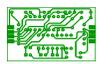


ETERNA EXT RANGE REFERENCE, GOBI

1. Notes:

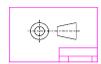
2. Associated Documents



PCB FAB
600-0229-0001 REV1



BOM
700-0229-0001 REV2



ASY DWG
705-0229-0001 REV1

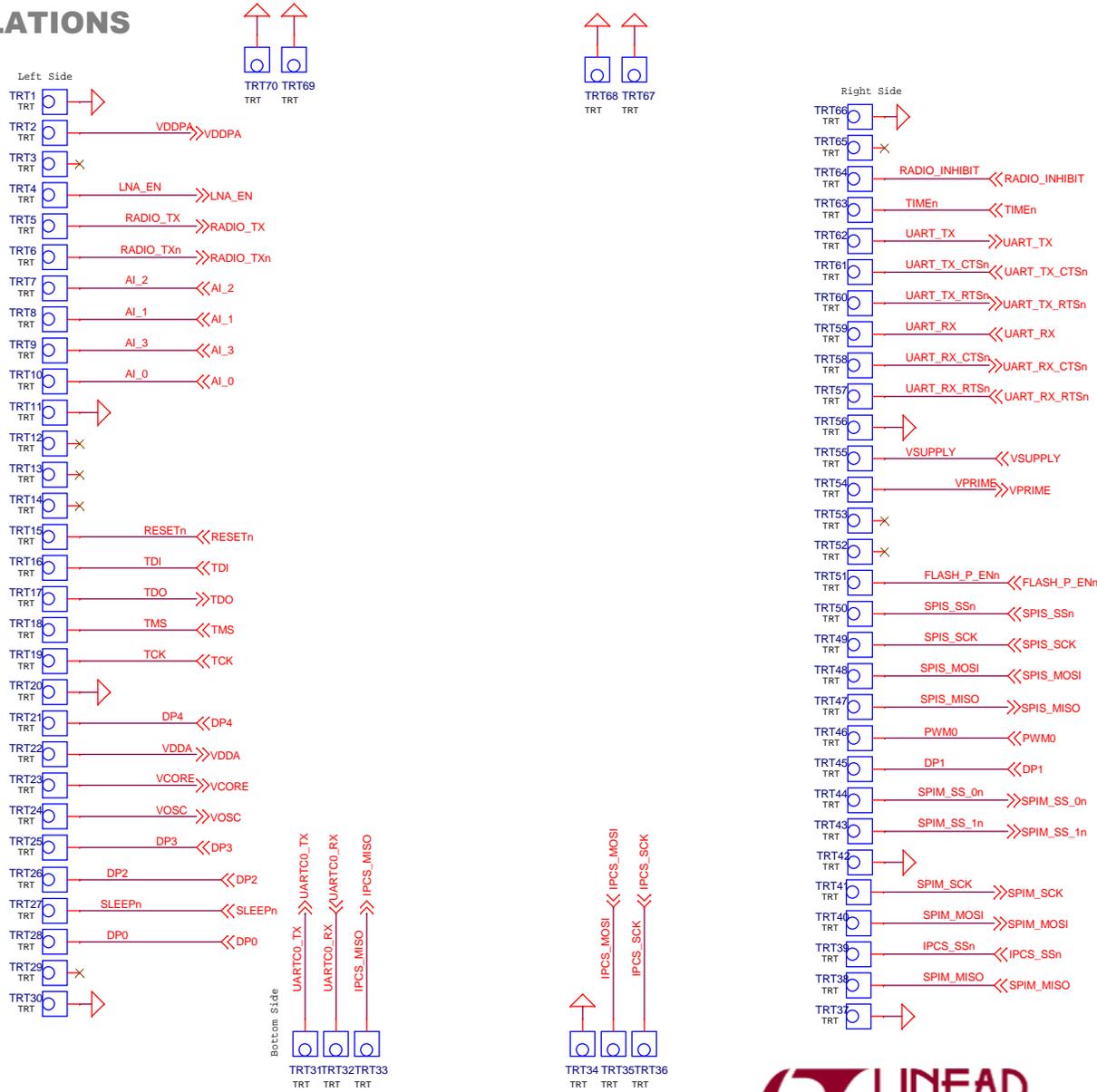
Revision History:

