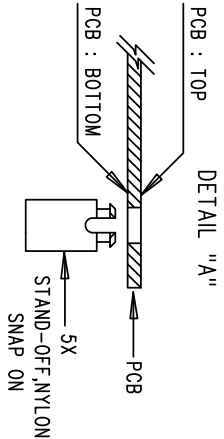


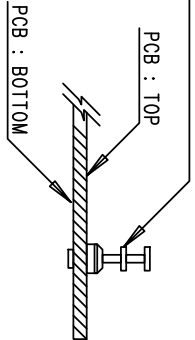
REVISION HISTORY			
ECO	REV	DESCRIPTION	DATE
-	1	PRODUCTION FAB	JIM D.

NOTES: UNLESS OTHERWISE SPECIFIED

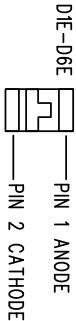
1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.
2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER TOP SIDE SMD. MAXIMUM SOLDER TEMPERATURE IS 240 DEGREES CELSIUS.
3. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS LOCATIONS OF OMITTED PARTS SHALL BE FREE OF SOLDER. MASK THE SOLDER STENCIL 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 TURRETS, STAND-OFFS AND BANANA JACKS AS SHOWN BELOW:



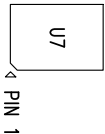
- (5 PLCS) : MILL-MAX 2308
(18 PLCS) : MILL-MAX 2501-2



8. INSTALL LED'S DIE-D6E AS SHOWN:
LITE-ON, LTST-C193KGT-5A



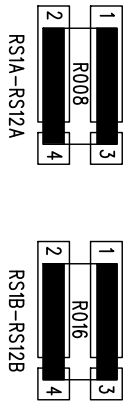
9. INSTALL U7 AS SHOWN BELOW:
- TOP VIEW
- BOTTOM VIEW




NOTE: FOR ASSEMBLY AND REFLOW RECOMMENDATIONS
PLEASE USE LINK PROVIDED BELOW:
http://cds.linear.com/docs/en/product-info/L2_BGA-assy_July2012.pdf

10. INSTALL RSxA and RSxB SENSE RESISTORS AS SHOWN BELOW:

COMPONENTS: SUSUMU, PRL632 SHALL BE PLACED
OVERLAPPING 4 PADS ON PCB FOOTPRINTS AS SHOWN BELOW.



APPROVALS		 830 MCCARTHY BLVD MILPITAS, CA 95035 TEL: 408.596.7000 www.linear.com FOR CUSTOMER USE ONLY
PCB DES. INC.	TITLE: TOP ASSEMBLY DRAWING	
APP ENG. JIM D.	HIGH EFFICIENCY BIDIRECTIONAL MULTICELL BATTERY BALANCER	
	SIZE IC NO. LTC3300LX-1/LTC6803G-2-REV. N/A DEMO CIRCUIT 2064A	
SCALE = NONE		SHT 1 of 2

