



ETERNA (TM) Evaluation and Development Board


Content:

- 1. Title Page
- 2. Eterna (TM) Mote-on-a-Chip
- 3. Connectors, Visual Indicators and Power

Notes:

1. Assembly Options:
- 1.a) With CR3022 battery holder (CR2477 holder not installed)
 - 1.b) Without BNC connector or Terminal Blocks for ADC Inputs
2. Associated Documents
- 

BOM
700-0185 rev5
- 

ASY DWG
705-0185 rev2
- 

PCB FAB
600-0185 rev2

Revision History:

Rev	Description	ECO	Author
01	Initial release Mote evaluation & development board, featuring: - ETERNA (TM) Mote-on-s-Chip - .100" test points & connector to USB Interface Board - Battery holders loading option (CR2477 or CR3022) - Fractus chip antenna - Power switch, reset button, GPIO & LED indicators with disconnect jumpers	1107	CN
02	Includes Rework Instructions Notes From Document 003-0056 (700-0185 REV1 --> REV2)	1126	CN
03	Correct silk @ P1 and SW1 pinout Connect switched VBAT @ P2-20 MOTE_OFF signal @ P1-28	1120	CN
04	Add reference to DC9003A	1127	CN
05	Minor Edits - Add P/N note to non-standard P1 header - Rename OSKI to LTC5800	1145	CN
06	Update pushbutton switch (BOM only)	1159	CN



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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:

dust networks™

Linear Technology Corporation

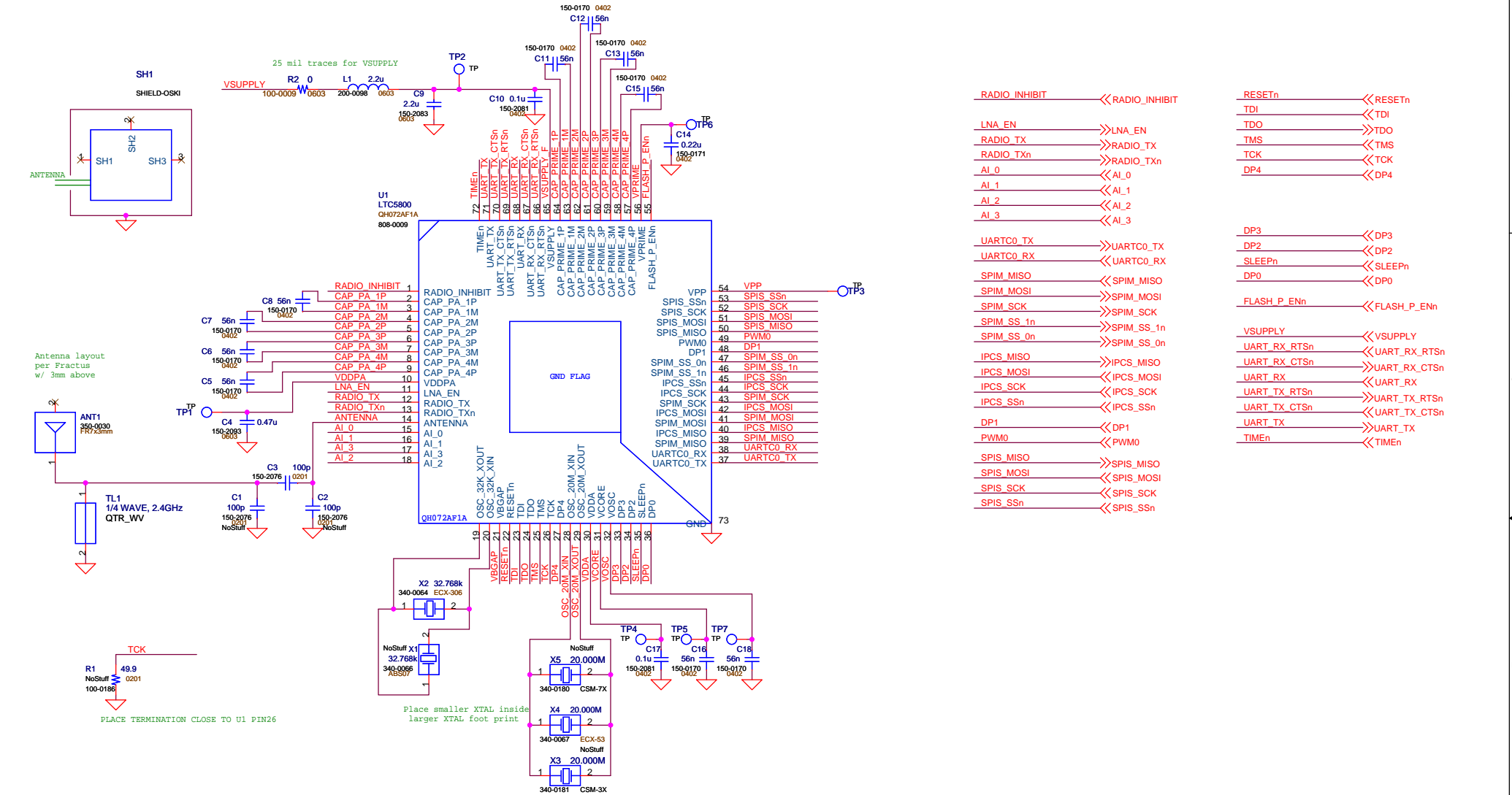
1630 McCarthy Blvd. Phone: (408)432-1900
Milpitas, CA 95035 Fax: (408)434-0507


TITLE: DC9003A
PCA SCHEMATICS, ETERNA EVAL / DEV BRD, FRASER

SIZE A **DWG NO.** 710-0185 **REV 06**

DATE: Tuesday, September 25, 2012 **SHEET 1 OF 3**

ETERNA (TM) MOTE-ON-A-CHIP



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		CHECKED:			
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		ENGINEER:			
DESIGNER:		TITLE:		DC9003A	
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		SIZE A	DWG NO. 710-0185	REV 06	
		DATE: Wednesday, August 22, 2012		SHEET 2 OF 3	