Rev	Description	ECO	Author
01	Initial release	1329	R. Peregrino
02	Ref des resequece	1379	R. Peregrino
03	Fix Castellated pinout	1581	R. Peregrino



LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY		CUSTOMER NOTICE		CONTRACT NO.	 <p>A Linear Technology Company</p> <p>1630 McCarthy Blvd. Phone: (408)432-1900 Milpitas, CA 95035 Fax: (408)434-0507</p>								
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		TITLE:									
		DRAWN:				PCA SCH, ETERNA EXT RANGE REFERENCE, GOBI							
		CHECKED:					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: x-small;">SIZE</td> <td style="font-size: x-small;">DWG NO.</td> <td style="font-size: x-small;">REV</td> </tr> <tr> <td style="text-align: center; font-weight: bold;">B</td> <td style="text-align: center; font-weight: bold;">710-0229-0001</td> <td style="text-align: center; font-weight: bold;">03</td> </tr> </table>	SIZE	DWG NO.	REV	B	710-0229-0001	03
		SIZE	DWG NO.					REV					
		B	710-0229-0001		03								
APPROVED:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: x-small;">DATE:</td> <td style="font-size: x-small;">Wednesday, June 15, 2016</td> <td style="font-size: x-small;">SHEET 1 OF 4</td> </tr> </table>	DATE:	Wednesday, June 15, 2016	SHEET 1 OF 4								
DATE:	Wednesday, June 15, 2016		SHEET 1 OF 4										
ENGINEER:			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: x-small;">DESIGNER:</td> <td> </td> </tr> </table>	DESIGNER:									
DESIGNER:													
DESIGNER:													
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND IS SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.													

CASTELLATIONS



LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY

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:

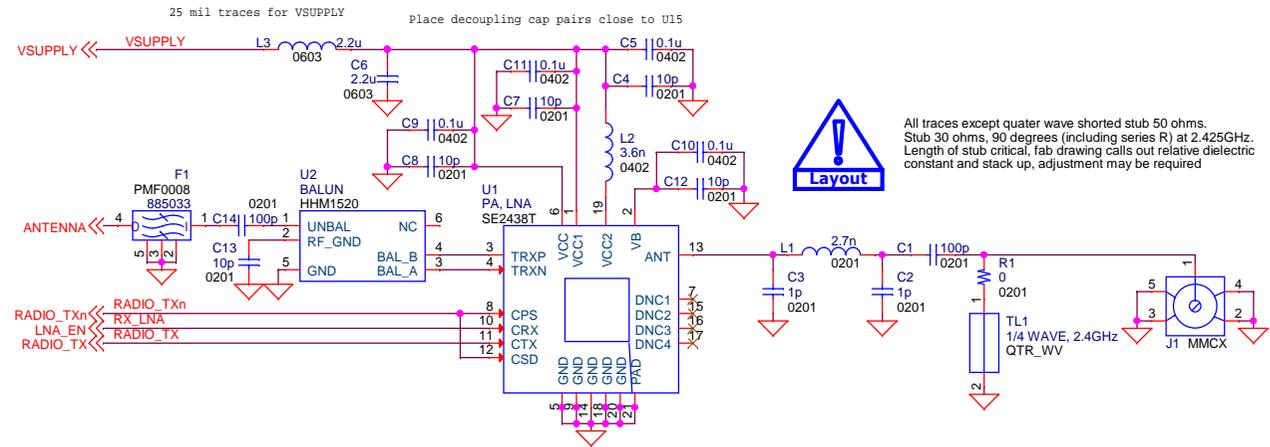
dust networks™ A Linear Technology Company

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

TITLE: **PCA SCH, ETERNA EXT RANGE REFERENCE, GOBI**

SIZE **A** DWG NO. **710-0229-0001** REV **03**

DATE: **Wednesday, June 15, 2016** SHEET **3** OF **4**



All traces except quarter wave stub 50 ohms. Stub 30 ohms, 90 degrees (including series R) at 2.425GHz. Length of stub critical, fab drawing calls out relative dielectric constant and stack up, adjustment may be required



LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY

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™ A Linear Technology Company

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

TITLE: **PCA SCH, ETERNA EXT RANGE REFERENCE, GOBI**

SIZE B	DWG NO. 710-0229-0001	REV 03
DATE: Wednesday, June 15, 2016		SHEET 4 OF 4