

8 7 6 5 4 3 2 1

D

C

B

A

J1

B1B1 -12V  
 B2B2 TCK  
 B3B3 +5V  
 B4B4 TDO  
 B5B5 INTB  
 B6B6 INTD  
 B7B7  
 B8B8  
 B9B9  
 B10B10  
 B11B11 RESERVED  
 B12B12 PRSNT2#  
 B13B13 KEY  
 B14B14  
 B15B15 RESERVED  
 B16B16  
 B17B17 P\_CLK  
 B18B18  
 B19B19 P\_REQ  
 B20B20 PVIO  
 B21B21 P\_AD31  
 B22B22 P\_AD29  
 B23B23  
 B24B24 P\_AD27  
 B25B25 P\_AD25  
 B26B26  
 B27B27 P\_CBE3  
 B28B28 P\_AD23  
 B29B29  
 B30B30 P\_AD21  
 B31B31 P\_AD19  
 B32B32  
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 B34B34 P\_CBE2  
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 B36B36 P\_IRDY  
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 B38B38  
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 B40B40 P\_PERR  
 B41B41 P\_SERR  
 B42B42  
 B43B43 P\_CBE1  
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 B45B45  
 B46B46 P\_AD12  
 B47B47 P\_AD10  
 B48B48 P\_M66ENA  
 B49B49  
 B50B50  
 B51B51  
 B52B52 P\_AD8  
 B53B53 P\_AD7  
 B54B54  
 B55B55 P\_AD5  
 B56B56 P\_AD3  
 B57B57  
 B58B58 P\_AD1  
 B59B59 PVIO  
 B60B60 P\_ACK64  
 B61B61  
 B62B62 +5V  
 B63B63  
 B64B64  
 B65B65  
 B66B66 P\_CBE6  
 B67B67 P\_CBE4  
 B68B68  
 B69B69 P\_AD63  
 B70B70 P\_AD61  
 B71B71 PVIO  
 B72B72 P\_AD59  
 B73B73 P\_AD57  
 B74B74  
 B75B75 P\_AD55  
 B76B76 P\_AD53  
 B77B77  
 B78B78 P\_AD51  
 B79B79 P\_AD49  
 B80B80 PVIO  
 B81B81 P\_AD47  
 B82B82 P\_AD45  
 B83B83  
 B84B84 P\_AD43  
 B85B85 P\_AD41  
 B86B86  
 B87B87 P\_AD39  
 B88B88 P\_AD37  
 B89B89 PVIO  
 B90B90 P\_AD35  
 B91B91 P\_AD33  
 B92B92  
 B93B93  
 B94B94

A1A1 TRST\_L  
 A2A2 +12V  
 A3A3 TMS  
 A4A4 TDI  
 A5A5 +5V  
 A6A6 INTA  
 A7A7 INTC  
 A8A8 +5V  
 A9A9  
 A10A10 RESERVED  
 A11A11 PVIO  
 A12A12 RESERVED  
 A13A13 KEY  
 A14A14 RESERVED  
 A15A15  
 A16A16 P\_RST  
 A17A17 PVIO  
 A18A18 P\_GNT  
 A19A19  
 A20A20 RESERVED  
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 A22A22  
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 A25A25  
 A26A26 P\_AD24  
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 A28A28  
 A29A29 P\_AD22  
 A30A30 P\_AD20  
 A31A31  
 A32A32 P\_AD18  
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 A34A34  
 A35A35 P\_FRAME  
 A36A36  
 A37A37 P\_TRDY  
 A38A38  
 A39A39 P\_STOP  
 A40A40  
 A41A41  
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 A43A43  
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 A45A45 P\_AD15  
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 A49A49  
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 A94A94

