

ETERNA (TM) CASTELLATED MOTE WITH MMCX CONNECTOR

Content:

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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
700-0207 REV1



ASY DWG
705-0176 REV3

Revision History:

Rev	Description	ECO	Author
01	Initial release Based on 700-0176 rev4 using LTC5800IWR-IPMA	1180	CN



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CUSTOMER NOTICE

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

CONTRACT NO.

APPROVALS

DRAWN:

CHECKED:

APPROVED:

ENGINEER:

DESIGNER:



Linear Technology Corporation

1630 McCarthy Blvd.
Milpitas, CA 95035

Phone: (408)432-1900
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TITLE:

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

SIZE

A

DWG NO.

710-0207

REV

01

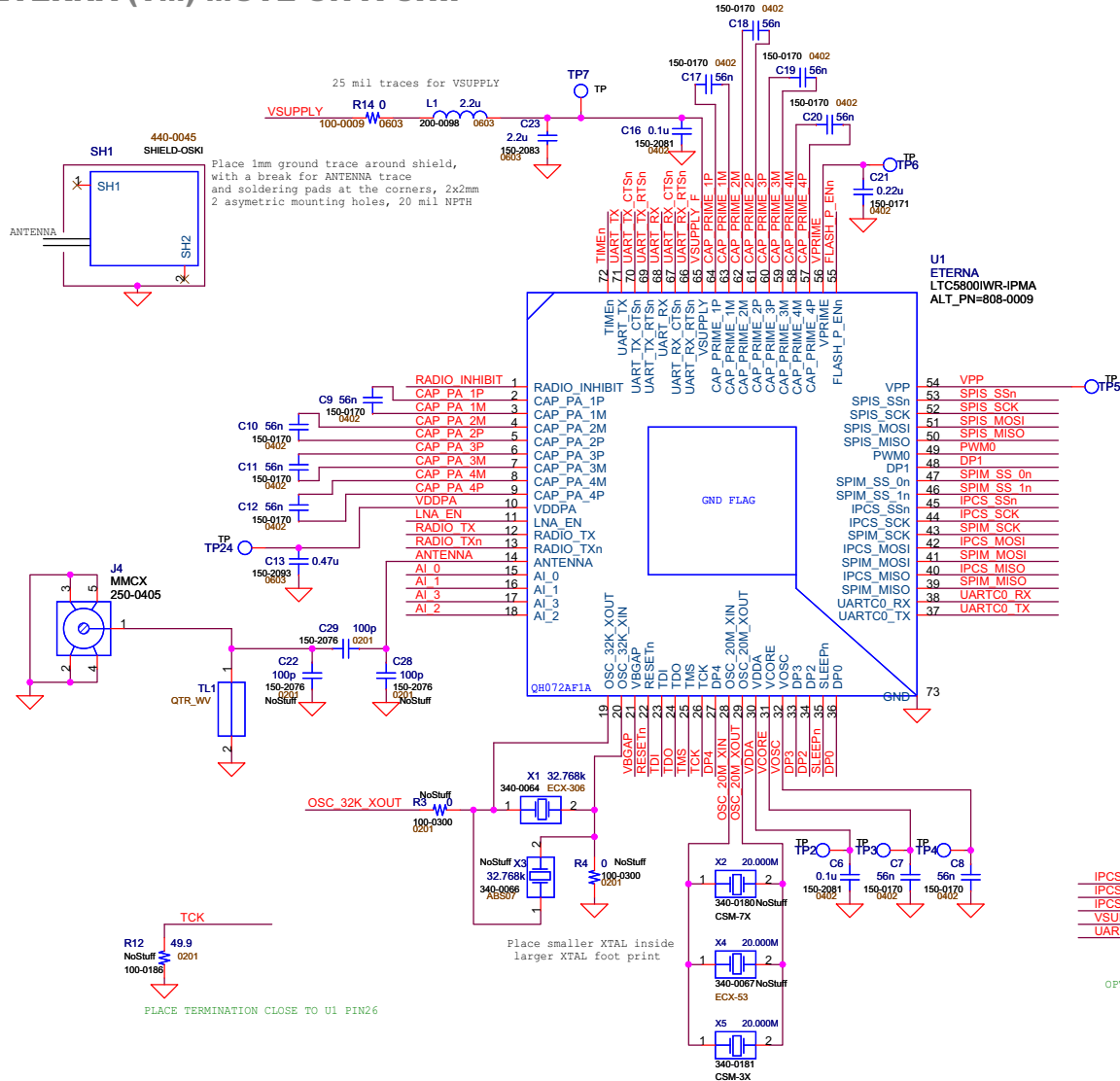
DATE: Tuesday, October 30, 2012

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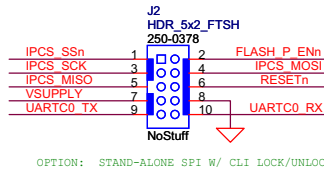
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ETERNA (TM) MOTE-ON-A-CHIP



