




ETERNA (TM) CASTELLATED MOTE WITH MMCX CONNECTOR

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Notes:

- 1. Assembly Options:
 - 1.a) X1 & X5: installed crystals (32kHz and 20 MHz resp.)
 - 1.b) R12 TCK termination not installed
 - 1.c) Battery holder not installed
 - 1.d) Accelerometer not installed
- 2. Associated Documents
 - 
PCB FAB
600-0176 REV3
 - 
BOM
700-0220 REV2
 - 
ASY DWG
705-0176 REV3

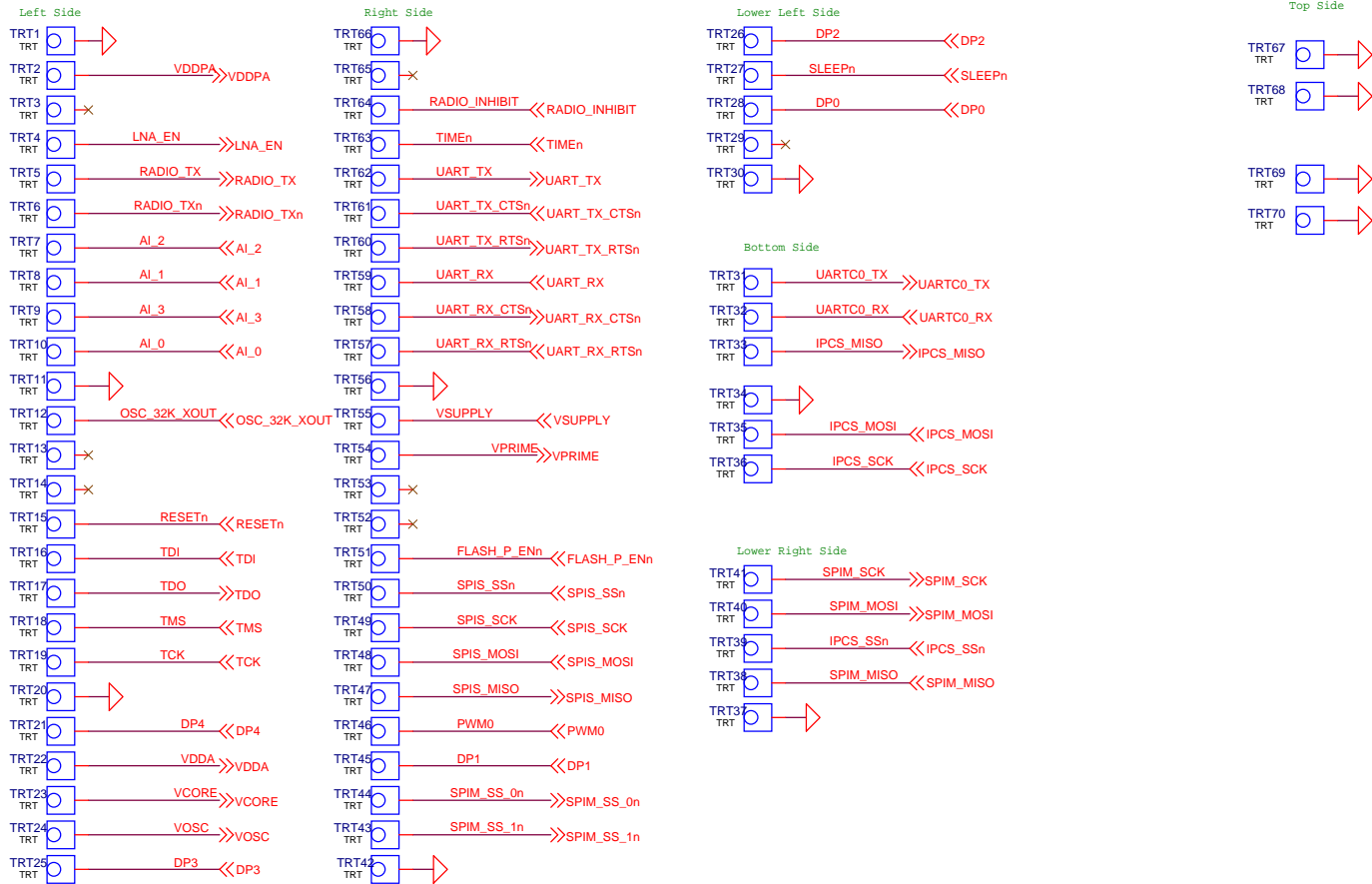
Revision History:


Rev	Description	ECO	Author
01	Initial release Based on 700-0176 rev4 using LTC5800IWR-IPRA	1226	CN
02	Change 32kHz & 20MHz XTAL	1394	RMP



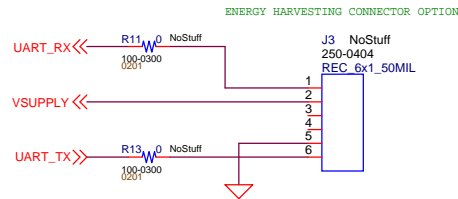
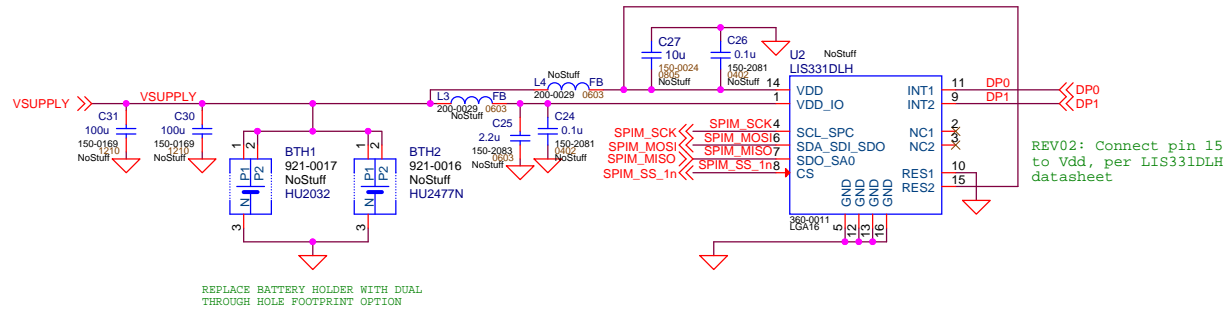
LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY		CONTRACT NO.		 Linear Technology Corporation	
CUSTOMER NOTICE LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.		APPROVALS		1630 McCarthy Blvd. Phone: (408)432-1900	
		DRAWN:		Milpitas, CA 95035 Fax: (408)434-0507	
		CHECKED:		TITLE:	
		APPROVED:		LTP5902IPC-IPRC	
		ENGINEER:		PCA SCH, ETERNA IP CAST. MNGR EXT. MEM, CANADIAN	
DESIGNER:		SIZE	DWG NO.	REV	
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND IS SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		A	710-0220	02	
		DATE: Wednesday, July 29, 2015		SHEET 1 OF 4	

CASTELLATIONS



LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY		CONTRACT NO.		 Linear Technology Corporation 1630 McCarthy Blvd. Phone: (408)432-1900 Milpitas, CA 95035 Fax: (408)434-0507	
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		DESIGNER:			
		SIZE A			
		DATE: Wednesday, July 29, 2015		REV 02	
				SHEET 3 OF 4	

BATTERY HOLDER & ACCELEROMETER OPTIONS



J3 SHROUD SHALL PROTRUDE FROM EDGE OF BOARD OPPOSITE TO CHIP ANTENNA.
PLACE R11 and R13 NEAR U1 TO MINIMIZE UART_RX AND UART_TX NET LENGTH.



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APPROVALS

DRAWN:

CHECKED:

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ENGINEER:

DESIGNER:



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TITLE:

LTP5902IPC-IPRC
PCA SCH, ETERNA IP CAST. MNGR EXT. MEM, CANADIAN

SIZE

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DWG NO.

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SHEET

4

OF

4

REV

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