ETERNA (TM) CASTELLATED MOTE WITH MMCX CONNECTOR

Content:

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
700-0207 REV3

ASY DWG
705-0176 REV3

Revision History:

Rev	Description	ECO	Author
01	Initial release Based on 700-0176 rev4 using LTC5800IWR-IPMA	1180	CN
02	Update U1 p/n (documentation only, not a functional change)	1214	CN
03	Change 32kHz & 20MHz XTAL	1394	RMP

LINEAR TECHNOLOGY

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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 CIRUIT 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™

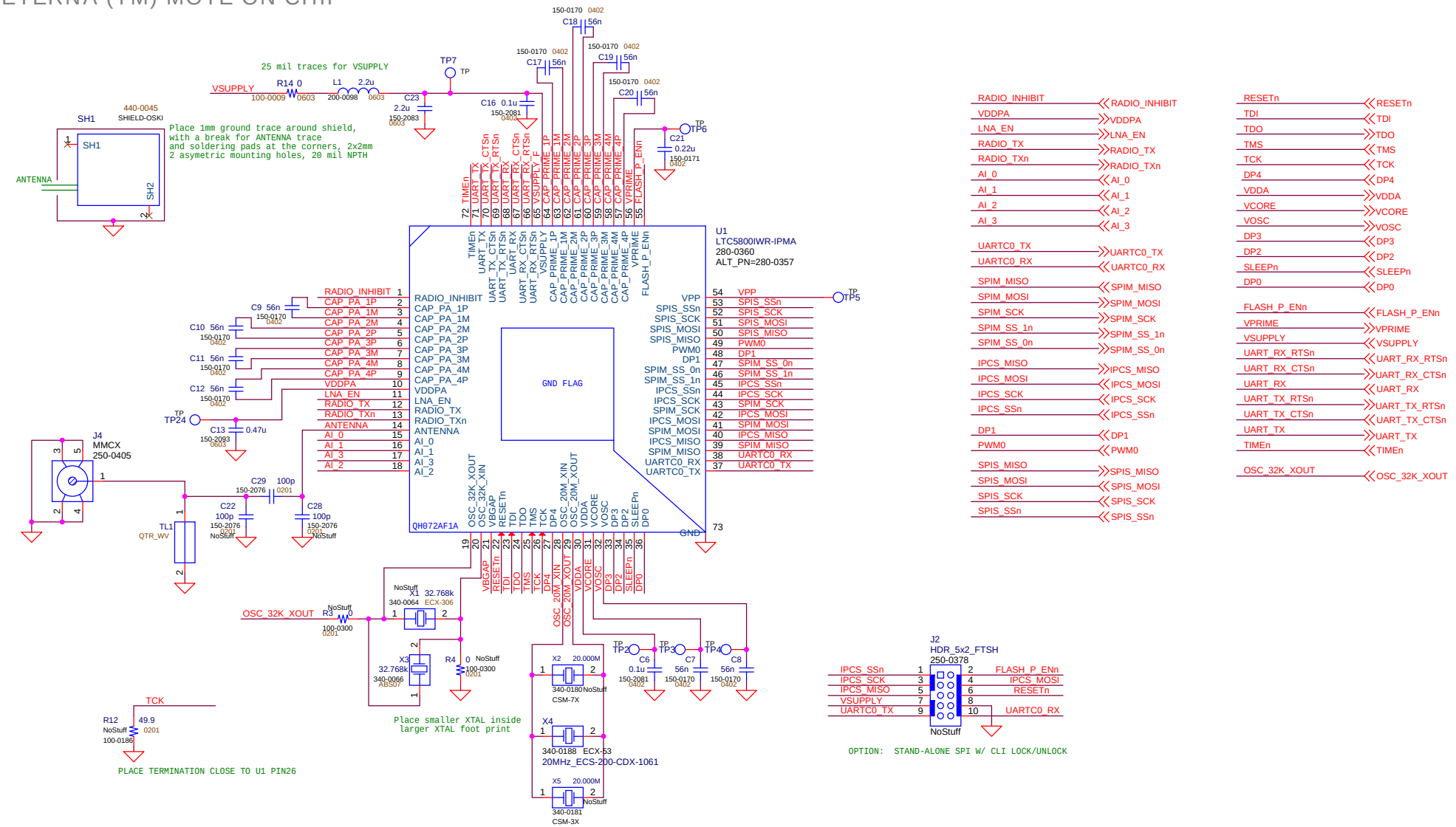
Linear Technology Corporation
1630 McCarthy Blvd. Milpitas, CA 95035
Phone: (408)432-1900 Fax: (408)434-0507

