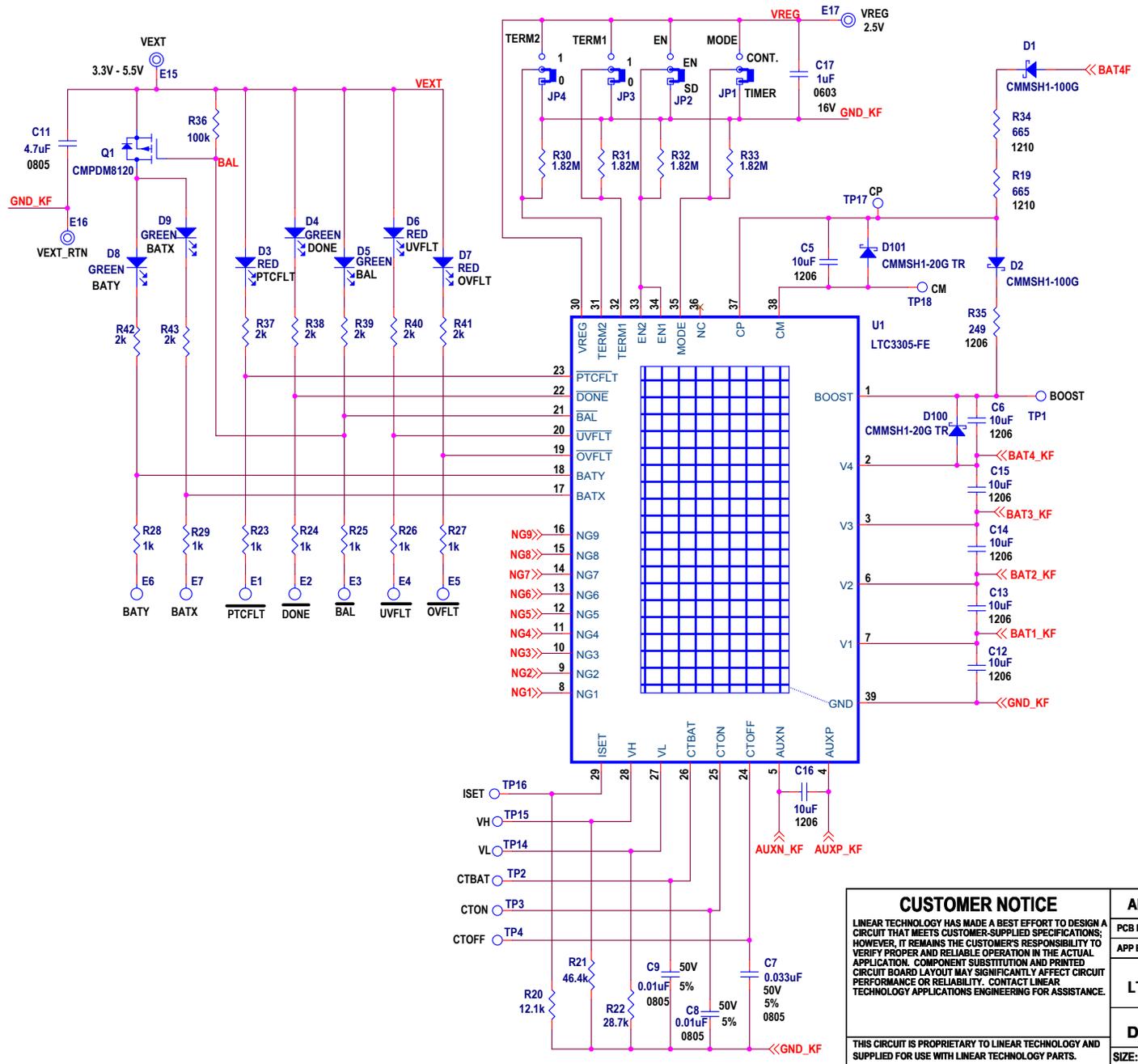


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	1	PROTOTYPE		

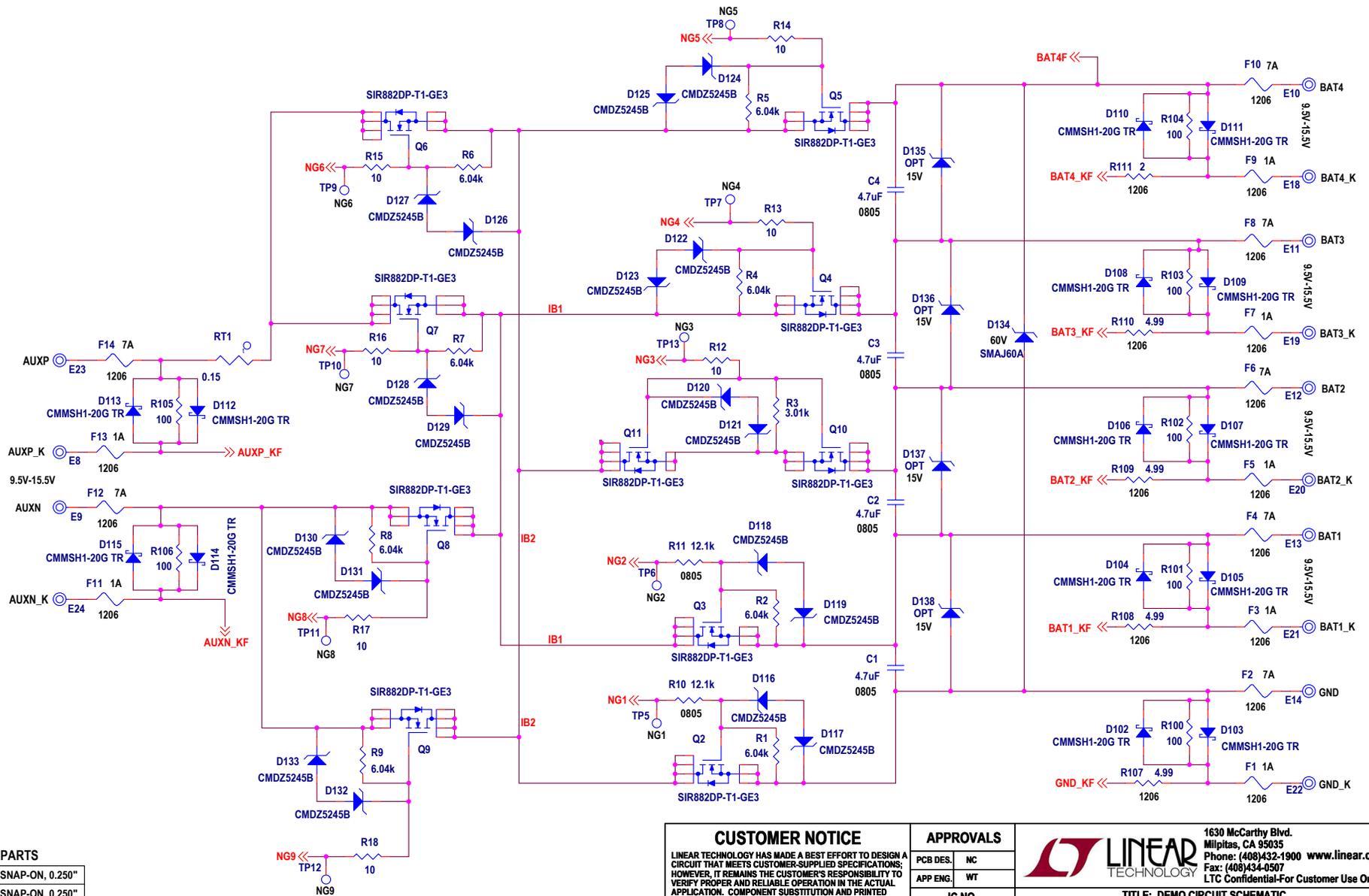


BATTERY BEING BALANCED	BAT LED	BATY LED	TERM1	TERM2	TERMINATION VOLTAGE
BATTERY 1	OFF	OFF	0	0	± 12.5mV
BATTERY 2	OFF	ON	1	0	± 25mV
BATTERY 3	ON	ON	0	1	±50mV
BATTERY 4	ON	OFF	1	1	± 100mV

**NOTES: UNLESS OTHERWISE SPECIFIED**

1. ALL RESISTORS ARE IN OHMS, 0402, 1%, 1/16W.
2. ALL CAPACITORS ARE IN MICROFARADS, 0805, 20%, 25V.
3. INSTALL SHUNTS ON JUMPERS AS SHOWN.

CUSTOMER NOTICE		APPROVALS		<p>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only</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.		PCB DES.	NC		<p><b>TITLE: DEMO CIRCUIT SCHEMATIC, LEAD ACID BATTERY BALANCER</b></p>
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		APP ENG.	WT		
		IC NO.	LTC3305-FE	<p>PCA BOM: 700-DC2043B_REV01 PCA ASSY: 705-DC2043B_REV01</p>	
