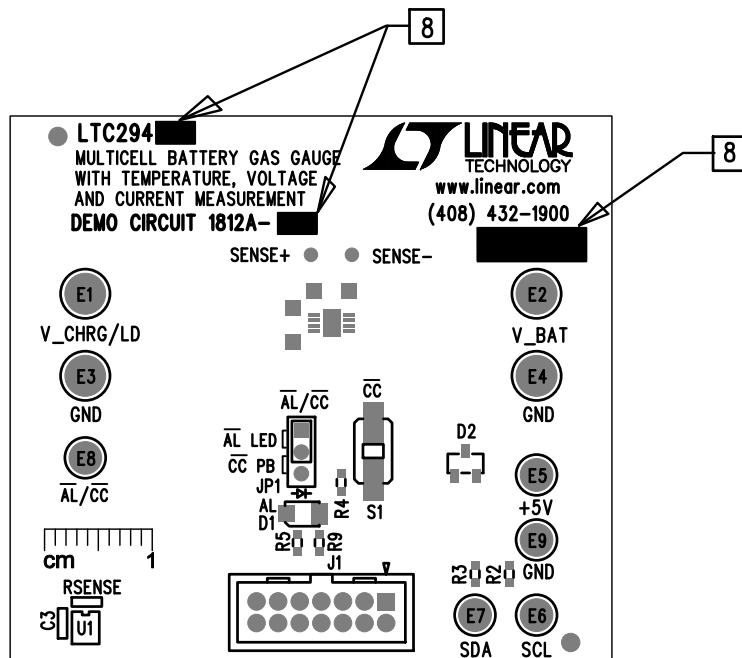


REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	3	PRODUCTION	S. AFZAL	8-10-15



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 D1 AS SHOWN BELOW:



8 MARK EACH SUFFIX AND V_BAT ASSEMBLY TYPE WITH BLACK PERMANENT MARKER AS SHOWN IN TABLE BELOW:

ASSY	U1	SUFFIX	V_BAT
-A	LTC2943	3	3.6V-20V
-B	LTC2944	4	3.6V-60V
-C	LTC2943-1	3-1	3.6V-20V

APPROVALS

PCB DES.	LT
APP ENG.	S. AFZAL
SCALE = NONE	



1630 MCCARTHY BLVD
MILPITAS, CA 95035
PH: (408)432-1900
www.linear.com
LTC CONFIDENTIAL-
FOR CUSTOMER USE ONLY

TITLE: TOP ASSEMBLY DRAWING MULTICELL BATTERY GAS GAUGE WITH TEMPERATURE, VOLTAGE AND CURRENT MEASUREMENT		
SIZE N/A	IC NO. LTC294XCDD DEMO CIRCUIT 1812A	REV. 3
FILENAME: DC1812A-3.PCB		SHT 1 OF 2