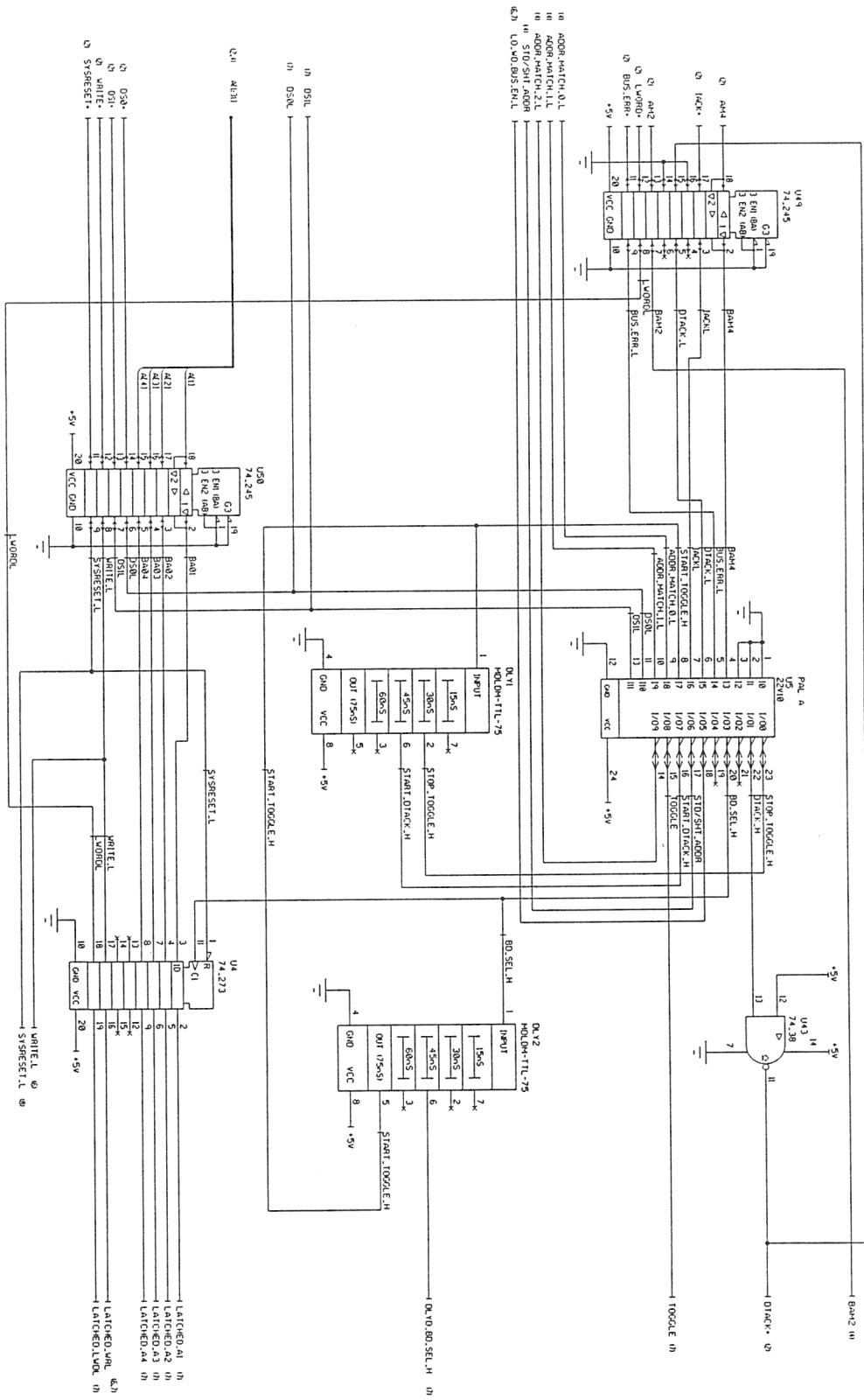
141-012210-000  
141-012210-000



|                                                                                             |  |      |  |          |  |                |  |
|---------------------------------------------------------------------------------------------|--|------|--|----------|--|----------------|--|
| <b>VMIC</b><br>Huntsville, Alabama 35893-3308<br>VME Microsystems International Corporation |  | SITE |  | FORM NO. |  | REV. NO.       |  |
| Model: 0.07094E                                                                             |  | B    |  | ØBPH5    |  | 141-012210-000 |  |
| Part No: C-111444                                                                           |  | NONE |  |          |  | SHEET 3        |  |

