

90°

270VAC

50/60Hz

1/2

E1

C1

F1

E2

N

R30

C4

Q1

T1

L1

C3

LT3799EMSE

C20

E4

E5

LED-

LED+

C10

C11

TOP SILKSCREEN

6 4X

REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVAL	DATE
	2	PRODUCTION	WEI G.	02/01/11

NOTES: UNLESS OTHERWISE SPECIFIED,

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

2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER
SMD. MAXIMUM SOLDER TEMPERATURE, 240 DEG. C.

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. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT THE
BREAKOUT TABS ON FOUR SIDES OF THE BOARD EDGE.

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

6 INSTALL TURRETS AS SHOWN.

APPROVALS

PCB DES.	MI
APP. ENG.	WEI G.
SCALE: NONE	

LINEAR
TECHNOLOGY

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PH: (408)432-1900
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FOR CUSTOMER USE ONLY

TITLE: TOP ASSEMBLY DRAWING,
OFFLINE ISOLATED FLYBACK LED
CONTROLLER WITH PFC

SIZE	IC NO.	REV
N/A	LT3799EMSE DEMO CIRCUIT 1595A	2

FILENAME: 1595a-2.PCB

SHT 1 of 2