21-XXXX-00  
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 P\_CLK P3  
 P\_RST R1  
 P\_GNT W1  
 P\_IDSEL  
 P\_M66ENA V12  
 PVIO F19  
 P\_AD0 Y17  
 P\_AD1 V15  
 P\_AD2 U14  
 P\_AD3 Y16  
 P\_AD4 V14  
 P\_AD5 Y15  
 P\_AD6 Y14  
 P\_AD7 V13  
 P\_AD8 Y13  
 P\_AD9 U12  
 P\_AD10 W12  
 P\_AD11 Y12  
 P\_AD12 U11  
 P\_AD13 W11  
 P\_AD14 Y11  
 P\_AD15 V10  
 P\_AD16 V6  
 P\_AD17 Y5  
 P\_AD18 V5  
 P\_AD19 Y3  
 P\_AD20 U5  
 P\_AD21 V4  
 P\_AD22 W4  
 P\_AD23 V3  
 P\_AD24 T4  
 P\_AD25 V1  
 P\_AD26 U2  
 P\_AD27 T3  
 P\_AD28 U1  
 P\_AD29 T2  
 P\_AD30 R3  
 P\_AD31 P4  
 P\_AD32 G19  
 P\_AD33 G20  
 P\_AD34 H18  
 P\_AD35 H19  
 P\_AD36 H20  
 P\_AD37 J17  
 P\_AD38 J18  
 P\_AD39 J19  
 P\_AD40 J20  
 P\_AD41 K17  
 P\_AD42 K19  
 P\_AD43 K20  
 P\_AD44 L18  
 P\_AD45 L19  
 P\_AD46 M20  
 P\_AD47 M19  
 P\_AD48 M18  
 P\_AD49 M17  
 P\_AD50 N19  
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 P\_AD57 R18  
 P\_AD58 T20  
 P\_AD59 T18  
 P\_AD60 U20  
 P\_AD61 T17  
 P\_AD62 U18  
 P\_AD63 U19

21-XXXX-00  
 21153  
 T1  
 Y9 P\_REQ  
 W9 P\_PAR  
 V9 P\_SERR  
 U9 P\_PERR  
 W8 P\_LOCK  
 V8 P\_STOP  
 V7 P\_TRDY  
 Y6 P\_IRDY  
 W17 P\_FRAME  
 V16 P\_REQ64  
 V16 P\_ACK64  
 G18 P\_PAR64  
 W13  
 W10 P\_CBE0  
 U7 P\_CBE1  
 V2 P\_CBE2  
 V18 P\_CBE3  
 W18 P\_CBE4  
 U16 P\_CBE5  
 Y18 P\_CBE7  
 E20 CONFIG  
 G17 MSK\_IN  
 F18 TDI  
 E18 TMS  
 D19 TCK  
 C20 S\_TRST  
 J4 S\_CLK  
 J2 S\_CFN  
 B15 S\_M66ENA  
 E17 SVIO  
 S\_CLK S\_CLK  
 S\_CFN S\_CFN  
 S\_M66ENA S\_M66ENA  
 SVIO SVIO  
 S\_RST H1  
 S\_PAR B12  
 S\_SERR B11  
 S\_PERR C11  
 S\_LOCK A11  
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 S\_DEVSEL B10  
 S\_TRDY D10  
 S\_IRDY A9  
 S\_FRAME B9  
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 S\_CBE1 C12  
 S\_CBE2 D9  
 S\_CBE3 D7  
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 S\_CLK1 L3  
 S\_CLK2 L4  
 S\_CLK3 M1  
 S\_CLK4 M2  
 S\_CLK5 M3  
 S\_CLK6 M4  
 S\_CLK7 N2  
 S\_CLK8 N3  
 S\_CLK9 P1  
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 S\_GNT2 G4  
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 S\_GNT4 G3  
 S\_GNT5 G2  
 S\_GNT6 G1  
 S\_GNT7 H3  
 S\_GNT8 H2  
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 NS\_REQ1 C2  
 NS\_REQ2 D2  
 NS\_REQ3 D3  
 NS\_REQ4 E4  
 NS\_REQ5 C1  
 NS\_REQ6 D1  
 NS\_REQ7 E3  
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 S\_AD1 C19  
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 S\_AD22 C7  
 S\_AD23 B6  
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 S\_AD28 B4  
 S\_AD29 D5  
 S\_AD30 C4  
 S\_AD31 B2

