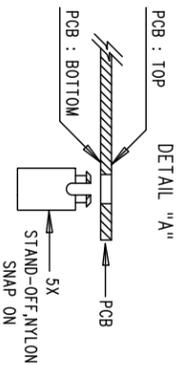


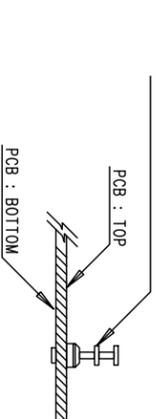
REVISION HISTORY			
ECO	REV	DESCRIPTION	DATE
-	4	PRODUCTION <td>3-11-14</td>	3-11-14

NOTES: UNLESS OTHERWISE SPECIFIED

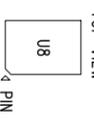
1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.
2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER TOP SIDE SMD. MAXIMUM SOLDER TEMPERATURE IS <250 DEGREES CELSIUS.
3. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS. LOCATIONS OF OMITTED PARTS SHALL BE FREE OF SOLDER. MASK THE SOLDER STENCIL 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. APPLY ASSEMBLY STAMP OR QA STAMP ON BOTTOM SIDE OF 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-DEE AS SHOWN:
LITE-ON, L1ST-C190KGKT
DIE-DEE
PIN 1 ANODE
PIN 2 CATHODE
- INSTALL LED'S D15, D16 AS SHOWN:
D15-LITE-ON, L1ST-C190KGKT
D16-LITE-ON, L1ST-C190KFKT
D15, D16
PIN 1 ANODE
PIN 2 CATHODE
9. INSTALL UB AS SHOWN BELOW:
TOP VIEW
BOTTOM VIEW

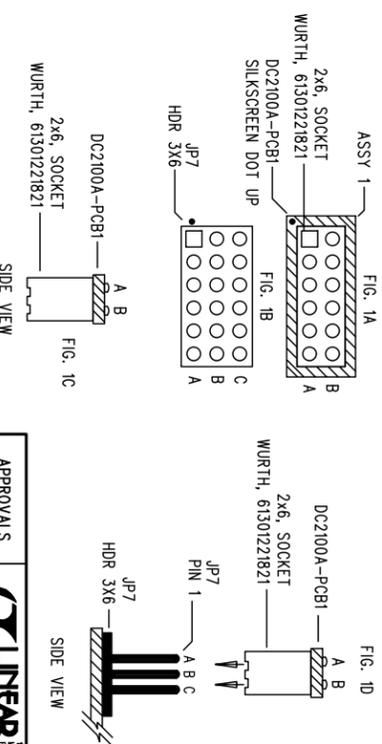


NOTE: FOR ASSEMBLY AND REFLOW RECOMMENDATIONS
PLEASE USE LINK PROVIDED BELOW:
http://cds.linear.com/docs/en/product-info/L2_BGA-assy_July2012.pdf