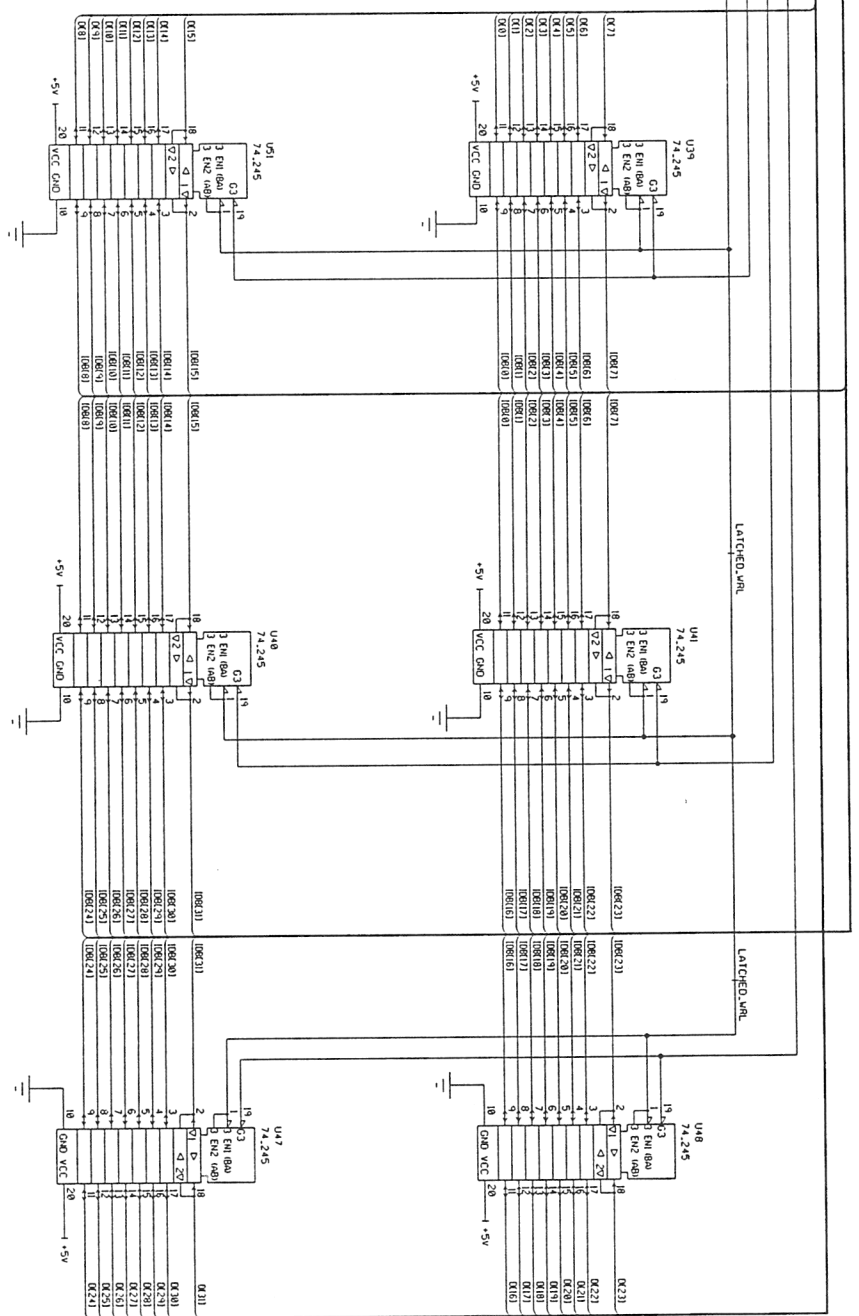




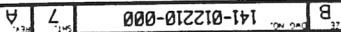


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|------------------------------------------------------------------------------------------------------------------------------|---------|------------|----------------|
| <b>VMIC</b><br>Huntsville, Alabama 35893-3308<br>VME Microsystems International Corporation<br>0.07100LE<br><i>C. Muxter</i> |         |            |                |
| DATE                                                                                                                         | NONE    | SCALE      | 5              |
| SIZE                                                                                                                         | B       | FORMAT NO. | 08PH5          |
| DATE                                                                                                                         | 9-23-94 | DATE       | 141-012210-000 |
| REV                                                                                                                          | 1       | REV        | 5              |

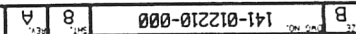
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| <b>VMIC</b><br>Huntsville, Alabama 35803-3308<br>VME Microsystems International Corporation |                 |           |                        |
| PROJECT<br>C. Hunter                                                                        | DATE<br>9-23-94 | SITE<br>B | PART NO.<br>08PH5      |
| DRAWN<br>NONE                                                                               | CHECKED<br>NONE | REV.<br>6 | QTY.<br>141-012210-000 |



SCHEMATIC NAME: 0009 SHEET NUMBER: 7 DATE: Sep 23, 1994



|                |   |   |
|----------------|---|---|
| 141-012210-000 | 8 | A |
|----------------|---|---|

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The circuit diagram shows a differential amplifier stage. It consists of two input transistors, labeled 2 and 18, which are connected to their gates. The drains of these transistors are connected to a common load resistor, labeled ENZ (AB), which is tied to a supply rail. The sources of both transistors are connected to a common source resistor, labeled 20, which is also tied to ground. The output signals are taken from the drains of the two transistors.

[illegible]

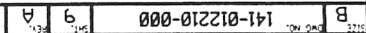
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| (29) | 7 |
| (30) | 8 |
| (31) | 9 |

A schematic diagram of a transformer with a 10:20 ratio. The primary winding is labeled '10' and the secondary winding is labeled '20'. Both windings are connected to ground symbols.

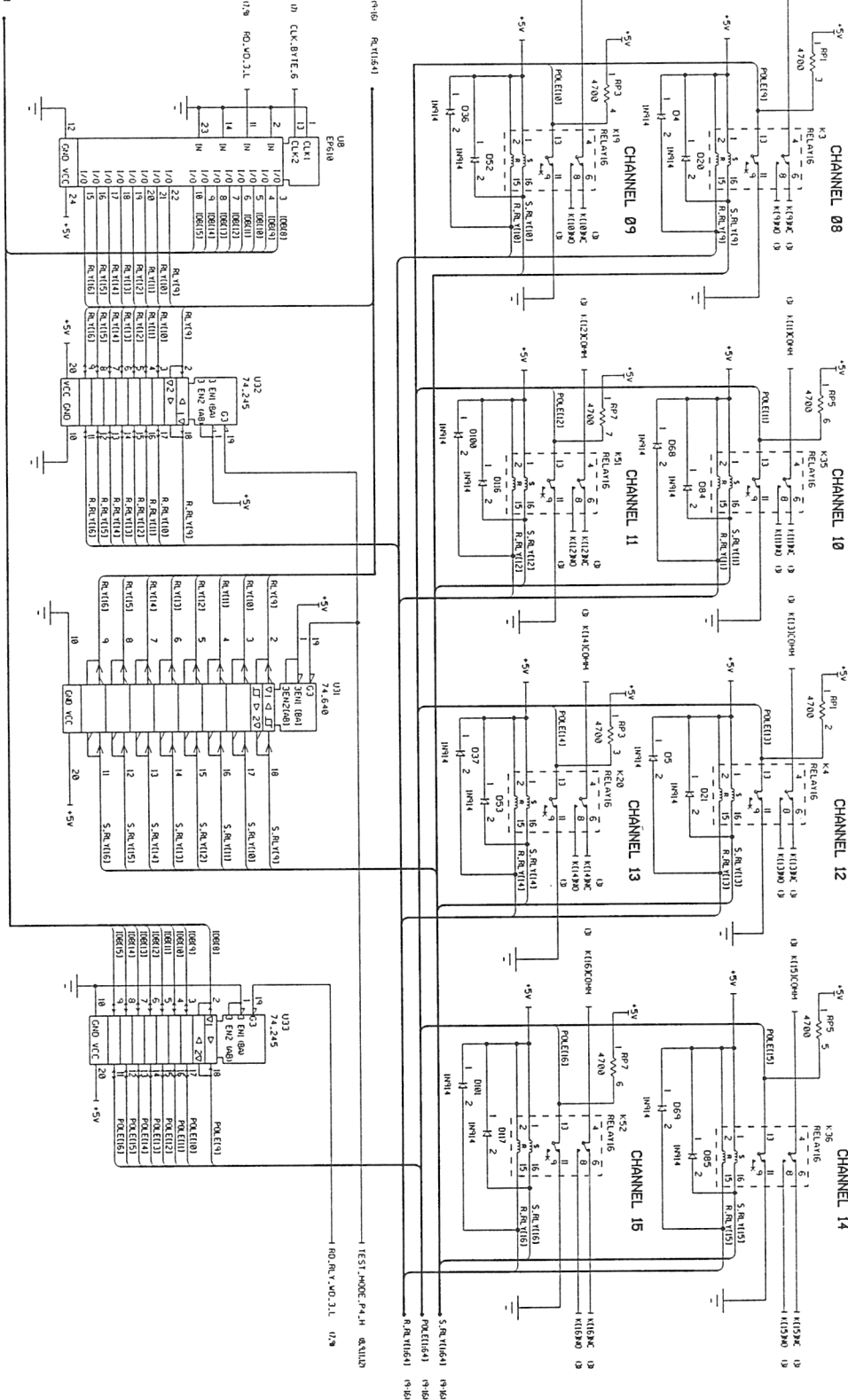
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|-------|-----------|----------------|
| STATE | PLANT NO. | UNIT NO.       |
| B     | 08PH5     | 141-012210-000 |
| SCALE | NONE      | SHEET 8        |

