



ETERNA (TM) CASTELLATED MOTE WITH CHIP ANTENNA


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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
 - 1.e) 1/4 Wave stub disconnected
2. Associated Documents
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PCB FAB
600-0167 REV3
- 

BOM
700-0203 REV2
- 

ASY DWG
705-0167 REV3

Revision History:

Rev	Description	ECO	Author
01	Initial release Based on 700-0167 rev3 using LTC5800IWR-IPMA	1180	CN
02	Update U1 p/n (documentation only, not a functional change)	1214	CN



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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.

THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND IS SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

CONTRACT NO.

APPROVALS

DRAWN:

CHECKED:

APPROVED:

ENGINEER:

DESIGNER:

dust networks™

Linear Technology Corporation

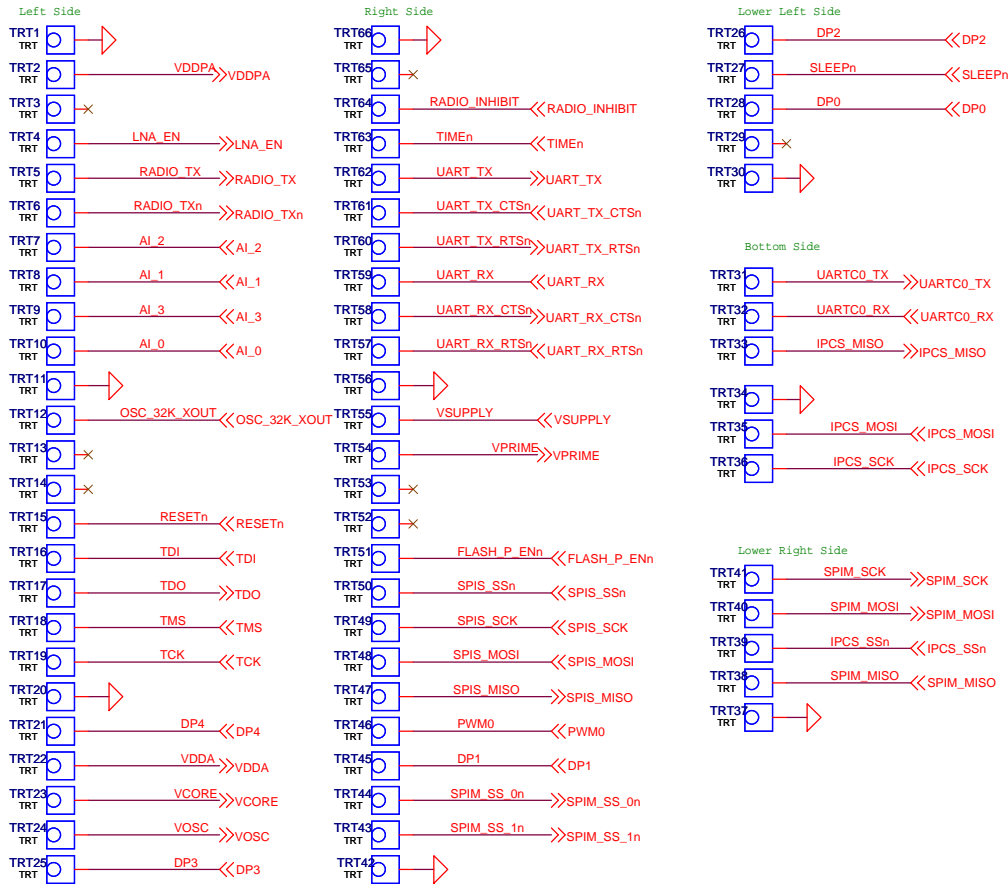
1630 McCarthy Blvd. Phone: (408)432-1900
Milpitas, CA 95035 Fax: (408)434-0507


TITLE: LTP5901IPC-IPMA
PCA SCH, ETERNA CASTELLATED IP MOTE, RUSSIAN

SIZE A **DWG NO. 710-0203** **REV 02**

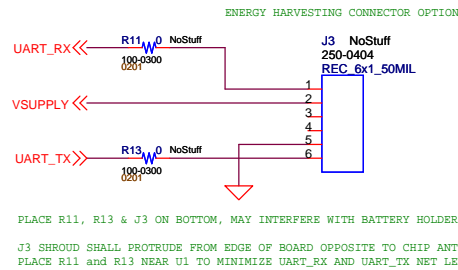
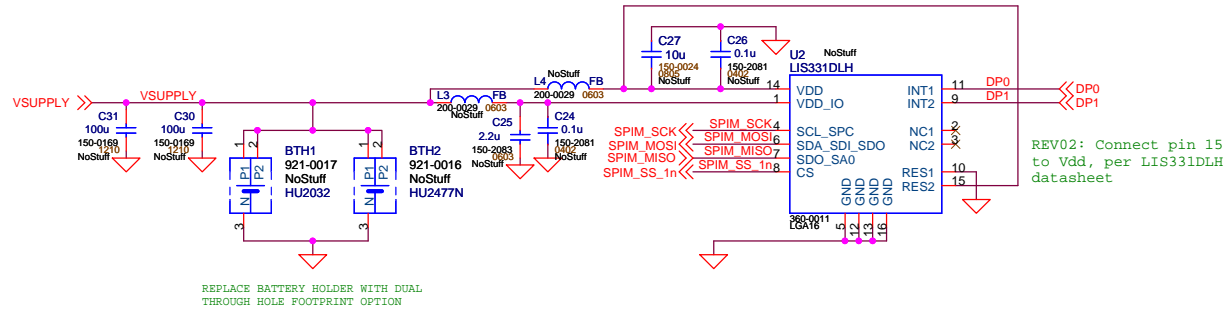
DATE: Thursday, April 04, 2013 **SHEET 1 OF 4**

CASTELLATIONS



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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			
		DRAWN:			
		CHECKED:			
		APPROVED:			
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND IS SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		ENGINEER:		TITLE: LTP5901IPC-IPMA PCA SCH, ETERNA CASTELLATED IP MOTE, RUSSIAN	
		DESIGNER:			
		SIZE A	DWG NO. 710-0203	REV 02	
		DATE: Wednesday, April 03, 2013			SHEET 3 OF 4

BATTERY HOLDER & ACCELEROMETER OPTIONS



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APPROVALS

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APPROVED:

ENGINEER:

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TITLE: LTP5901IPC-IPMA
PCA SCH, ETERNA CASTELLATED IP MOTE, RUSSIAN

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DATE: Wednesday, April 03, 2013 SHEET 4 OF 4