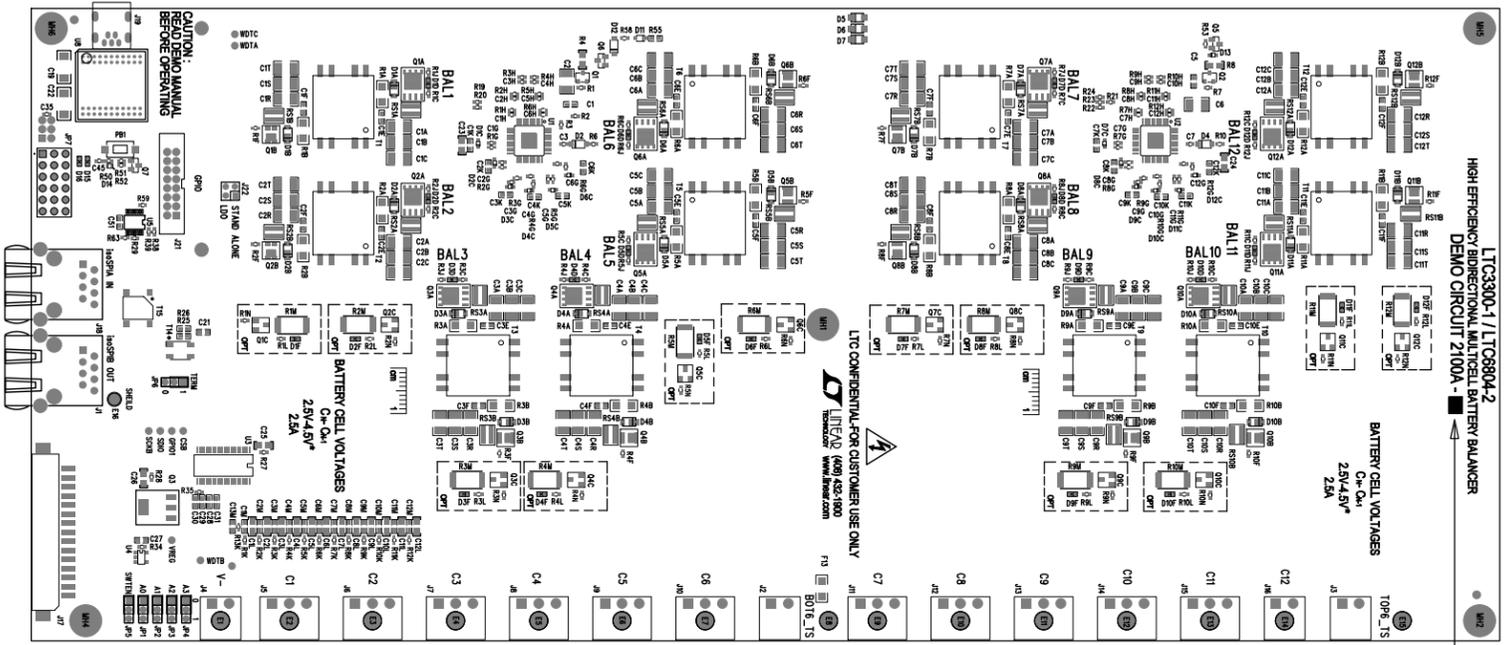
[10] THERE ARE 4 ASSEMBLY VERSIONS FOR THIS DESIGN: -A AND -B, -C AND -D. PLEASE SEE BILL OF MATERIALS TO MARK EACH VERSION CORRECTLY BY BLACK PERMANENT MARKER.

[11] INSTALLATION OF DC2100A-ASSY 1 FOR DC2100A-A, -B, -C AND -D, IS AS FOLLOWS: REFER TO FIG. 1A, 1B, 1C AND 1D.

- PLUG ASSY 1 INTO JP7 ROWS B AND C FOR BUILD 010N -A AND -C
- PLUG ASSY 1 INTO JP7 ROWS A AND B FOR BUILD 010N -B AND -D
- PLACE ASSEMBLY WITH SILKSCREEN DOT FACING UP.



APPROVALS		LTC3300A-1/LTC3300A-2	
PCB DESI, INC.	DATE: 03/11/14	DATE: 03/11/14	DATE: 03/11/14
APP. ENG: JIM D.	TITLE: TOP ASSEMBLY DRAWING:	APP. ENG: JIM D.	TITLE: HIGH EFFICIENCY BIDIRECTIONAL MULTICELL BATTERY BALANCER
	SIZE: N/A	IC NO: LTC3300LKE-1/LTC3300LKE-2-REV. 4	DEM. CIRCUIT: 2100A
	SCALE: NONE	FILENAME: DC2100A-4-PCB	SHT 1 OF 2



LTC3300A-1/LTC3300A-2
HIGH EFFICIENCY BIDIRECTIONAL MULTICELL BATTERY BALANCER
DEMO CIRCUIT 2100A -

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CAUTION:
BEFORE OPERATING