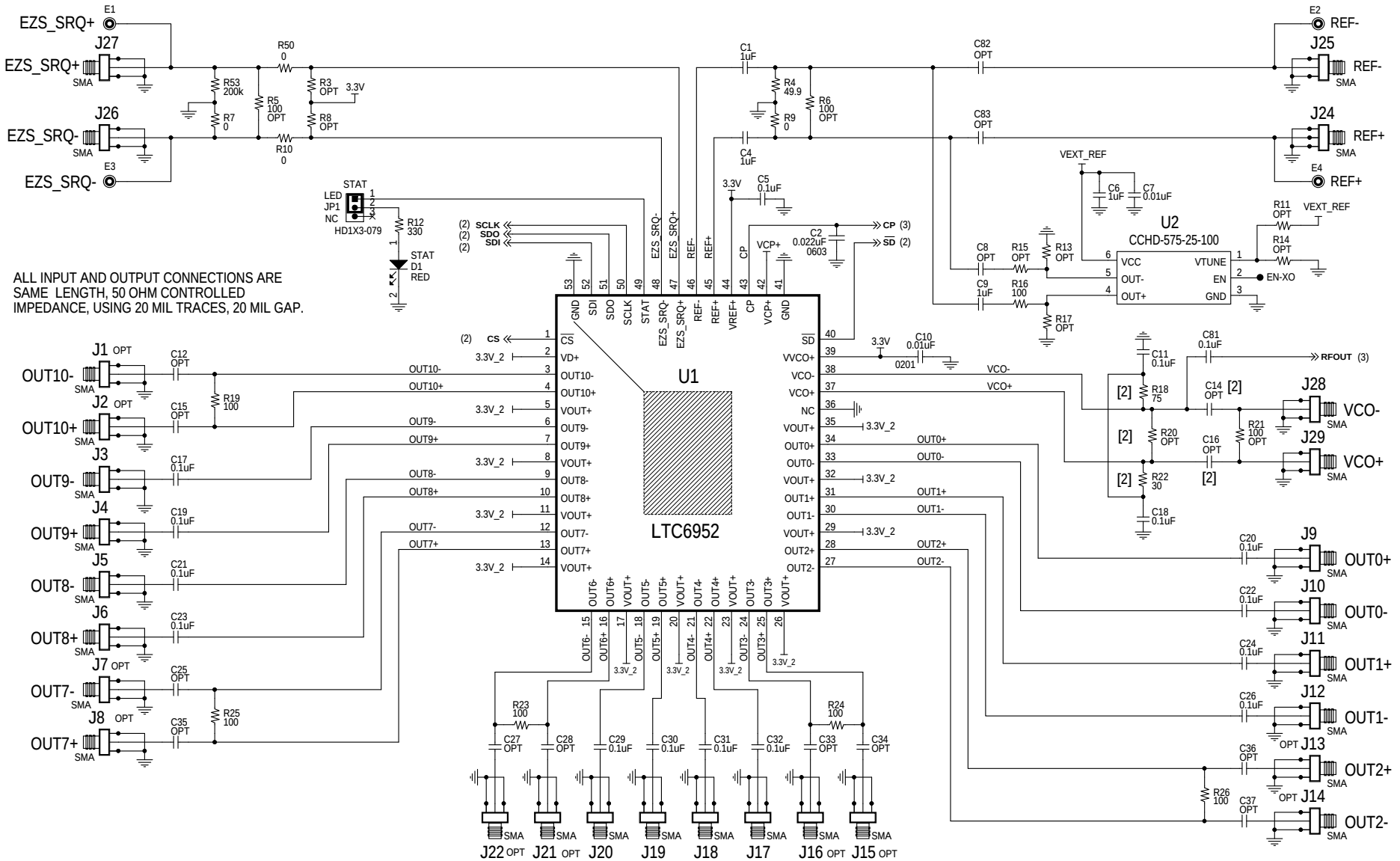
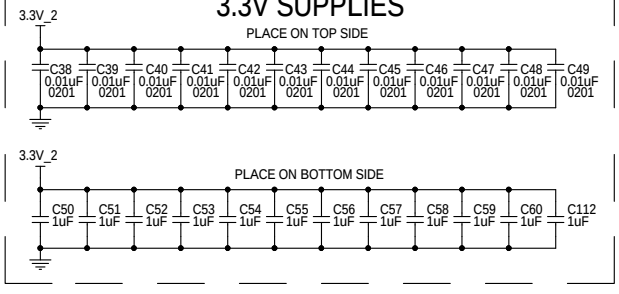
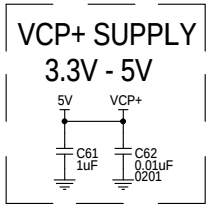
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
—	2	PRODUCTION	CHRIS P.	07-13-17

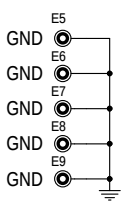


3.3V SUPPLIES



VCP+ SUPPLY
3.3V - 5V





NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS AND CAPACITORS ARE 0402.