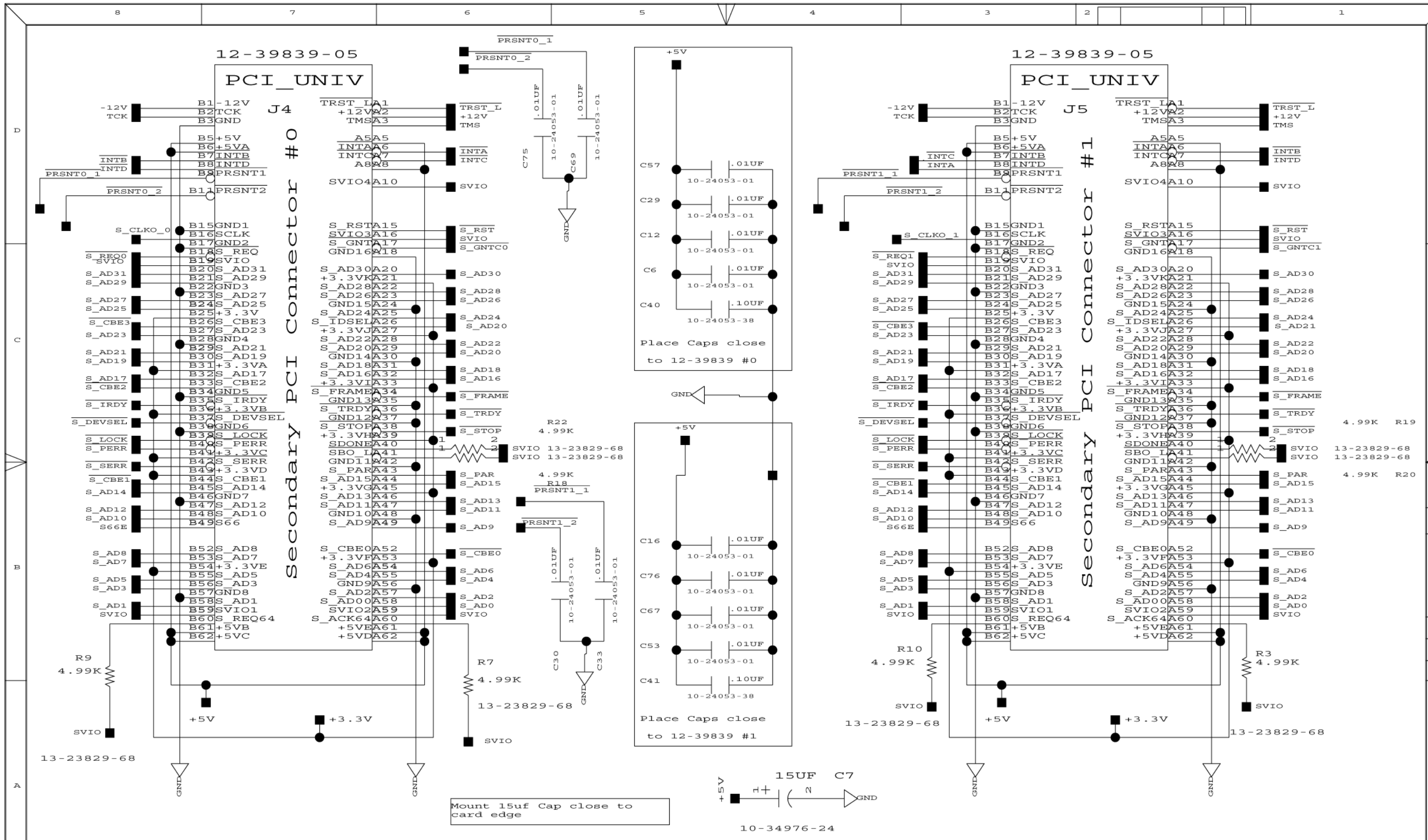
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 S\_PERR C11  
 S\_LOCK A11  
 S\_STOP A10  
 S\_DEVSEL B10  
 S\_TRDY D10  
 S\_IRDY A9  
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 S\_CBE2 D9  
 S\_CBE3 D7  
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 S\_CLK1 L3  
 S\_CLK2 L4  
 S\_CLK3 M1  
 S\_CLK4 M2  
 S\_CLK5 M3  
 S\_CLK6 M4  
 S\_CLK7 N2  
 S\_CLK8 N3  
 S\_CLK9 P1  
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 S\_GNT1 F3  
 S\_GNT2 G4  
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 S\_GNT6 G1  
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 NS\_REQ2 D2  
 NS\_REQ3 D3  
 NS\_REQ4 E4  
 NS\_REQ5 C1  
 NS\_REQ6 D1  
 NS\_REQ7 E3  
 NS\_REQ8 E2  
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 S\_AD2 C18  
 S\_AD3 C17  
 S\_AD4 D16  
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 S\_AD6 C16  
 S\_AD7 B16  
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 S\_AD9 D14  
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 S\_AD11 C14  
 S\_AD12 B14  
 S\_AD13 C13  
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 S\_AD15 D12  
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 S\_AD17 B8  
 S\_AD18 C8  
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 S\_AD21 A6  
 S\_AD22 C7  
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 S\_AD24 C6  
 S\_AD25 B5  
 S\_AD26 A4  
 S\_AD27 C5  
 S\_AD28 B4  
 S\_AD29 D5  
 S\_AD30 C4  
 S\_AD31 B2

