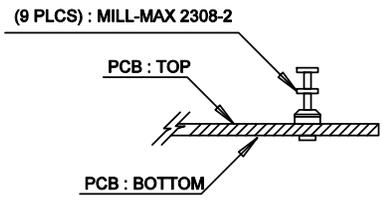


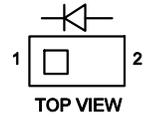
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
-	02	PRODUCTION	WL	06-11-19

**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 AT LOCATIONS SHOWN BELOW:



8. INSTALL LED D1 AS SHOWN:  
- MFG, KINGBRIGHT, PART # APG0603SEC-E-TT

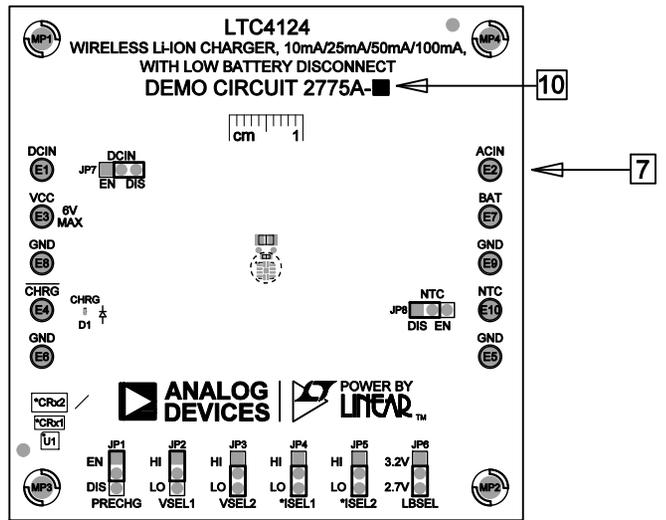


9. APPLY DEMO S/N AT AREA ON BOTTOM SIDE AS SHOWN ON SHEET 2.

10. THERE ARE 4 ASSEMBLY VERSIONS FOR THIS DESIGN: -A, -B, -C AND -D. PLEASE SEE BILL OF MATERIALS AND TABLE BELOW TO MARK EACH VERSION CORRECTLY BY BLACK PERMANENT MARKER. AND CIRCLE THE CORRESPONDING CHARGE CURRENT PER VERSION TABLE.

**\* VERSION TABLE**

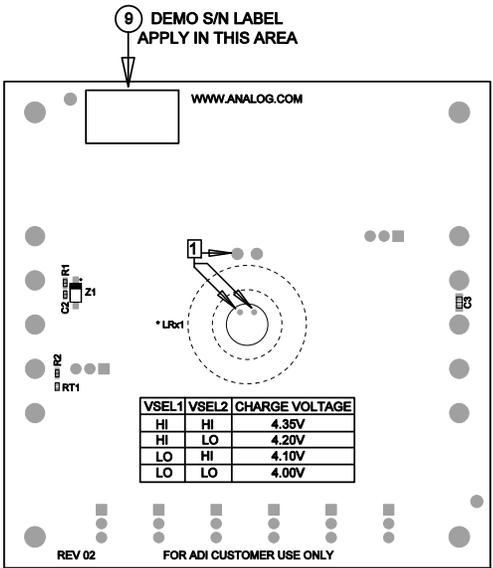
SKU #	CHARGE CURRENT	LRx1	CRx1	CRx2	C3	ISEL1	ISEL2
-A	10mA	760308101216-7.2uH	3300pF	OPT	OPT	LO	LO
-B	25mA	760308101208-13uH	OPT	0.047uF	2.2uF	LO	HI
-C	50mA	760306101220-12.6uH	OPT	0.047uF	10uF	HI	LO
-D	100mA	760306101220-12.6uH	OPT	0.047uF	47uF	HI	HI



APPROVALS		ANALOG DEVICES		POWER BY LINEAR		1830 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1800 WWW.ANALOG.COM	
PCB DES.	NC	TITLE: TOP ASSEMBLY DRAWING: WIRELESS LI-ION CHARGER, 10mA/25mA/50mA/100mA, WITH LOW BATTERY DISCONNECT					
APP ENG.	WL						
SIZE	N/A	IC NO.	LTC4124 DEMO CIRCUIT 2775A			REV.	02
SCALE = NONE				SHT 1 of 2			

**NOTES: UNLESS OTHERWISE SPECIFIED**

- 1. MOUNT COIL LRx1 AS SHOWN BELOW. REFER TO FIGURES BELOW FOR INSTRUCTION.
- STEP 1: PEEL RELEASE TAPE PER FIG. 1 AND MOUNT TO LOCATION SHOWN PER FIG. 2
- STEP 2: LRx1 COIL LEADS ARE 25mm IN LENGTH, THE LAST 5mm ARE TO BE TINNED, NO TWIST.
- STEP 3: MOUNT COILS PER FIGURE 2 ONCE RELEASE TAPE IS REMOVED.



DRAWINGS NOT TO SCALE

FIGURE 1  
-EXPLODED VIEW-

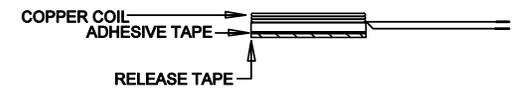
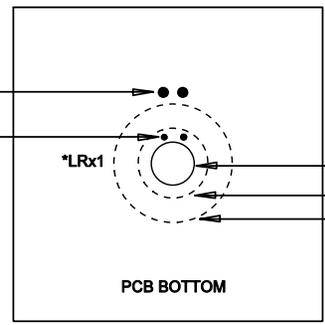


FIGURE 2

SOLDER LEADS TO TWO TERMINALS  
AT THIS LOCATION  
SOLDER TERMINALS FOR -B,-C AND -D VARIANTS

SOLDER LEADS TO TWO TERMINALS  
AT THIS LOCATION  
SOLDER TERMINALS FOR -A VARIANT



- \*LRx1
- (-A, ASSY) 6mm, P/N Wurth, 760308101216
- (-B, ASSY) 10mm, P/N Wurth, 760308101208
- (-C,-D, ASSY) 17mm, P/N Wurth, 760308101220

APPROVALS		ANALOG DEVICES	POWER BY LTC	1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 WWW.ANALOG.COM
PCB DES.	NC			
APP ENG.	WL			
		TITLE: BOTTOM ASSEMBLY DRAWING: WIRELESS LI-ION CHARGER, 10mA/25mA/50mA/100mA, WITH LOW BATTERY DISCONNECT		
SIZE	IC NO.	LTC4124	REV.	02
N/A		DEMO CIRCUIT 2775A		
SCALE = NONE		SHT 2 of 2		