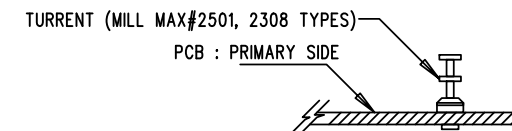


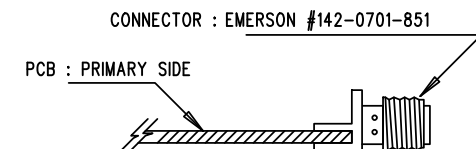
| REVISION HISTORY | | | | |
|------------------|-----|-------------|-----------|----------|
| ECO | REV | DESCRIPTION | APP. ENG. | DATE |
| — | 3 | PRODUCTION | C. MAYOTT | 01-30-14 |

NOTES: UNLESS OTHERWISE SPECIFIED

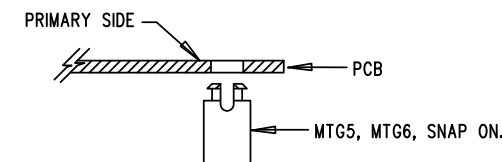
1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.
2. ASSEMBLY PROCESS SHALL INCLUDE REFLOW SOLDER TOP AND BOTTOM SIDES. MAXIMUM SOLDER TEMPERATURE SHALL NOT EXCEED 240 DEGREES CELSIUS.
3. OPTIONAL PARTS ARE SPECIFIED ON THE BILL OF MATERIALS. LAND PATTERNS FOR THESE PARTS SHALL BE FREE OF SOLDER. MASK THE SOLDER STENCIL AT THESE LOCATIONS.
4. INSTALL SHUNTS ON JP1-JP2 AS DEPICTED.
5. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT THE BREAKOUT TABS ON ALL BOARD EDGES.
6. DO NOT APPLY QA OR ASSEMBLY STAMPS TO BOARD.
7. INSTALL TURRETS E1-E12 AS SHOWN BELOW:



8. INSTALL J5, J6 SIDE-LAUNCH SMA CONNECTORS AS SHOWN BELOW:



9. INSTALL 2 STANDOFFS AT 2 LOCATIONS AS SHOWN BELOW:



10. J1-J4 AND J7-J9 SHALL BE INSTALLED ON PRIMARY SIDE.
11. J10, J11 INSTALLED ON SECONDARY SIDE.
12. MARK EACH LTC PART NUMBER AND ASSEMBLY TYPE WITH BLACK PERMANENT MARKER AS SHOWN IN TABLES BELOW:

| ASSY | U1 |
|------|--------------|
| -A | LTC2000IY-16 |
| -B | LTC2000IY-14 |
| -C | LTC2000IY-11 |

| ASSY | U1 |
|------|---------------|
| -D | LTC2000AIY-16 |
| -E | LTC2000AIY-14 |
| -F | LTC2000AIY-11 |

| APPROVALS | | | | |
|--------------|-----------|---------------------------------------|-------------------------|------------|
| PCB DES. | M.HAWKINS | | | |
| APP ENG. | C.MAYOTT | TITLE: ASSEMBLY DRAWING, PRIMARY SIDE | | |
| | | LTC2000 HIGH SPEED DAC | | |
| | | SIZE | IC NO. LTC2000-X FAMILY | REV. |
| | | N/A | DEMO CIRCUIT 2085A | 3 |
| SCALE = NONE | | FILENAME: DC2085A-3.PCB | | SHT 1 OF 2 |

1630 MCCARTHY BLVD
MILPITAS, CA 95035
PH: (408)432-1900
www.linear.com
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