RADIO_INHIBIT	<< RADIO_INHIBIT	RESETn	<< RESETn
VDDPA	>> VDDPA	TDI	<< TDI
LNA_EN	>> LNA_EN	TDO	<< TDO
RADIO_TX	>> RADIO_TX	TMS	<< TMS
RADIO_TXn	>> RADIO_TXn	TCK	<< TCK
AI_0	<< AI_0	DP4	<< DP4
AI_1	<< AI_1	VDDA	<< VDDA
AI_2	<< AI_2	VCORE	<< VCORE
AI_3	<< AI_3	VOSC	<< VOSC
UARTC0_TX	>> UARTC0_TX	DP3	<< DP3
UARTC0_RX	<< UARTC0_RX	DP2	<< DP2
SPIM_MISO	<< SPIM_MISO	SLEEPn	<< SLEEPn
SPIM_MOSI	>> SPIM_MOSI	DP0	<< DP0
SPIM_SCK	>> SPIM_SCK	FLASH_P_ENn	<< FLASH_P_ENn
SPIM_SS_1n	>> SPIM_SS_1n	VPRIME	>> VPRIME
SPIM_SS_0n	>> SPIM_SS_0n	VSUPPLY	>> VSUPPLY
IPICS_SS	>> IPICS_SS	UART_RX_RTSn	<< UART_RX_RTSn
IPICS_MISO	>> IPICS_MISO	UART_RX_CTSn	<< UART_RX_CTSn
IPICS_SCK	<< IPICS_SCK	UART_RX	<< UART_RX
IPICS_Sn	<< IPICS_Sn	UART_TX_RTSn	<< UART_TX_RTSn
DP1	<< DP1	UART_TX_CTSn	<< UART_TX_CTSn
PWM0	<< PWM0	UART_TX	<< UART_TX
SPIS_MISO	>> SPIS_MISO	TIME	<< TIME
SPIS_MOSI	<< SPIS_MOSI	OSC_32K_XOUT	<< OSC_32K_XOUT
SPIS_SCK	<< SPIS_SCK		
SPIS_Sn	<< SPIS_Sn		



