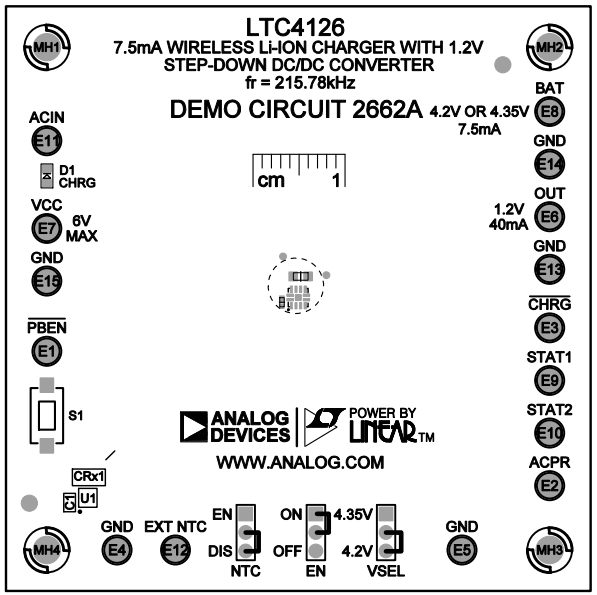
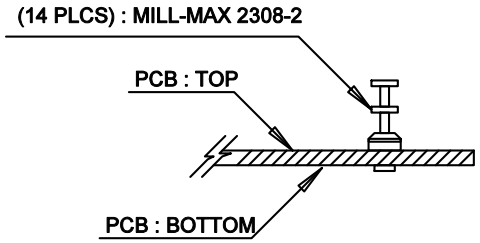
| REVISION HISTORY | | | | |
|---|---|---|---|---|
| ECO | REV | DESCRIPTION | APPR | DATE |
| - | 03 | PRODUCTION FAB | BS | 09-05-18 |




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

| APPROVALS | |
|---|---|
| PCB DES. | NC |
| APP ENG. | BS |
| | |
| | |
| | |
| | |
| | |
| | |
| SCALE = NONE | |

ANALOG DEVICES | POWER BY LINEAR™

FOR ADI CUSTOMER USE ONLY

TITLE: TOP ASSEMBLY DRAWING:
7.5mA WIRELESS Li-ION CHARGER WITH 1.2V
STEP-DOWN DC/DC CONVERTER, fr = 215.78kHz

| SIZE | IC NO. | REV. |
|---|---|---|
| N/A | LTC4126<br>DEMO CIRCUIT 2662A | 03 |

SHT 1 of 2

## NOTES: UNLESS OTHERWISE SPECIFIED

1. MOUNT COIL LRx1 AS SHOWN BELOW. REFER TO FIGURES BELOW FOR INSTRUCTION.
STEP 1: CUT AND PLACE 4.25mm x 4.25mm DOUBLE SIDED KAPTON TAPE ( PPTDE-1/8) WITHIN CENTER LOCATION OF THE NON-COIL SIDE ON LrX1.
STEP 2: PEEL RELEASE TAPE PER FIG. 1 AND MOUNT LRx1 TO LOCATION SHOWN PER FIG. 2
STEP 3: LRx1 COIL LEADS ARE 25mm IN LENGTH, THE LAST 5mm ARE TO BE TINNED, NO TWIST.

DRAWINGS NOT TO SCALE

CHARGING COIL ASSEMBLY
SUNLORD, MQQRC060630S8R0
DIAMETER = 6mm

LRx1 WIRE LEADS

KAPTONTAPE LOCATION
CUT TO DIMENSIONS: 4.25mm x 4.25mm

RELEASE TAPE

FIGURE 1

8 DEMO S/N LABEL
APPLY IN THIS AREA

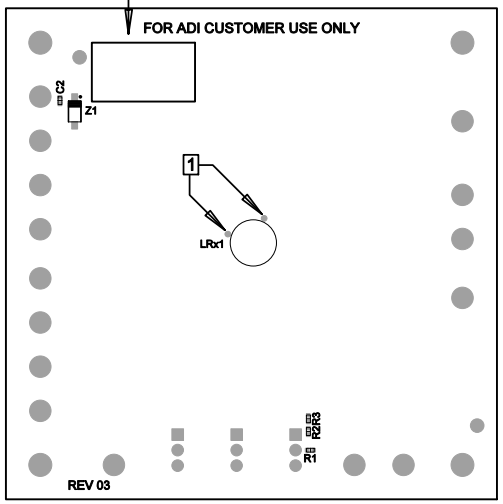
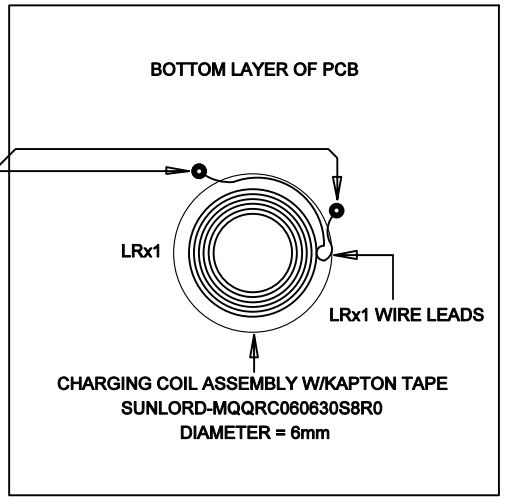



FIGURE 2




| APPROVALS | |
|---|---|
| PCB DES. | NC |
| APP ENG. | BS |
| | |
| | |
| | |
| | |
| | |
| | |
| SCALE = NONE | |

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TITLE: BOTTOM ASSEMBLY DRAWING:
7.5mA WIRELESS Li-ION CHARGER WITH 1.2V STEP-DOWN DC/DC CONVERTER

| SIZE | IC NO. | REV. |
|---|---|---|
| N/A | LTC4126<br>DEMO CIRCUIT 2662A | 03 |

SHT 2 of 2