

SILKSCREEN TOP
 LINEAR TECH CORP.
 DEMO CIRCUIT 1598A-2 * LTC3112EDHD
 15V, 2.5A SYNCHRONOUS BUCK-BOOST
 DC/DC CONVERTER
 DATE: 10-07-10

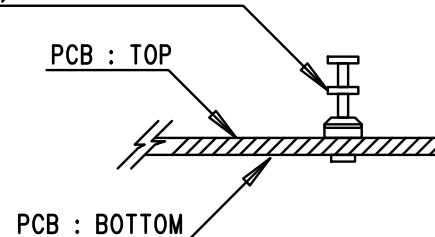
REVISION HISTORY

| ECO | REV | DESCRIPTION | APPR | DATE |
|-----|-----|----------------|--------|----------|
| - | 2 | PRODUCTION FAB | JIM N. | 10-07-10 |

NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.
2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER TOP SIDE SMD.
3. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS
 LOCATIONS OF OMITTED PARTS SHALL BE FREE OF SOLDER.
 MASK THE SOLDER STENCIL WHERE SMT PARTS ARE OMITTED.
4. INSTALL SHUNTS AS SHOWN ON ASSY DRAWING.
5. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT THE BREAKOUT
 TABS ON FOUR SIDES OF THE BOARD EDGE.
6. MAXIMUM SOLDER TEMPERATURE IS 240 DEGREES CELCIUS.
7. INSTALL TURRETS AS SHOWN BELOW:

(5 PLCS) : MILL-MAX 2501-2



APPROVALS

| | NAME | DATE |
|----------|--------|----------|
| PCB DES. | NC | 10-07-10 |
| APP ENG. | JIM N. | 10-07-10 |
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| | | |

SCALE = NONE



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TITLE: TOP ASSEMBLY DRAWING:
 15V, 2.5A SYNCHRONOUS BUCK-BOOST
 DC/DC CONVERTER

| | | |
|-------------|--|-----------|
| SIZE N/A | IC NO. LTC3112EDHD DEMO CIRCUIT 1598A | REV. 2 |
|-------------|--|-----------|

FILENAME: DC1598A-2.PCB

SHT 1 of 2