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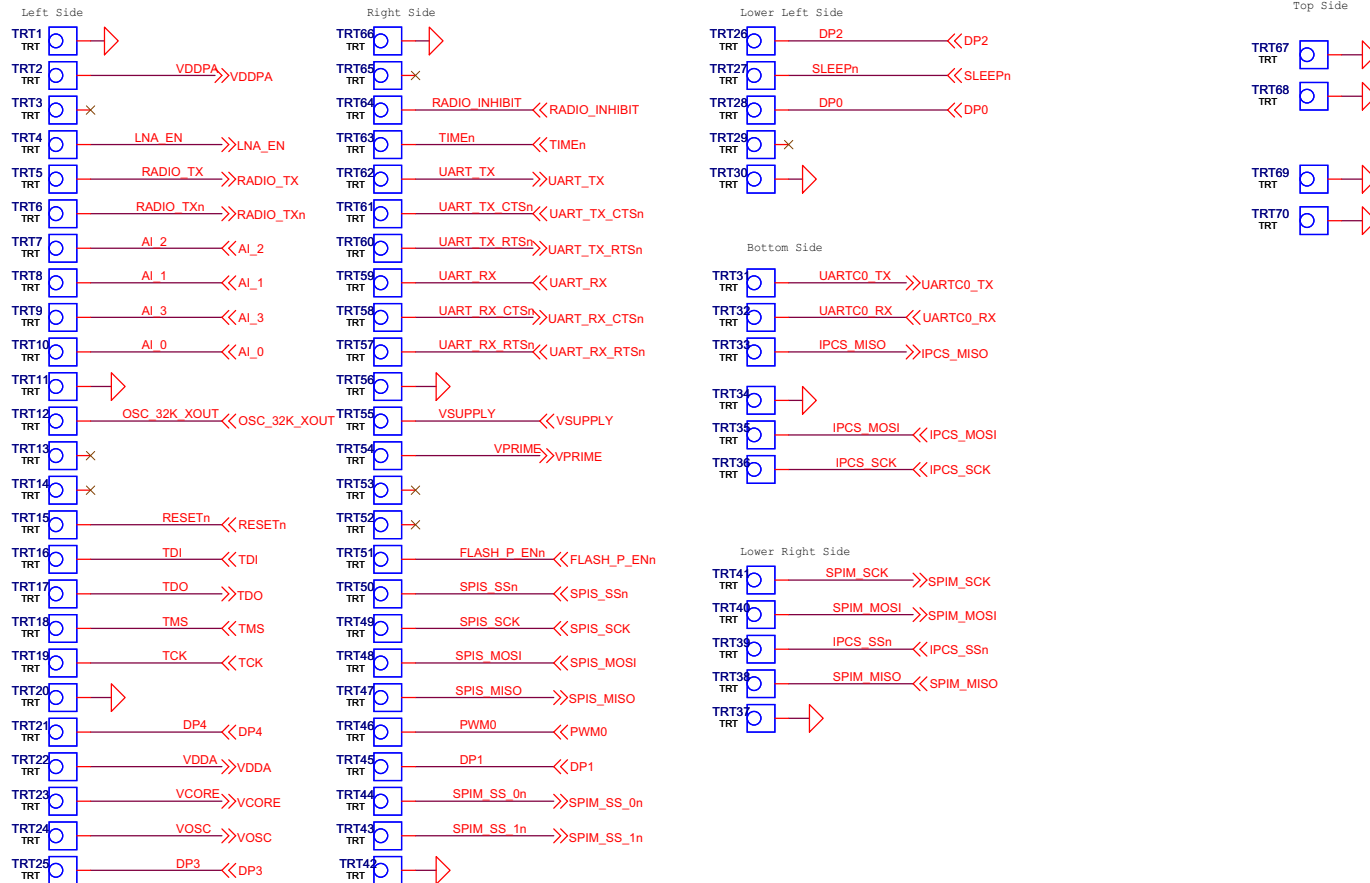
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SIZE **A** DWG NO. **710-0207** REV **01**

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CASTELLATIONS



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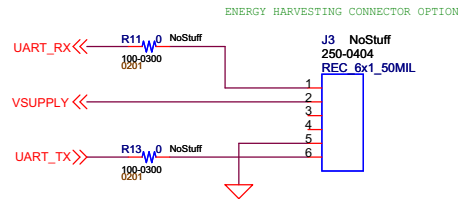
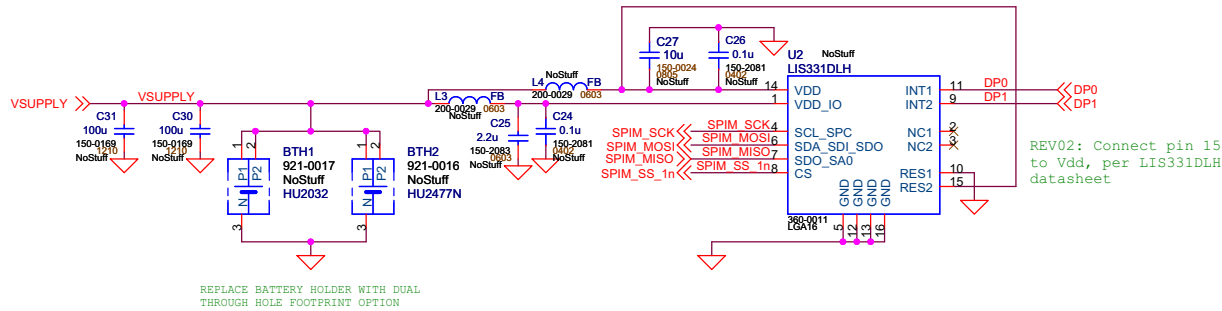
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BATTERY HOLDER & ACCELEROMETER OPTIONS



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