SCHEMATIC NAME: 0000 SHEET NUMBER: 8 DATE: Sep 23, 1974

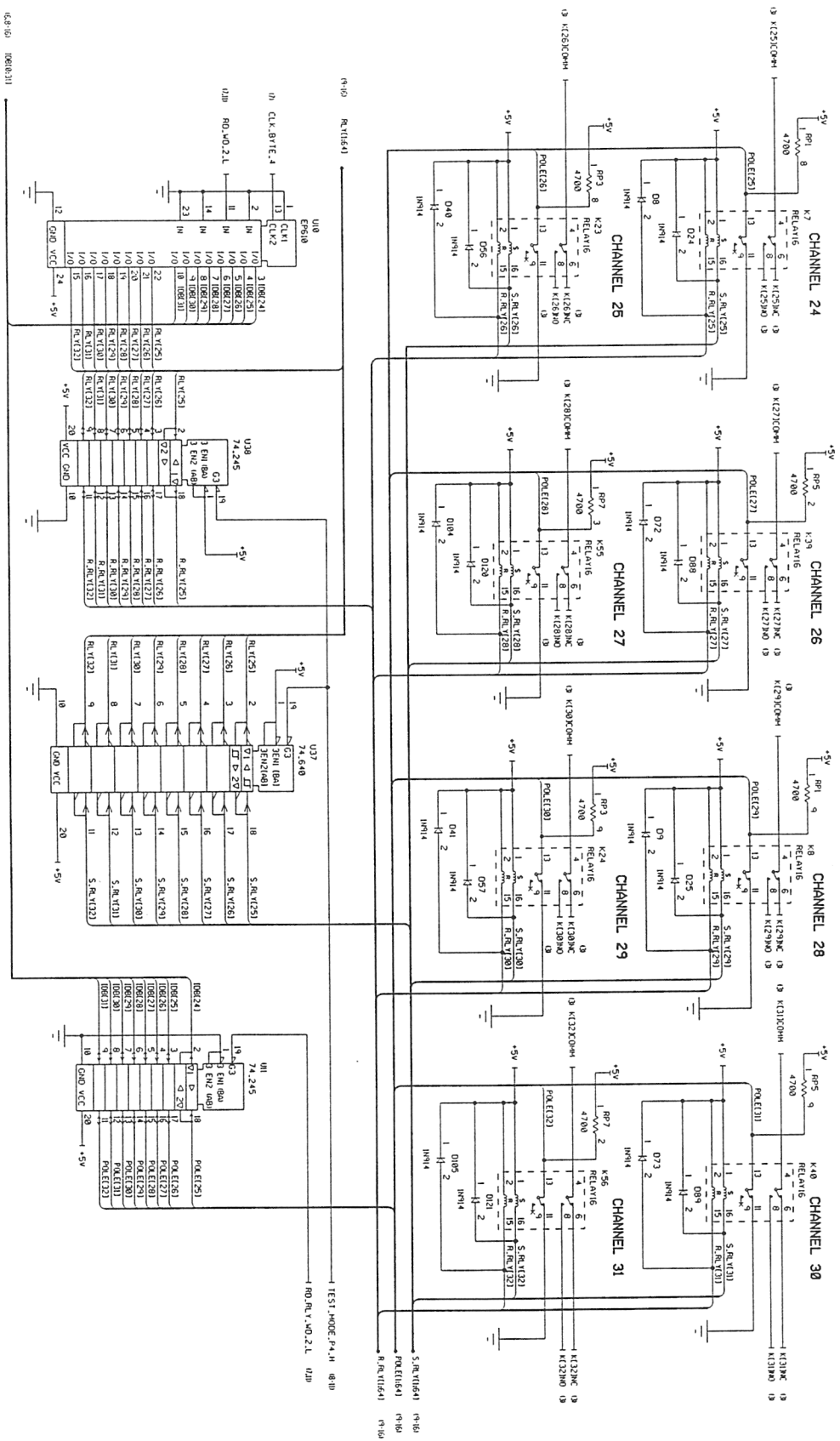


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|                                            |  |      |          |                |
|--------------------------------------------|--|------|----------|----------------|
| VMIC                                       |  | SITE | FORM NO. | DATE NO.       |
| VME Microsystems International Corporation |  | B    | 08PH5    | 141-012210-000 |
| C. Muttar                                  |  | NONE |          | 10             |

