

PCA SCH, MOTHERBOARD, CAMANCHE, MOTE VERSION

Content:

- 1. Title Page
- 2. Eterna
- 3. Memory
- 4. Connectors, LED & Power

Notes:

1. Associated Documents



**BOM**  
700-0216-0101 REV2



**ASY DWG**  
705-0216-0001 REV1



**PCB FAB**  
600-0216-0001 REV1

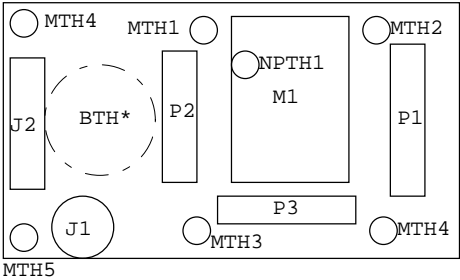
2. Assembly Options


- 1. External Memory or not
- 2. Russian or Canadian or uModule Oski based
- 3. PA\_EXT\_SET R value

Revision History:

Rev	Description	ECO	Author
01	Initial release	1212	Ric Peregrino
02	Change R6 to 0 ohm, FLASH_P_ENn no mem Load PB1, not PB2, adjust M1 PN	1262	Ric Peregrino

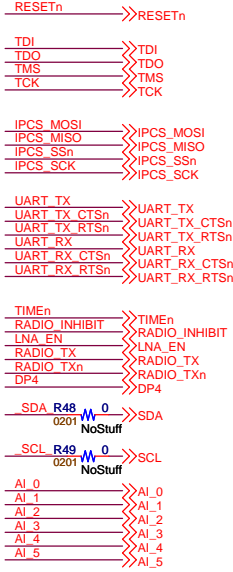
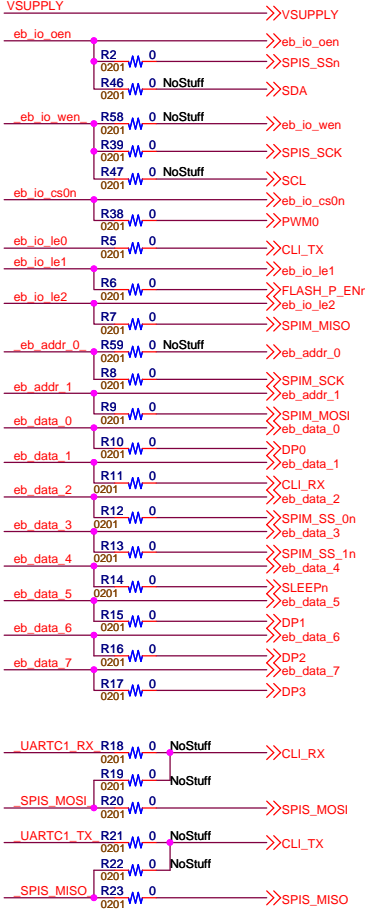
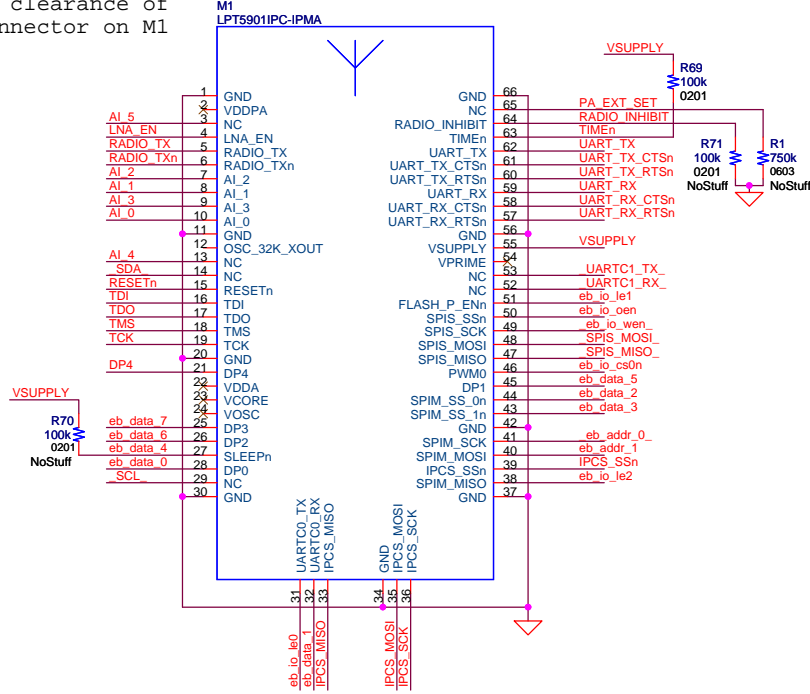
Parts placement, not to scale




LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY		CONTRACT NO.		 <b>A Linear Technology Company</b> 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507	
<b>CUSTOMER NOTICE</b> 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:			
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND IS SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		APPROVED:		<b>TITLE: DC9018A-B</b> <b>PCA SCH, MOTHERBOARD, CAMANCHE</b>	
		ENGINEER:			
		DESIGNER:			
		SIZE B	DWG NO. 710-0216-0101		REV 02
		DATE: Friday, June 14, 2013			SHEET 1 OF 4

Place all R's on this page  
as close as possible to M1

NPTH1, for clearance of  
antenna connector on M1

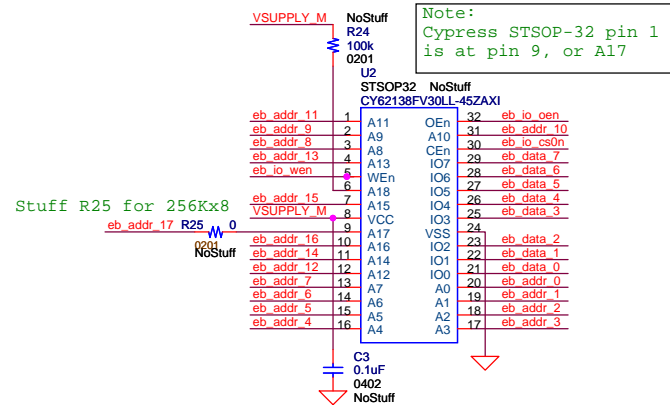
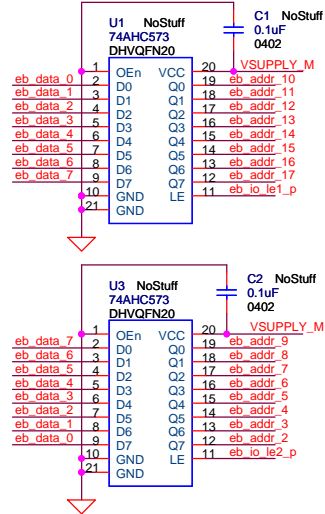


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		CHECKED:		<b>TITLE: DC9018A-B</b> <b>PCA SCH, MOTHERBOARD, CAMANCHE</b>					
		APPROVED:							
		ENGINEER:							
DESIGNER:		SIZE B		DWG NO. 710-0216-0101		REV 02			
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND IS SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.				DATE: Friday, June 14, 2013				SHEET 2 OF 4	

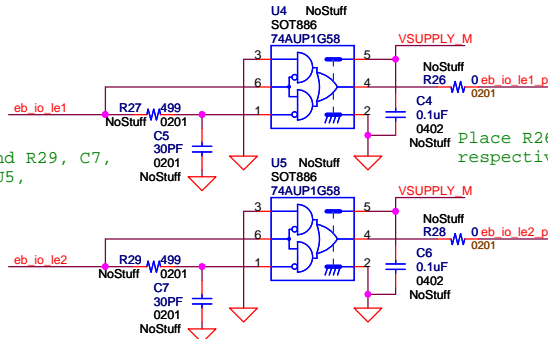
25 mil traces for VSUPPLY\_M

VSUPPLY\_M << VSUPPLY\_M

eb\_io\_cs0n eb\_io\_le1  
eb\_io\_le1 eb\_io\_le2  
eb\_addr\_0 eb\_addr\_0  
eb\_data\_2 eb\_addr\_1  
eb\_addr\_1 eb\_data\_0  
eb\_data\_0 eb\_data\_1  
eb\_data\_1 eb\_data\_2  
eb\_data\_2 eb\_data\_3  
eb\_data\_3 eb\_data\_4  
eb\_data\_4 eb\_data\_5  
eb\_data\_5 eb\_data\_6  
eb\_data\_6 eb\_data\_7  
eb\_data\_7 eb\_io\_oen  
eb\_io\_oen eb\_io\_wen  
eb\_io\_wen




Pulse Generator Circuits



Place R27, C5, and R29, C7,  
close to U4 and U5,  
respectively

Place R26 and R28 close to U4 and U5,  
respectively



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		DESIGNER:			
				SIZE B	DWG NO. 710-0216-0101
		DATE: Tuesday, May 14, 2013			SHEET 3 OF 4

CONNECTORS, VISUAL INDICATORS, POWER