21153-P, 21153-S

21153-P, 21153-S

|                      |                  |                       |
|----------------------|------------------|-----------------------|
| ENG. J. Patel        | DATE June, 20 96 | TITLE: Keystone-EB153 |
| BOARD LOCATION:      |                  |                       |
| SHEET 1 OF 6         | SIZE B           | CODE                  |
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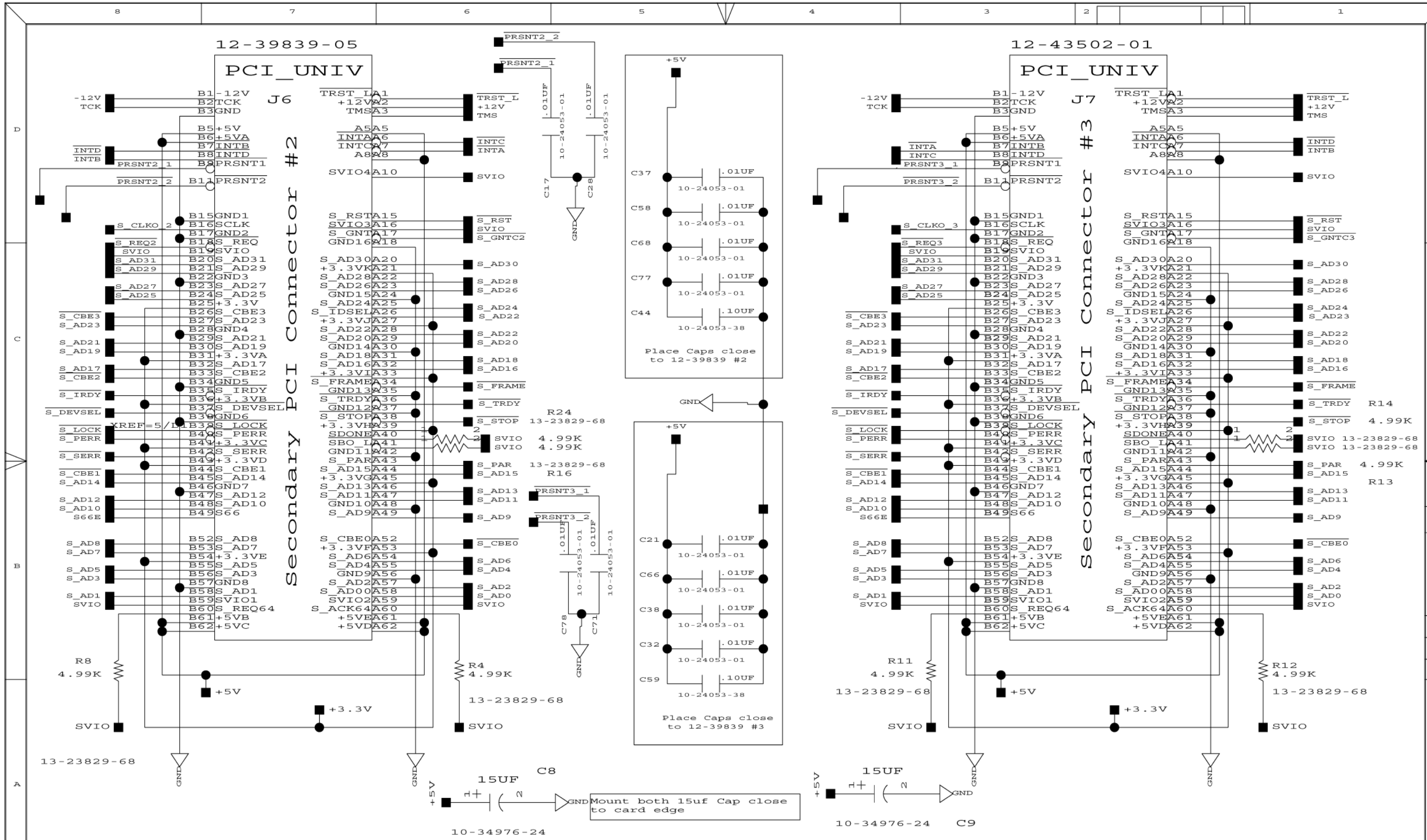