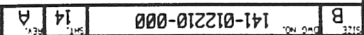


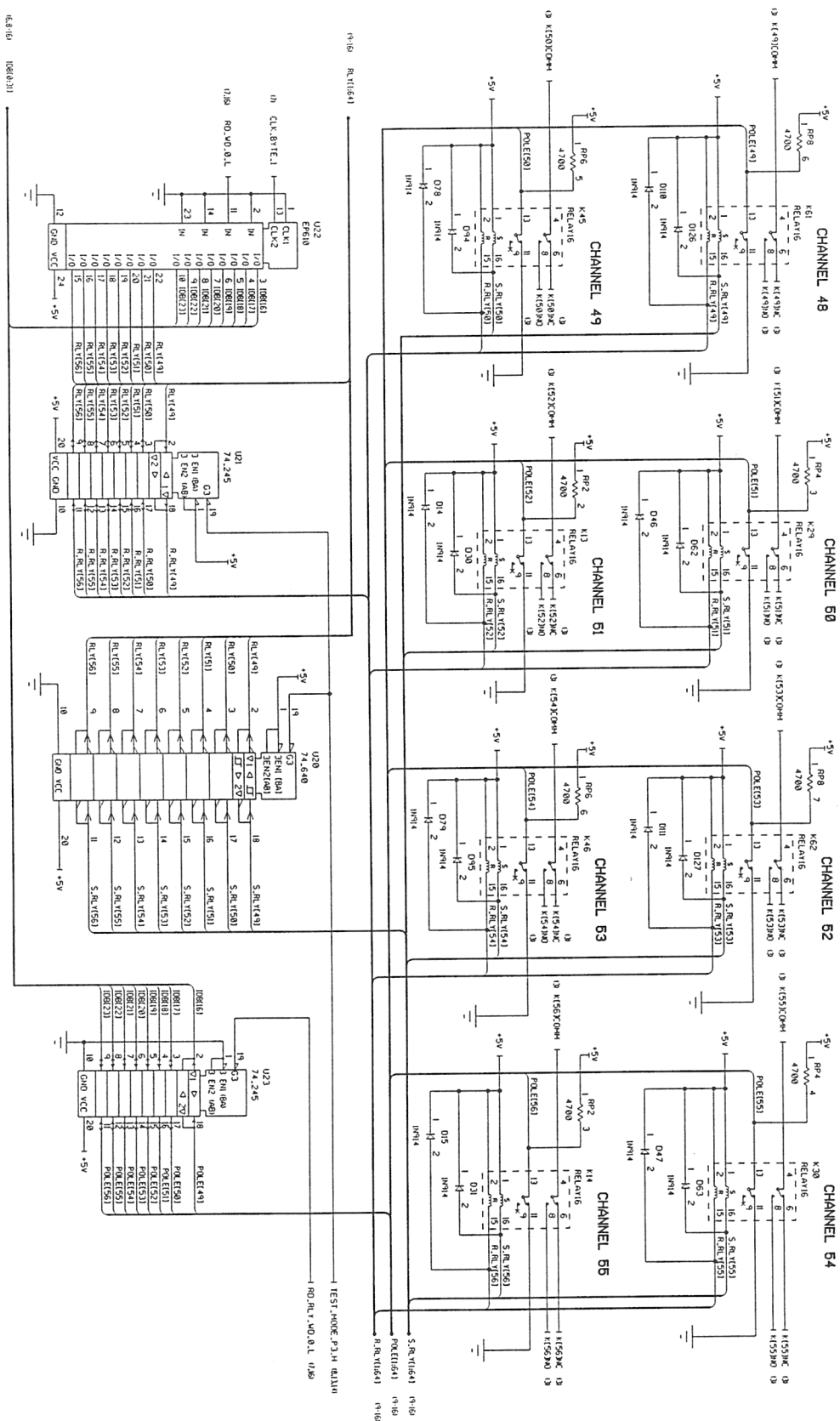


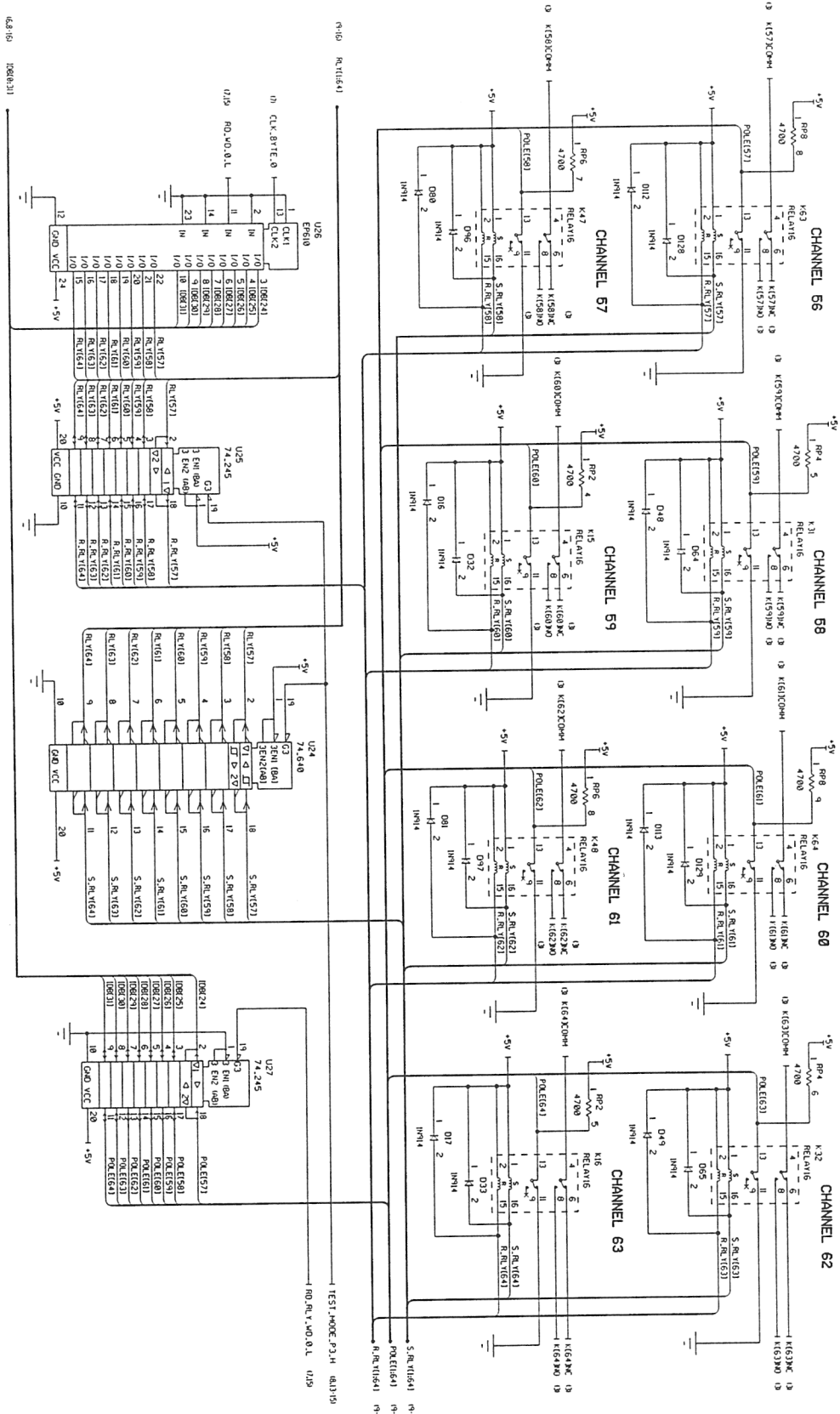
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|--------------------------------------------|--|----------------|--|
|                                            |  | 141-012210-000 |  |
| VME Microsystems International Corporation |  | 141-012210-000 |  |
| 0.0100E                                    |  | 12             |  |
| C. Miller                                  |  | 9-23-94        |  |
| NONE                                       |  | 12             |  |