TITLE:
LTP5902IPC-IPMA
PCA SCH, ETERNA IP CASTELLATED MOTE, CANADIAN

SIZE A | DWG NO. 710-0207 | REV 03

DATE: Wednesday, July 29, 2015 | SHEET 1 OF 4

ETERNA (TM) MOTE-ON-CHIP



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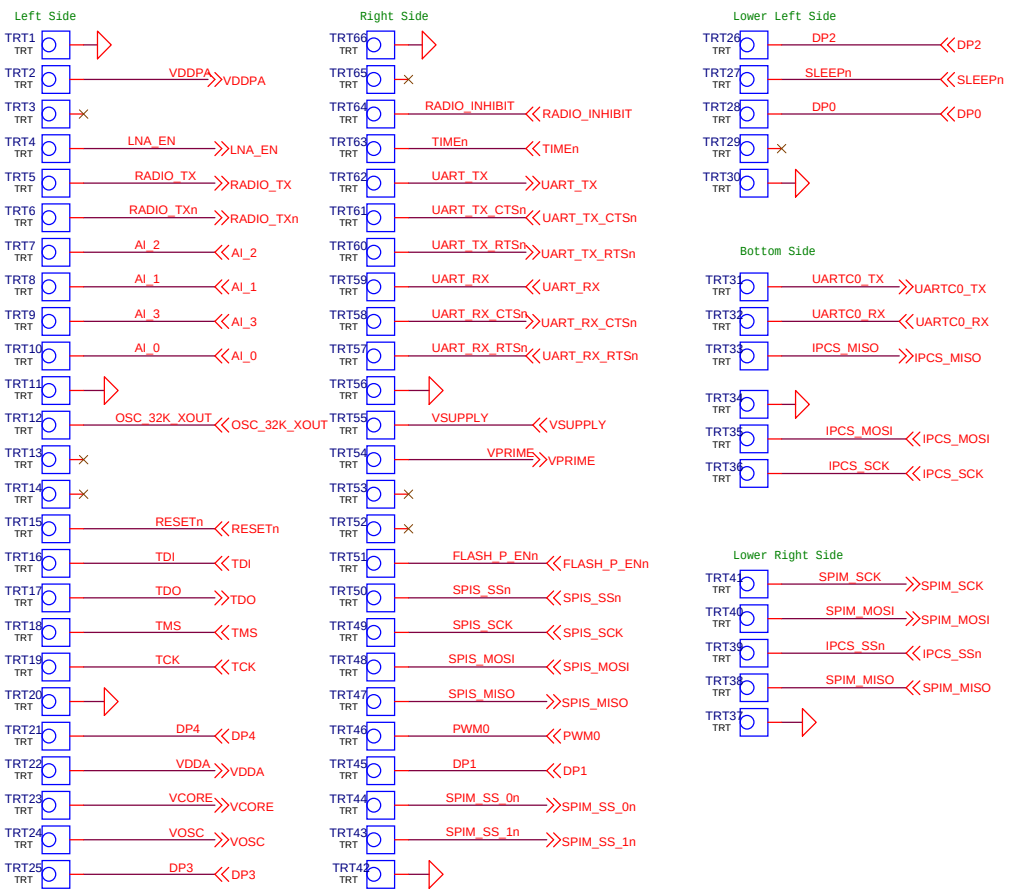
SHEET 2 OF 4

CASTELLATIONS



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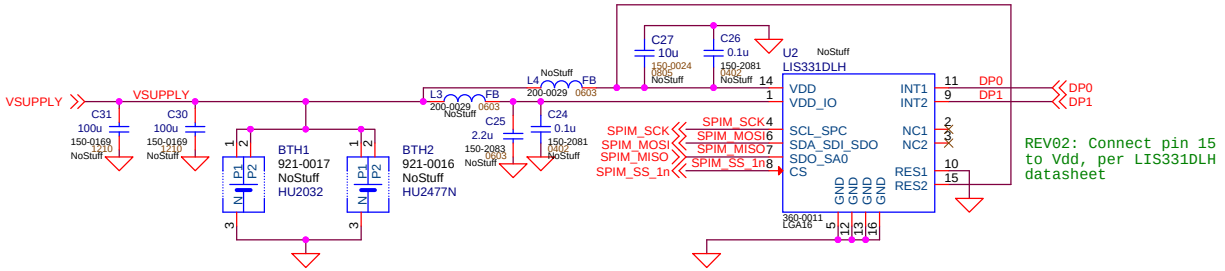
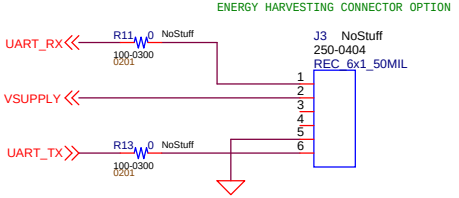
SHEET 3 OF 4

BATTERY HOLDER & ACCELEROMETER OPTIONS





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