

DC1626a-2.pcb - Tue Oct 25 13:40:01 2011

REVISION HISTORY

| ECO | REV | DESCRIPTION | APP. ENG. | DATE    |
|-----|-----|-------------|-----------|---------|
| -   | 2   | PRODUCTION  | MIKE S.   | 5-11-11 |

NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.

2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER TOP SIDE SMD. MAXIMUM SOLDER TEMPERATURE IS 240 DEGREES CELSIUS.

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. DO NOT APPLY ANY KIND OF ASSEMBLY STAMP OR QA STAMP TO ANY BOARD.

7. INSTALL 4 STANDOFFS AT 4 LOCATIONS AS SHOWN BELOW:

TOP SIDE

BOTTOM SIDE

4X STANDOFF, NYLON, SNAP ON.

8. THE VENDOR SHOULD ALSO MARK THE VERSION A OR B IN THE WHITE BLANK SPACE ON THE SILKSCREEN FOLLOWING THE BOM INSTRUCTION.

APPROVALS

| PCB DES.     | HZ      |
|--------------|---------|
| APP ENG:     | MIKE S. |
|              |         |
|              |         |
|              |         |
| SCALE = NONE |         |

LINEAR TECHNOLOGY

1630 MCCARTHY BLVD  
MILPITAS, CA 95035  
PH: (408)432-1900  
WWW.LINEAR.COM  
LTC CONFIDENTIAL -  
FOR CUSTOMER USE ONLY

TITLE: TOP ASSEMBLY DRAWING

WIDE INPUT RANGE, HIGH EFFICIENCY  
DUAL STEP-DOWN DC-DC CONVERTER

REV.

2

SIZE

IC NO. LTC3838EFE

N/A

DEMO CIRCUIT 1626A-A/B

FILENAME: DC1626A-2.PCB

SHT 1 OF 2

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VIN

4.5V-26V

J1

VIN+

E3

CIN1

CIN2

Q1

Q2

Q3

Q4

CIN3

CIN4

CIN5

Q1

Q2

Q3

Q4

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