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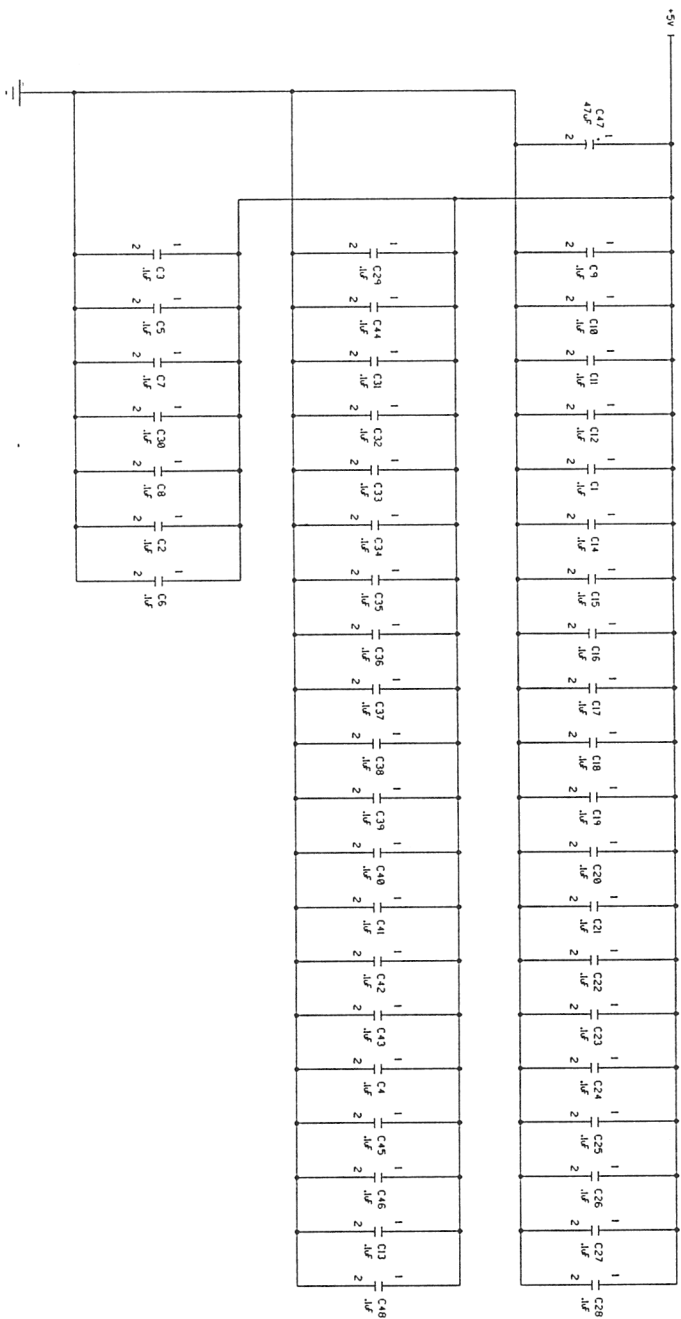
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## BYPASS CAPACITORS



|                                                                                              |                    |          |                |
|----------------------------------------------------------------------------------------------|--------------------|----------|----------------|
| <b>VMI</b><br>VME Microsystems International Corporation<br>Murfreesboro, Alabama 35803-3306 | DATE               | FORM NO. | DWG NO.        |
| REVISIONS<br>0.0 P100E                                                                       | B                  | 08PH5    | 141-012210-000 |
| DESIGNED BY<br><i>P. Mott</i>                                                                | CHECKED BY<br>NONE | DATE     | SHEET 17 OF 17 |

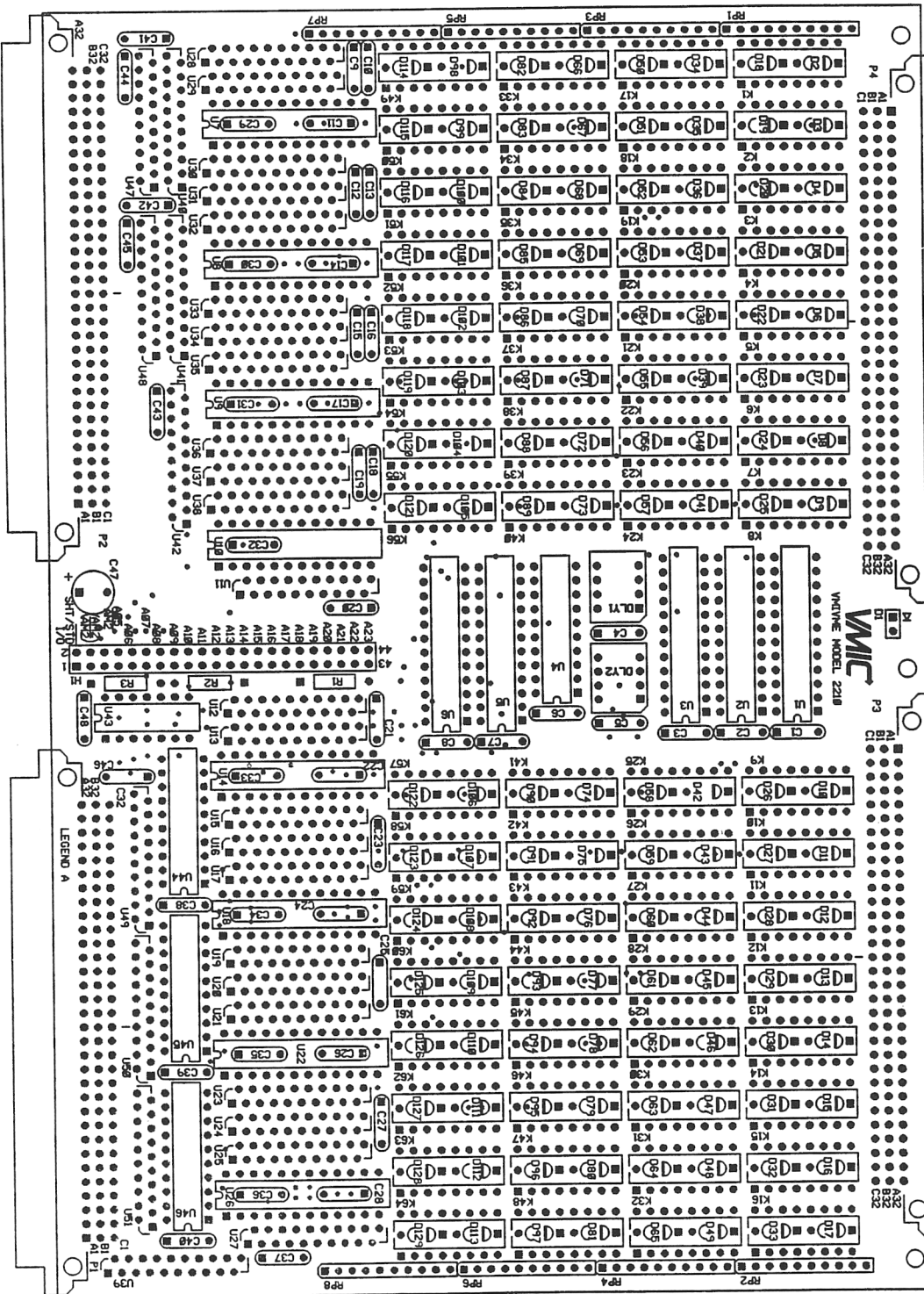
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|------|----------------|-----|
| SIZE | DWG NO.        | REV |
| A    | 132-012210-000 | 1 B |