		SKU NO.	DC2043B	SCHEMATIC NO. AND REVISION: <b>710-DC2043B_REV01</b>	
		SIZE: N/A	SCALE = NONE	DATE: Monday, October 31, 2016	
				SHEET 1 OF 2	



**PCA ADDITIONAL PARTS**

MP1	STANDOFF,NYLON, SNAP-ON, 0.250"
MP2	STANDOFF,NYLON, SNAP-ON, 0.250"
MP3	STANDOFF,NYLON, SNAP-ON, 0.250"
MP4	STANDOFF,NYLON, SNAP-ON, 0.250"
LB1	LABEL
PCB1	PCB, DC2043B REV01

**NOTES: UNLESS OTHERWISE SPECIFIED**

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**APPROVALS**

PCB DES.	NC
APP ENG.	WT

**IC NO.**

LTC3305-FE

**SKU NO.**

DC2043B

**SIZE: N/A**



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**TITLE: DEMO CIRCUIT SCHEMATIC,  
LEAD ACID BATTERY BALANCER**

**PCA BOM: 700-DC2043B\_REV01**

**PCA ASSY: 705-DC2043B\_REV01**

**SCHEMATIC NO. AND REVISION:**

**710-DC2043B\_REV01**

DATE: Monday, October 31, 2016

SHEET 2 OF 2