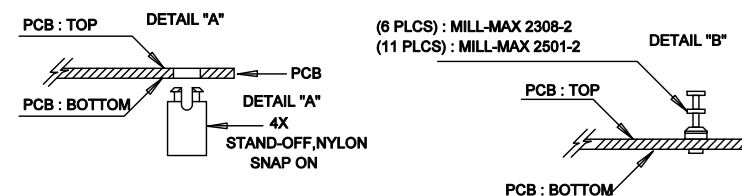


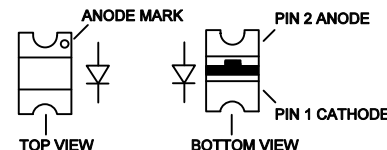
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
-	04	PRODUCTION	MM	10-17-17

## NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610, CLASS 2.
2. ASSEMBLY REFLOW PROFILE SHALL BE IN ACCORDANCE WITH J-STD-020 WITH MAXIMUM SOLDER TEMPERATURE OF 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 TO BOTTOM OF BOARD (UNSHOWY AREA).
7. INSTALL TURRETS AND STAND-OFFS AS SHOWN BELOW:

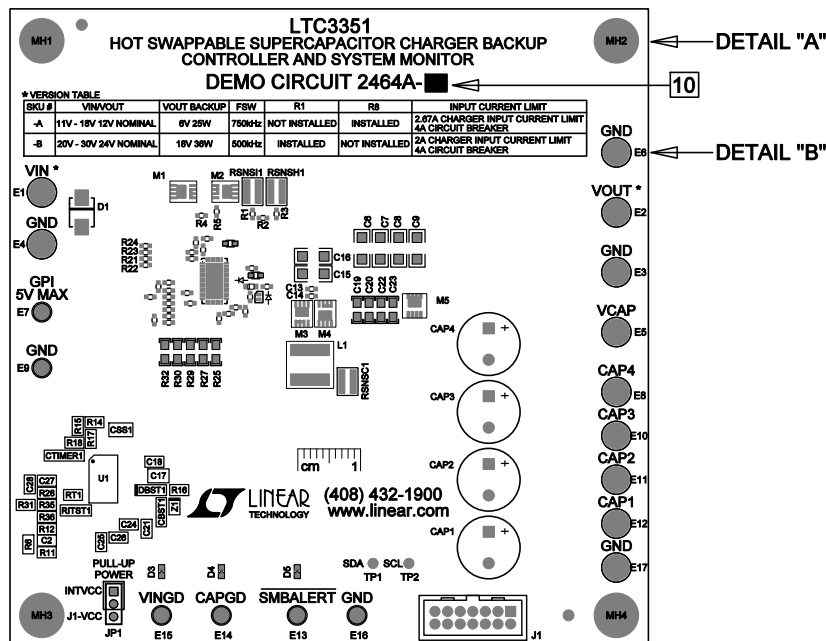


8. INSTALL LED'S D3, D4 AND D5 AS SHOWN:



9. APPLY DEMO S/N AT AREA ON BOTTOM SIDE AS SHOWN ON SHEET 2.

10. THERE ARE TWO ASSEMBLY VERSIONS FOR THIS DESIGN: -A AND -B PLEASE SEE BILL OF MATERIALS AND TABLE BELOW TO MARK EACH VERSION CORRECTLY BY BLACK PERMANENT MARKER.



### \*VERSION TABLE

SKU #	VIN/VOUT	VOUT BACKUP	FSW	R1	R8	INPUT CURRENT LIMIT
-A	11V - 18V 12V NOMINAL	6V 25W	750kHz	NOT INSTALLED	INSTALLED	2.67A CHARGER INPUT CURRENT LIMIT 4A CIRCUIT BREAKER
-B	20V - 30V 24V NOMINAL	18V 36W	500kHz	INSTALLED	NOT INSTALLED	2A CHARGER INPUT CURRENT LIMIT 4A CIRCUIT BREAKER

APPROVALS			
PCB DES.	NC		
APP ENG.	MM	TITLE: TOP ASSEMBLY DRAWING: HOT SWAPPABLE SUPERCAPACITOR CHARGER BACKUP CONTROLLER AND SYSTEM MONITOR	
		SIZE	IC NO.
		N/A	LTC3351
			DEMO CIRCUIT 2464A-A/B
		SCALE = NONE	REV. 04
		FILENAME:	SHT 1 of 2

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