**NOTES:**

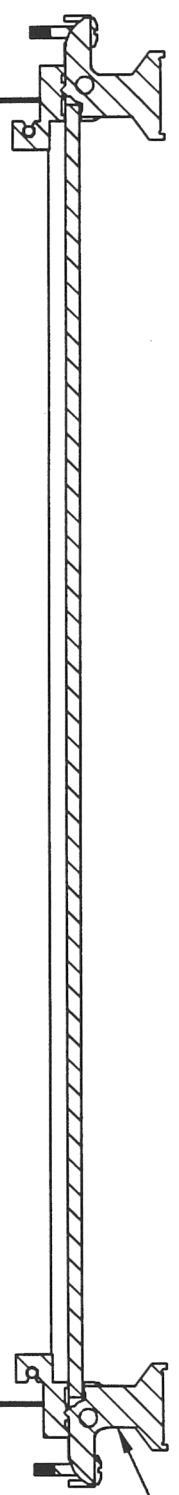
1. FOR SCHEMATIC DIAGRAM SEE 141-012210-000.
2. FOR TEST PROCEDURE SEE 510-002210-000.
3. FOR DOCUMENT SET SEE 110-002210-000.

| REVISIONS |                         |          |          |
|-----------|-------------------------|----------|----------|
| REV       | DESCRIPTION             | DATE     | APPROVED |
| A         | RELEASE PER ECO 94-0720 | 9/23/94  | R.M.     |
| B         | CHANGE PER ECO 94-0833  | 12/28/94 | gy       |

|                                                                                                                                                                                                              |  |                                                   |  |                  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--|------------------|--|--|--|
| UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                   |  | SIGNATURES                                        |  | DATE             |  |  |  |
| DIMENSIONS ARE IN INCHES                                                                                                                                                                                     |  | DRAWN: E. JORY                                    |  | 5/25/94          |  |  |  |
| TOLERANCES ON:                                                                                                                                                                                               |  | PROLENG: E.D. DANFORD                             |  | 6/7/94           |  |  |  |
| 2 PL. DECIMALS ±                                                                                                                                                                                             |  | ENG. MOR: R. MELROSE                              |  | 6/7/94           |  |  |  |
| 3 PL. DECIMALS ±                                                                                                                                                                                             |  | PROD: T. THORNTON                                 |  | 9/23/94          |  |  |  |
| ANGLES ±                                                                                                                                                                                                     |  | D.A.I: K. ATKINS                                  |  | 9/23/94          |  |  |  |
| FRACTIONS ±                                                                                                                                                                                                  |  | MAGNETIC MEDIA FILENAME FOR PACKAGE: A012210B.EXE |  |                  |  |  |  |
| THIS DRAWING AND SPECIFICATION HEREIN ARE THE PROPERTY OF VMIC AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS A BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. |  |                                                   |  |                  |  |  |  |
| VMIC HUNTSVILLE, ALABAMA 35803-3308                                                                                                                                                                          |  | VME MICROSYSTEMS INTERNATIONAL CORPORATION        |  | ASSEMBLY DRAWING |  |  |  |
| VMI VME-2210-1                                                                                                                                                                                               |  | SCALE                                             |  | SHEET            |  |  |  |
| A                                                                                                                                                                                                            |  | FSCM NO. OBPHS                                    |  | 132-012210-000   |  |  |  |
| NONE                                                                                                                                                                                                         |  | DWG NO.                                           |  | 1 OF 7           |  |  |  |

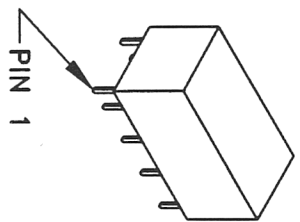


| SIZE | DWG NO         | REV  |
|------|----------------|------|
| A    | 132-012210-000 | 2A B |



ASSY NO. 332-012210-

DETAIL "A"



DETAIL "B"

-012210-000

SEE DETAIL "A"

|                                                                               |             |                |                        |
|-------------------------------------------------------------------------------|-------------|----------------|------------------------|
| <b>VMIC</b> HUNTSVILLE, AL 35803-3308<br>VME MICROSYSTEMS INTERNATIONAL CORP. |             |                |                        |
| DRAWN: E. JORY                                                                | SIZE A      | FSCM NO. OBPFS | DWG NO. 132-012210-000 |
| CHECKED: <i>C. Muehler</i>                                                    | SCALE .75=1 |                | SHEET 2A               |
| 12-19-94                                                                      |             |                |                        |



# REWORK LEGEND:

- A. REWORK INSTRUCTIONS SHALL BE ACCOMPLISHED ON THE COPPER REVISION(S) INDICATED AND WILL BECOME A PART OF THE ASSEMBLED BOARD.
- B. REWORK INSTRUCTION SYMBOLS:
  - 1. PIN ONE DOT ■
  - 2. DRILL HOLE ●
  - 3. DISCONNECT TRACE ×
  - 4. TRACE ON INTERNAL LAYER -----
  - 5. TRACE ON EXTERNAL LAYER \_\_\_\_\_

# INSTRUCTIONS:

## NOTES:

- ALL ASSEMBLED BOARDS SHALL BE IDENTIFIED WITH THE ASSEMBLED BOARD PART NUMBER. THIS NUMBER INCLUDES THE CURRENT REVISION LETTER LISTED IN THE "REVISION STATUS OF 332" BLOCK (SEE SHEET 1). THE RESULTING PART SHALL BECOME A 332-012210-ABC (REV).
  - THE PART NUMBER FIELDS "ABC" WILL COINCIDE WITH THE OPTIONAL PARTS INSTALLED IN THE COMPLETED ASSEMBLY. IF NO OPTIONAL PARTS ARE USED IN A FIELD, THAT FIELD WILL DEFAULT TO "0".
  - IF NECESSARY, REMOVE AND REPLACE 332 REVISION LETTER WITH CURRENT REVISION LETTER USING EITHER A REMOVABLE NON-SMEARING BLACK INK OR A LABEL.
- SOLDER COMPOSITION COMPLIES WITH MIL-STD-2000.
- SEE DRAWING 150-000022-000 FOR THE ASSEMBLY AND INSTALLATION OF THE FRONT PANEL.
- INSTALL DIODES D2 - D129, ITEM 30, P/N 348-104148-000, PRIOR TO INSTALLING 16 PIN SOCKETS, P/N 321-001316-000.



|                                                                               |                |          |       |
|-------------------------------------------------------------------------------|----------------|----------|-------|
| <b>VMIC</b> HUNTSVILLE, AL 35803-3308<br>VME MICROSYSTEMS INTERNATIONAL CORP. |                |          |       |
| DRAWN:                                                                        | E. JORY        | SCALE    |       |
| CHECKED:                                                                      | C. Mueller     | 12-19-94 |       |
| SIZE                                                                          | A              | FSCM NO. | OBPH5 |
| DWG NO.                                                                       | 132-012210-000 | SHEET    | 3     |