| REVISION |            |     |
|----------|------------|-----|
| CHK      | CHANGE NO. | REV |
|          |            |     |

EC-QVATA-TE

|        |                             |                      |              |      |               |        |                |
|--------|-----------------------------|----------------------|--------------|------|---------------|--------|----------------|
| DRN.   | DATE                        | ENG.                 | J.Patel      | DATE | June 20, 1996 | TITLE: | Keystone-EB153 |
| CHK'D. | DATE                        | BOARD LOCATION:      | SHEET 3 OF 6 |      | SIZE          | CODE   | NUMBER         |
| USRA:  | FIRST USED ON OPTION/MODEL: | TOP DOCUMENT NUMBER: | REV. AXO     |      |               |        |                |



12-39839-05

12-43502-01

PCI\_UNIV

PCI\_UNIV

Secondary PCI Connector #2

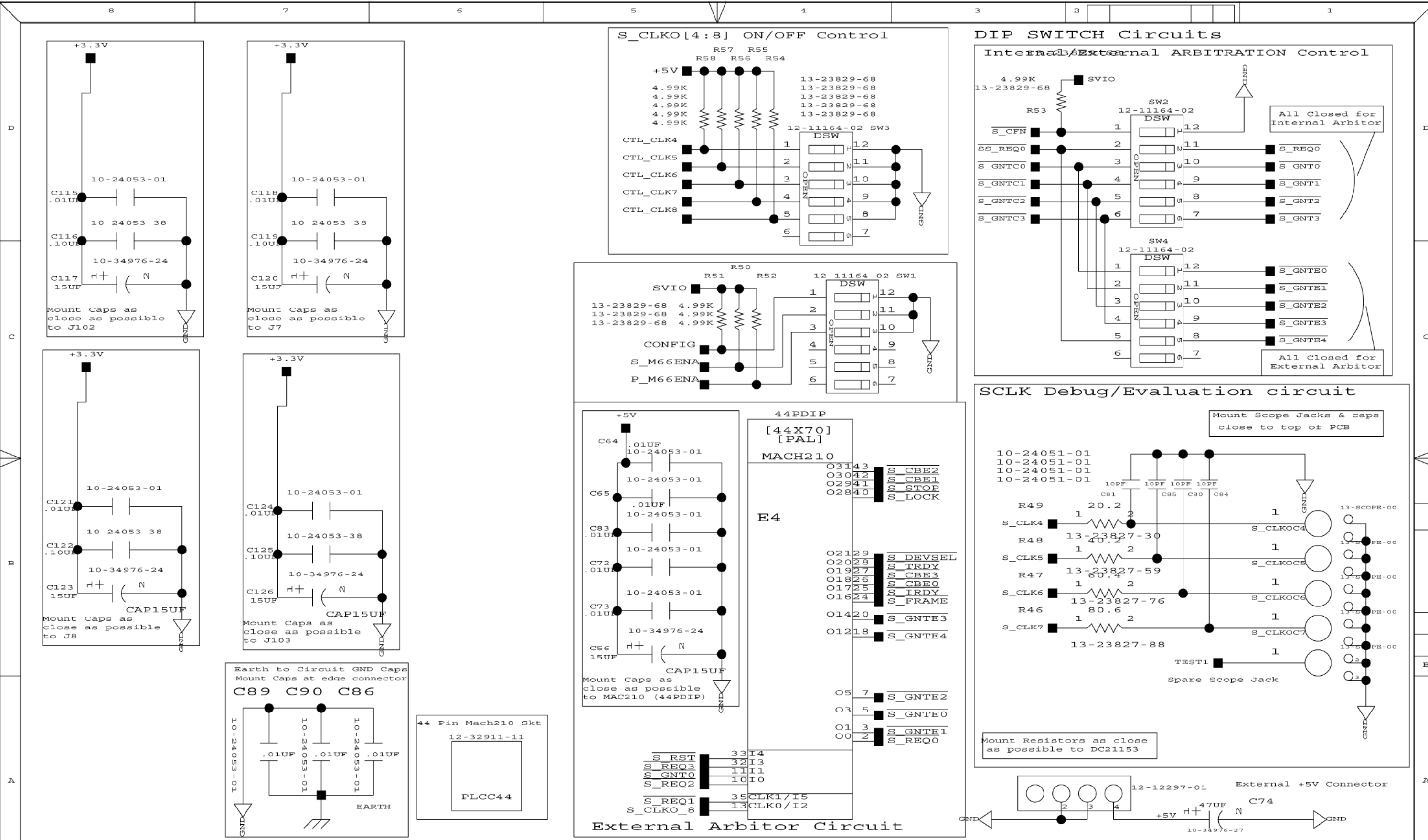
Secondary PCI Connector #3

Mount both 15uf Cap close to card edge

|            |     |
|------------|-----|
| REVISION   | REV |
| CHANGE NO. | REV |

EC-QVATA-TE

|        |                             |                      |          |      |               |        |                |
|--------|-----------------------------|----------------------|----------|------|---------------|--------|----------------|
| DRN.   | DATE                        | ENG.                 | J. Patel | DATE | June 20, 1996 | TITLE: | Keystone-EB153 |
| CHK'D. | DATE                        | BOARD LOCATION:      | SHEET 4  | OP 5 | SIZE          | CODE   | NUMBER         |
| USRA:  | FIRST USED ON OPTION/MODEL: | TOP DOCUMENT NUMBER: |          |      |               |        | REV. AXO       |



| REVISION           | DATE | ENG.     | DATE          | TITLE:         |
|--------------------|------|----------|---------------|----------------|
| CHK CHANGE NO. REV |      | J. Patel | June 20, 1996 | Keystone-EB153 |

EC-QVATA-TE

| USRA:                       | DATE | SIZE | CODE | NUMBER | REV. |
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| FIRST USED ON OPTION/MODEL: |      | B    |      |        |      |

| DRN.                 | DATE | ENG.         | DATE          | TITLE:                |
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| CHK'D.               |      | J. Patel     | June 20, 1996 | Keystone-EB153        |
| BOARD LOCATION:      |      | SHEET 5 OF 6 |               | SIZE CODE NUMBER REV. |
| TOP DOCUMENT NUMBER: |      |              |               | B                     |

