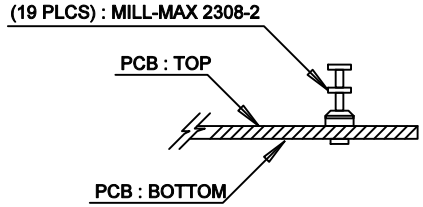
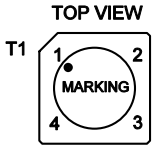
REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	1	PRODUCTION	ZP	12-17-15

NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.
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. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT THE BREAKOUT TABS ON FOUR SIDES OF THE BOARD EDGE.
5. INSTALL TURRETS SHOWN BELOW:



6. TRANSFORMER T1 NEEDS TO BE INSTALLED AS SHOWN BELOW: PLACEMENT ORIENTATION USING: WURTH, 74488540070 TRANSFORMER

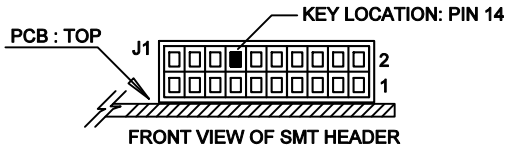


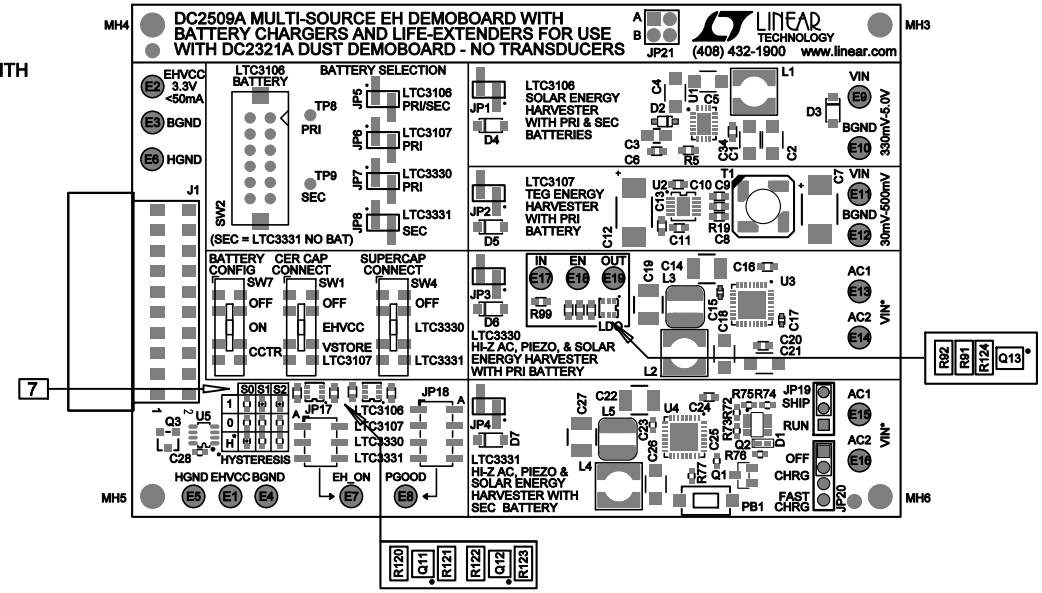
7. COMPONENT PLACEMENT FOR RESISTORS AS SHOWN BELOW:

	S0	S1	S2
1	R78	R80	R82
0	R79	R81	R83
H*	R84	R85	R86

*HYSTERESIS

8. ENSURE HEADER KEY FOR J1 IS INSTALLED AND LOCATED AS SHOWN BELOW.





APPROVALS	
PCB DES.	NC
APP ENG.	ZP

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TITLE: TOP ASSEMBLY DRAWING:
MULTI-SOURCE EH DEMOBOARD WITH BATTERY CHARGERS AND LIFE - EXTENDERS FOR USE WITH DC2321A DUST DEMOBOARD WITH NO TRANSDUCERS

SIZE	IC NO.	REV.
N/A	DEMO CIRCUIT 2509A	1

SCALE = NONE | FILENAME: DC2509A-1.PCB | SHT 3 of 4