| OPT. |   |     | QTY | I T E M # | REFERENCE DESIGNATOR | PART NO.       | NOMENCLATURE OR DESCRIPTION                                                    | CODE  | REV. | DRAWING NUMBER | CHECKED | SH NO.                       |   |
|------|---|-----|-----|-----------|----------------------|----------------|--------------------------------------------------------------------------------|-------|------|----------------|---------|------------------------------|---|
| A    | B | C   |     |           |                      |                |                                                                                | OBPH5 | B    | 132-012210-000 | DATE    | MANUFACTURER'S PART NO.      | 4 |
|      |   |     | 1   | 1         |                      | 333-012210-000 | BOARD: PC, RAM, 10 LAYERS                                                      |       |      |                | C. Mung | 12/19/94                     | 4 |
|      |   |     | 4   | 2         | REF. P1,2            | 328-250000-010 | SCREW: PAN HEAD, PHILLIPS, M2.5 X 10MM, SS                                     |       |      |                |         |                              |   |
|      |   |     | 2   | 3         | REF. P4              | 328-250000-012 | SCREW: PAN HEAD, PHILLIPS, M2.5 X 12MM, SS                                     |       |      |                |         |                              |   |
|      |   |     | 6   | 4         | REF. P1,2,4          | 328-250001-025 | NUT: METRIC, 2.5MM, HEX, SS                                                    |       |      |                |         |                              |   |
|      |   | A/R | 5   | 5         | REF. P1,2,4          | 316-000002-000 | LOCTITE: SMALL SCREW THREADLOCKER 222                                          |       |      |                |         |                              |   |
|      |   |     | 1   | 6         | U5                   | 303-000793-000 | PROGRAMMED PAL: PAL A, FILE: 2210-05A.PLD, A PROGRAMMED 22V10 (331-300122-100) |       |      |                |         |                              |   |
|      |   |     | 1   | 7         | U1                   | 303-000794-000 | PROGRAMMED PAL: PAL B, FILE: 2210-01A.PLD, A PROGRAMMED 22V10 (331-300122-100) |       |      |                |         |                              |   |
|      |   |     | 1   | 8         | U2                   | 303-000795-000 | PROGRAMMED PAL: PAL D, FILE: 2210-02A.PLD, A PROGRAMMED 22V10 (331-300122-100) |       |      |                |         |                              |   |
|      |   |     | 1   | 9         | U3                   | 303-000796-000 | PROGRAMMED PAL: PAL E, FILE: 2210-03A.PLD, A PROGRAMMED 22V10 (331-300122-100) |       |      |                |         |                              |   |
|      |   |     | 1   | 10        | U6                   | 303-000797-000 | PROGRAMMED PAL: PAL C, FILE: 2210-06A.ADF, A PROGRAMMED EP610 (331-300130-350) |       |      |                |         |                              |   |
|      |   |     | 8   | 11        | U7-10,14,18,22,26    | 303-000798-000 | PROGRAMMED PAL: PAL F, FILE: 2210-XXA.ADF, A PROGRAMMED EP610 (331-300130-350) |       |      |                |         |                              |   |
|      |   |     | 1   | 12        | C47                  | 315-101000-476 | CAP: .47uF, .200 LEAD SPACE, 10%, 10V, TANTALUM                                |       |      |                |         | T35(2,3,6)H476K010AS (KEMET) |   |
|      |   |     | 47  | 13        | C1-46,48             | 315-205002-104 | CAP: .1uF, .300 LEAD SPACE, 20%, 50V, Z5U, CERAMIC MONOLITHIC                  |       |      |                |         | P104M26Z5UFVPM (PHILLIPS)    |   |
|      |   |     | 20  | 14        | H1                   | 321-000015-001 | JUMPER: PC BOARD, 2 POSITION, FEMALE, GOLD PLATED CONTACT, BLACK               |       |      |                |         | MSB-2360-G-C-STP (MCKENZIE)  |   |
|      |   |     | 1   | 15        | H1                   | 321-000017-221 | TERMINAL: PC BOARD, DUAL ROW, .025 THICK, GOLD PLATED, TWENTY-TWO POSTS        |       |      |                |         | PEG4DS-(T,F)BR (CRANE)       |   |

| OPT.                        |   |   | Q U A N T I T Y | I T E M # | VME MICROSYSTEMS INT'L CORP.                                                 |                | CODE                                                                  | REV. | DRAWING NUMBER      | CHECKED        |   | SH NO. |
|-----------------------------|---|---|-----------------|-----------|------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------|------|---------------------|----------------|---|--------|
| A                           | B | C |                 |           | REFERENCE DESIGNATOR                                                         | PART NO.       |                                                                       |      |                     | OBPH5          | B |        |
| PARTS LIST                  |   |   |                 |           |                                                                              |                |                                                                       |      |                     |                |   |        |
| NOMENCLATURE OR DESCRIPTION |   |   |                 |           |                                                                              |                |                                                                       |      |                     |                |   |        |
|                             |   |   | 1               | 16        | REF. P4                                                                      | 321-000048-003 | BRACKET: MULTIPLE FIXING, MALE CONNECTOR FOR 19", LEFT                |      | 09 02 000 9919      | (HARTING)      |   |        |
|                             |   |   | 1               | 17        | REF. P4                                                                      | 321-000048-004 | BRACKET: MULTIPLE FIXING, MALE CONNECTOR FOR 19", RIGHT               |      | 09 02 000 9920      | (HARTING)      |   |        |
|                             |   |   | 1               | 18        | P1                                                                           | 321-000054-001 | CONNECTOR: DIN, 96 PIN WITH EXTENDED GROUND PINS, TYPE C              |      | 536437-6            | (AMP)          |   |        |
|                             |   |   | 2               | 19        | P2,4                                                                         | 321-000054-002 | CONNECTOR: DIN, 96 PIN WITH EXTENDED GROUND PINS, TYPE C              |      | 536437-5            | (AMP)          |   |        |
|                             |   |   | 64              | 20        | K1-64                                                                        | 321-001316-000 | SOCKET: DIP, 16 PIN, .300 ROW, MACHINED PINS (SEE NOTE 4)             |      | ICA-316-S(TT,ST,GT) | (SAMTEC)       |   |        |
|                             |   |   | 13              | 21        | U1-3,5-10,14,18,22, U26                                                      | 321-001324-000 | SOCKET: DIP, 24 PIN, .300 ROW, MACHINED                               |      | ICA-324-SGT         | (SAMTEC)       |   |        |
|                             |   |   | 1               | 22        | U43                                                                          | 331-300438-700 | IC: DIGITAL, QUAD 2-INPUT NAND BUFFER, PLASTIC DIP                    |      | SN74LS38N           | (TI)           |   |        |
|                             |   |   | 25              | 23        | U11, 13, 15, 17, 19, 21, U23, 25, 27, 29, 30, 32, U33, 35, 36, 38-42, U47-51 | 331-304245-703 | IC: DIGITAL, OCTAL BIDIRECTIONAL TRANSCEIVER, TRI-STATE, ZIP PACKAGE  |      | QS74FCT245TZ        | (QUALITY SEMI) |   |        |
|                             |   |   | 1               | 24        | U4                                                                           | 331-304273-600 | IC: DIGITAL, OCTAL D FLIP FLOP, PLASTIC DIP                           |      | SN74LS273N          | (TI)           |   |        |
|                             |   |   | 3               | 25        | U44-46                                                                       | 331-304520-100 | IC: DIGITAL, 8 BIT IDENTITY COMPARETOR, PLASTIC DIP                   |      | SN74ALS20N          | (TI)           |   |        |
|                             |   |   | 8               | 26        | U12, 16, 20, 24, 28, 31, U34, 37                                             | 331-304640-703 | IC: DIGITAL, OCTAL BUS TRANSCEIVER, ZIP PACKAGE                       |      | QS74FCT640TZ        | (QUALITY SEMI) |   |        |
|                             |   |   | 2               | 27        | DLY1, 2                                                                      | 331-309069-075 | MODULE: LOGIC DELAY, 4.75 TO 5.25VDC, 75ns, MULTIPLE OUTPUT, MINI DIP |      | MDLDM-TTL-75        | (EC CO.)       |   |        |
|                             |   |   | 3               | 28        | R1-3                                                                         | 347-000000-472 | RESISTOR: 4.7K OHM, 1/4W, 5%, CARBON FILM                             |      |                     |                |   |        |
|                             |   |   | 1               | 29        | D1                                                                           | 337-000001-110 | DIODE: LED, RED, 5V, 15mA, INTEGRAL RESISTOR, WIRE LEADS              |      | 558-0102-003        | (DIALIGHT)     |   |        |

