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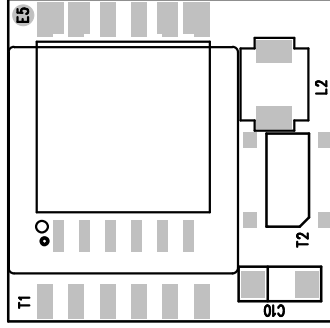
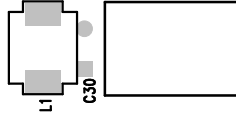
LT3825EFE
SYNCHRONOUS FLYBACK CONVERTER
DEMO CIRCUIT 894C-

+VIN
36V-72V

E1

E2

-VIN



3.3V@12A

5V@8A

12V@4A

+VOUT

E3

C29

-VOUT

E4

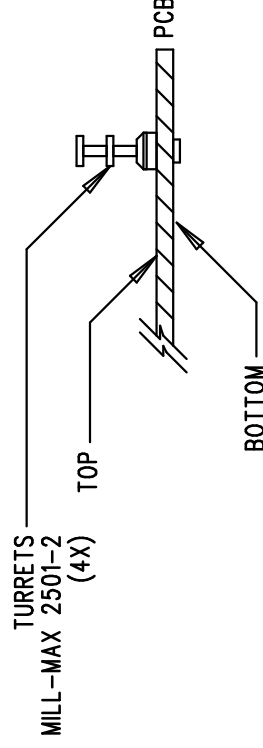
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TOP SILKSCREEN

MARK DASHED VERSION
SELECT APPROPRIATE VOLTAGE

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, 250 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 TURRETS AS SHOWN.



REVISION HISTORY

| ECO | REV | DESCRIPTION | APP. ENG. | DATE |
|-----|-----|-------------|-----------|----------|
| | 1 | PRODUCTION | KURT M. | 06/03/11 |

APPROVALS

PCB DES. MI

APP. ENG. KURK M.

TITLE: TOP ASSEMBLY DRAWING,

SYNCHRONOUS FLYBACK CONVERTER

SIZE IC NO. LT3825EFE

REV

N/A DEMO CIRCUIT 894C

1

SCALE: NONE

FILENAME: 894C-1.PCB

SHT 1 of 2

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