[2]. REFER TO DEMO MANUAL.

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 SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

APPROVALS	
PCB DES.	KIM T.
APP ENG.	CHRIS P.

SCALE = NONE

LINEAR TECHNOLOGY

1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)432-1900 www.linear.com
Fax: (408)434-0507
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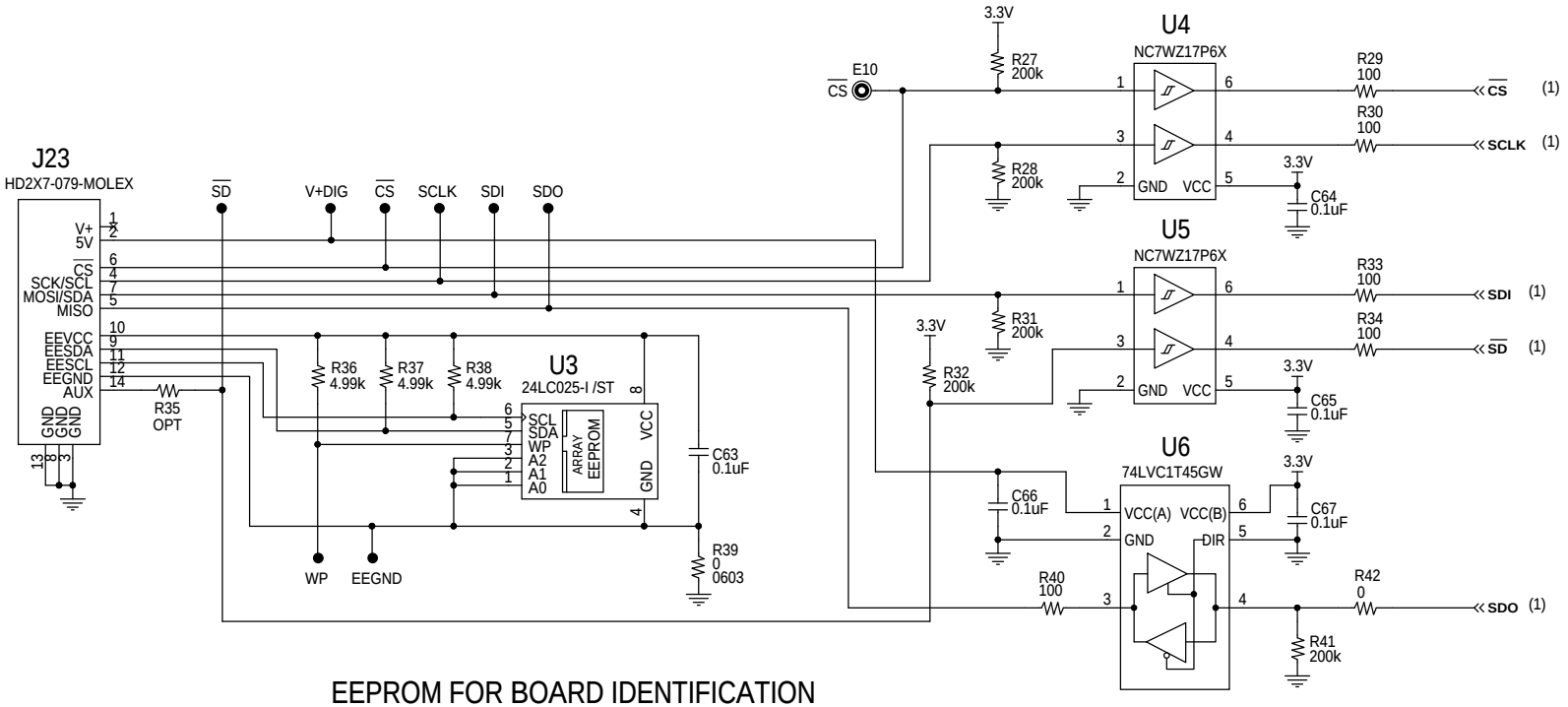
TITLE: SCHEMATIC

