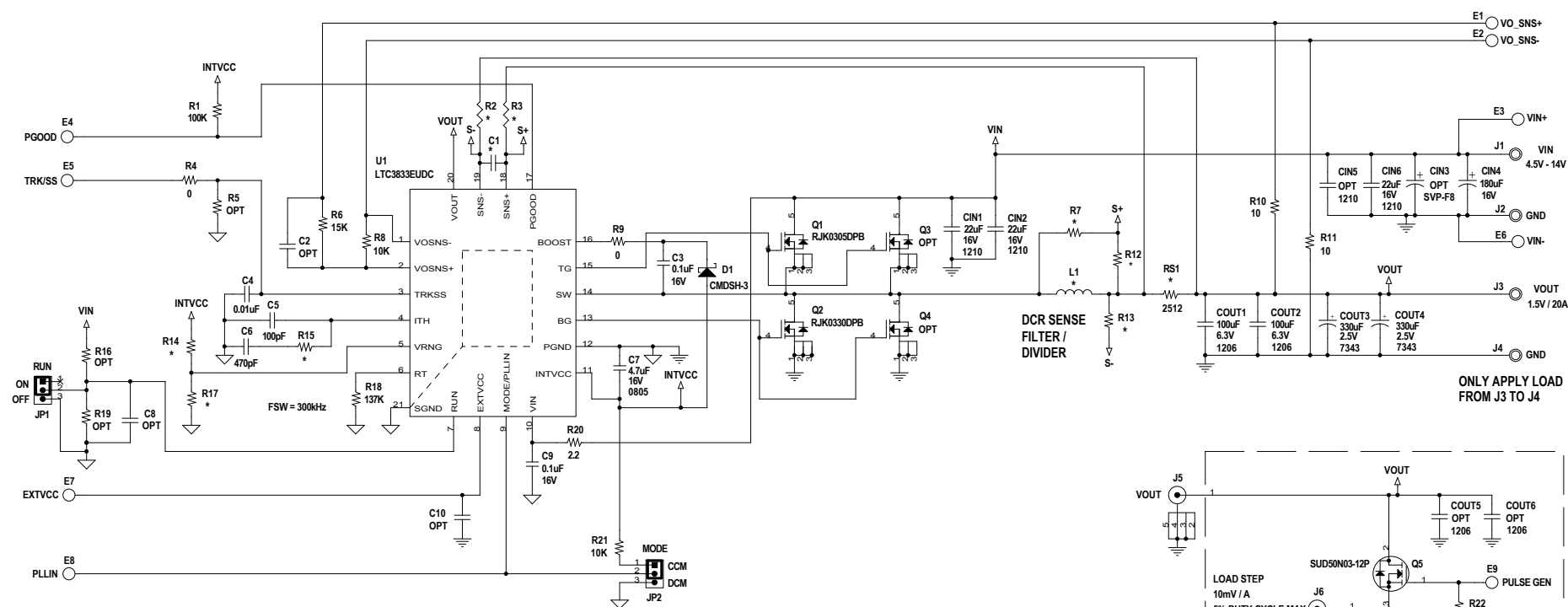


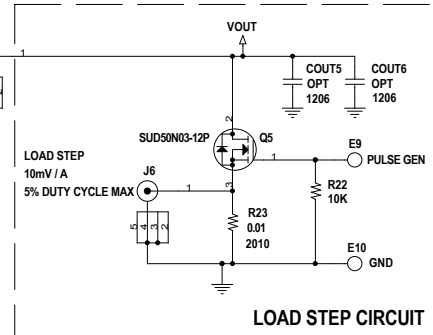
REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	2	PRODUCTION FAB	MIKE S.	9/27/10



NOTES: UNLESS OTHERWISE SPECIFIED

- ALL RESISTORS ARE IN OHMS, 0603.
ALL CAPACITORS ARE IN MICROFARADS, 0603.
- INSTALL SHUNTS ON JUMPERS AS SHOWN.

ASSY	L1	C1	R7	R12	R13	R14	R17	R2,R3	RS1	R15
-A (DCR SENSE)	WURTH 744355047 (0.47uH)	0.22uF	2.15K	OPT	0	OPT	0	OPT	0.000 Ohm 2512, TEPRO RN5326	13.0K
-B (RSENSE)	COILTRONICS FP1308R3-R44-R (0.44uH)	1000pF	OPT	OPT	OPT	0	OPT	10	0.002 Ohm 2512, VISHAY WSL2512L000FEA	16.5K



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.	NC
APP ENG.	MIKE S.
SCALE	NONE

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LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC

HIGH EFFICIENCY STEP-DOWN DC-DC CONVERTER

SIZE	N/A	IC NO.	LTC3833EUDC	REV.	2
DATE:			9/27/10	SHEET 1 OF 1	

DEMO CIRCUIT 1640A-A/B