| OPT. |   |   | Q U A N T I T Y | I T E M # | VME MICROSYSTEMS INTL. CORP. PARTS LIST |                | CODE                                                                        | REV. | DRAWING NUMBER | CHECKED        |           | SH NO. |
|------|---|---|-----------------|-----------|-----------------------------------------|----------------|-----------------------------------------------------------------------------|------|----------------|----------------|-----------|--------|
| A    | B | C |                 |           | REFERENCE DESIGNATOR                    | PART NO.       |                                                                             |      |                | OBPH5          | B         |        |
|      |   |   | 8               | 30        | RP1-8                                   | 347-001002-472 | SIP: 4.7K OHM, BUSSED, 10 PIN, LOW PROFILE                                  |      |                | 132-012210-000 |           | 6      |
|      |   |   | 128             | 31        | D2-129                                  | 348-104148-000 | DIODE: SWITCHING, HIGH CONDUCTANCE, ULTRA FAST, DO-35 OUTLINE (SEE NOTE 4)  |      |                | 1N4148         | (AMPREX)  |        |
|      |   |   |                 | 32        |                                         |                |                                                                             |      |                |                |           |        |
|      |   |   |                 | 33        |                                         |                |                                                                             |      |                |                |           |        |
| A    | 0 | C | 1               | 34        |                                         | 317-000106-000 | F/P ASSY: EXTRUDED EJECTOR, TWO 96 PIN CUTOUT, PANEL MOUNT LED (SEE NOTE 3) |      |                |                |           |        |
| A    | 0 | C | 1               | 35        | REF. P3                                 | 321-000048-003 | BRACKET: MULTIPLE FIXING, MALE CONNECTOR FOR 19", LEFT                      |      |                | 09 02 000 9919 | (HARTING) |        |
| A    | 0 | C | 1               | 36        | REF. P3                                 | 321-000048-004 | BRACKET: MULTIPLE FIXING, MALE CONNECTOR FOR 19", RIGHT                     |      |                | 09 02 000 9920 | (HARTING) |        |
| A    | 0 | C | 1               | 37        | P3                                      | 321-000054-002 | CONNECTOR: DIN, 96 PIN WITH EXTENDED GROUND PINS, TYPE C                    |      |                | 536437-5       | (AMP)     |        |
| A    | 0 | C | 1               | 38        |                                         | 324-002210-100 | LABEL: 1D, 2210, FRONT PANEL (SEE NOTE 3)                                   |      |                |                |           |        |
| A    | 0 | C | 2               | 39        | REF. P3                                 | 328-250000-012 | SCREW: PAN HEAD, PHILLIPS, M2.5 X 12MM, SS                                  |      |                |                |           |        |
| A    | 0 | C | 2               | 40        | REF. P3                                 | 328-250001-025 | NUT: METRIC, 2.5MM, HEX, SS                                                 |      |                |                |           |        |
|      |   |   |                 | 41        |                                         |                |                                                                             |      |                |                |           |        |
| A    | 1 | C | 1               | 42        |                                         | 317-000108-000 | F/P ASSY: EXTRUDED EJECTOR, ONE 64 PIN CUTOUT, BOARD MOUNT LED (SEE NOTE 3) |      |                |                |           |        |
| A    | 1 | C | 1               | 43        |                                         | 324-002210-100 | LABEL: 1D, 2210, FRONT PANEL (SEE NOTE 3)                                   |      |                |                |           |        |

| OPT. |   |   | Q U A N T I T Y | I T E M # | VME <sup>®</sup> PARTS LIST<br>VME MICROSYSTEMS INT'L CORP. |                | CODE                                                                                   | REV. | DRAWING NUMBER | CHECKED |                                | SH NO. |
|------|---|---|-----------------|-----------|-------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------|------|----------------|---------|--------------------------------|--------|
| A    | B | C |                 |           | REFERENCE DESIGNATOR                                        | PART NO.       | OBPH5                                                                                  | B    |                | DATE    |                                |        |
|      |   |   |                 | 44        |                                                             |                |                                                                                        |      |                |         |                                |        |
| 0    | 0 | C | 64              | 45        | K1-64                                                       | 345-000010-005 | RELAY: DUAL COIL LATCHING, DPDT, 5VDC, 30mA, 139 OHMS COIL RESISTANCE (SEE DETAIL "B") |      |                |         | G6AK-274P-ST-US-DC05 (OMIRON)  |        |
| 0    | 1 | C | 32              | 46        | K1-8, 17-24, 33-40 K49-56                                   | 345-000010-005 | RELAY: DUAL COIL LATCHING, DPDT, 5VDC, 30mA, 139 OHMS COIL RESISTANCE (SEE DETAIL "B") |      |                |         | G6AK-274P-ST-US-DC05 (OMIRON)  |        |
| 1    | 0 | C | 64              | 47        | K1-64                                                       | 345-000009-005 | RELAY: COIL, NON-LATCHING, DPDT, 5VDC, 30mA, 167 OHMS COIL RESISTANCE (SEE DETAIL "B") |      |                |         | G6A-274P-ST15-US-DC05 (OMIRON) |        |
| 1    | 1 | C | 32              | 48        | K1-8, 17-24, 33-40, K49-56                                  | 345-000009-005 | RELAY: COIL, NON-LATCHING, DPDT, 5VDC, 30mA, 167 OHMS COIL RESISTANCE (SEE DETAIL "B") |      |                |         | G6A-274P-ST15-US-DC05 (OMIRON) |        |
|      |   |   |                 |           |                                                             |                |                                                                                        |      |                |         |                                |        |
|      |   |   |                 |           |                                                             |                |                                                                                        |      |                |         |                                |        |