ULTRALOW JITTER PLL WITH ELEVEN PROGRAMMABLE OUTPUTS AND JESD204B SUPPORT

SIZE	IC NO.	REV.
N/A	LTC6952IUKG DEMO CIRCUIT 2609A	2

DATE: Thursday, July 13, 2017

DC2026 (DC590) SPI INTERFACE



EEPROM FOR BOARD IDENTIFICATION

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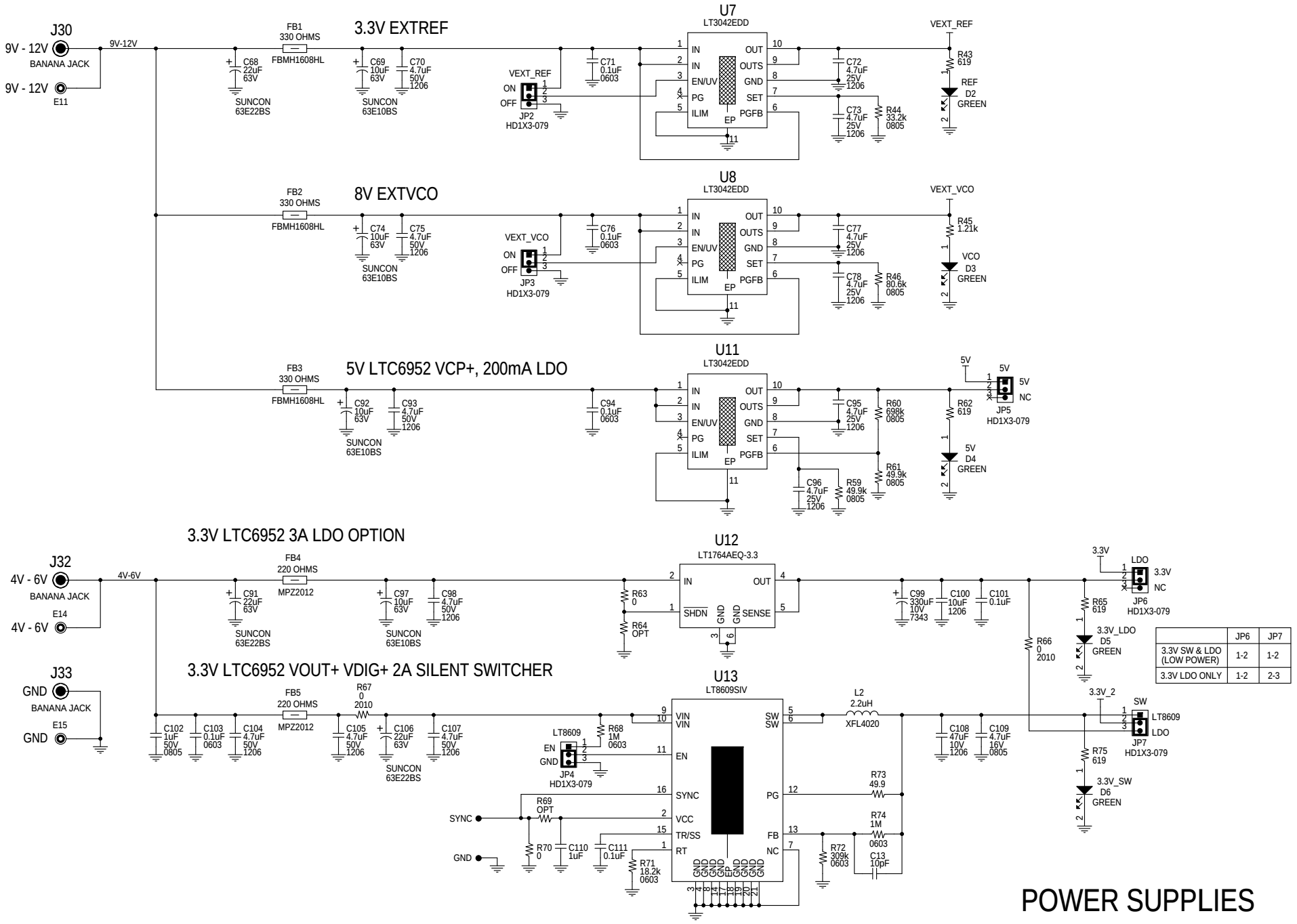
SIZE	IC NO.	REV.
N/A	LTC6952IUKG DEMO CIRCUIT 2609A	2

DATE: Thursday, July 13, 2017 SHEET 2 OF 4



POWER SUPPLIES

CUSTOMER NOTICE

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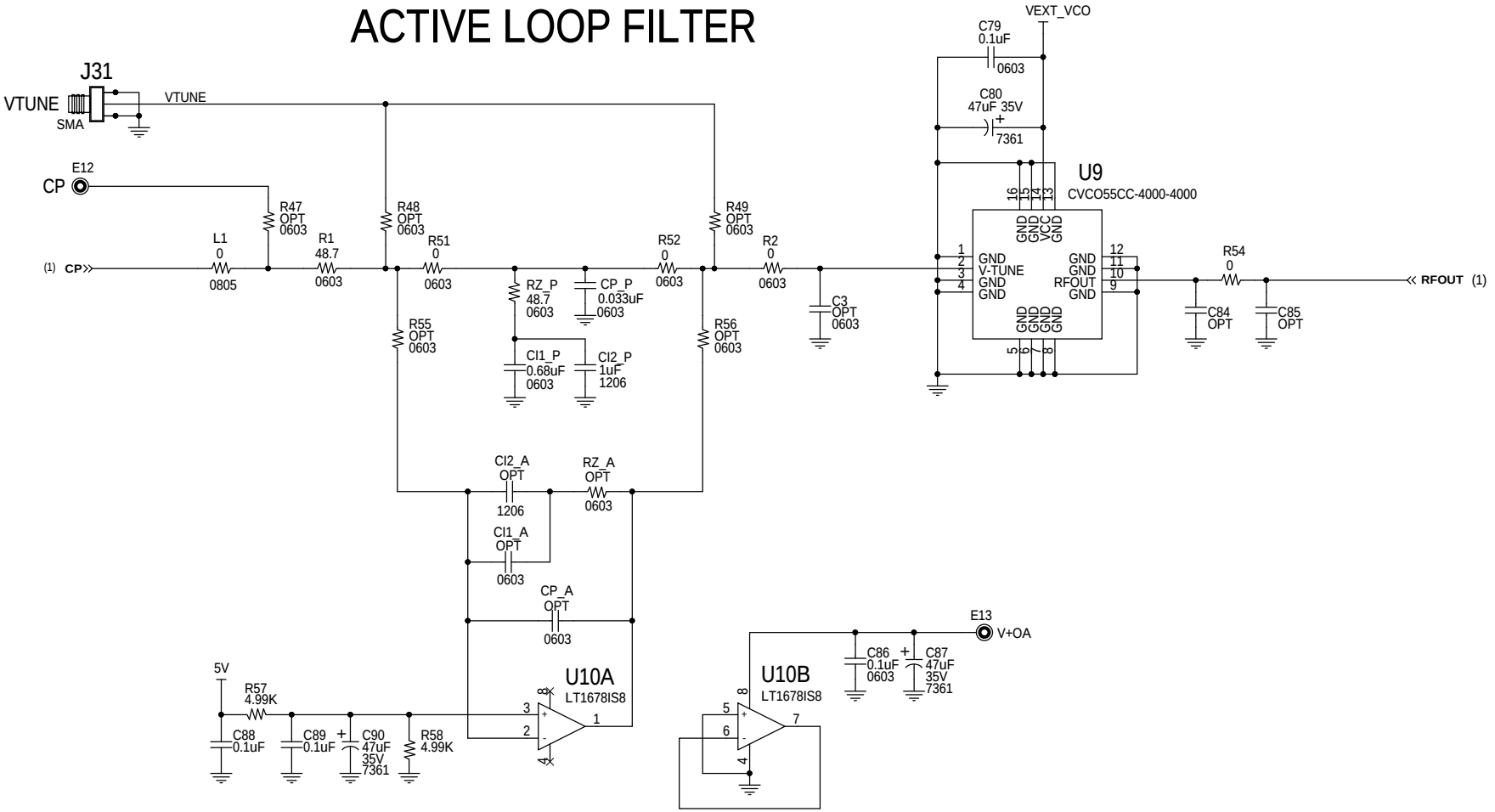
ACTIVE LOOP FILTER



CUSTOMER NOTICE	APPROVALS		
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	APP ENG.	CHRIS P.	TITLE: SCHEMATIC ULTRALOW JITTER PLL WITH ELEVEN PROGRAMMABLE OUTPUTS AND JESD204B SUPPORT
			SIZE N/A · IC NO. LTC6952IUKG DEMO CIRCUIT 2609A · REV. 2
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.	SCALE = NONE		DATE: Thursday, July 13, 2017 · SHEET 4 OF 4