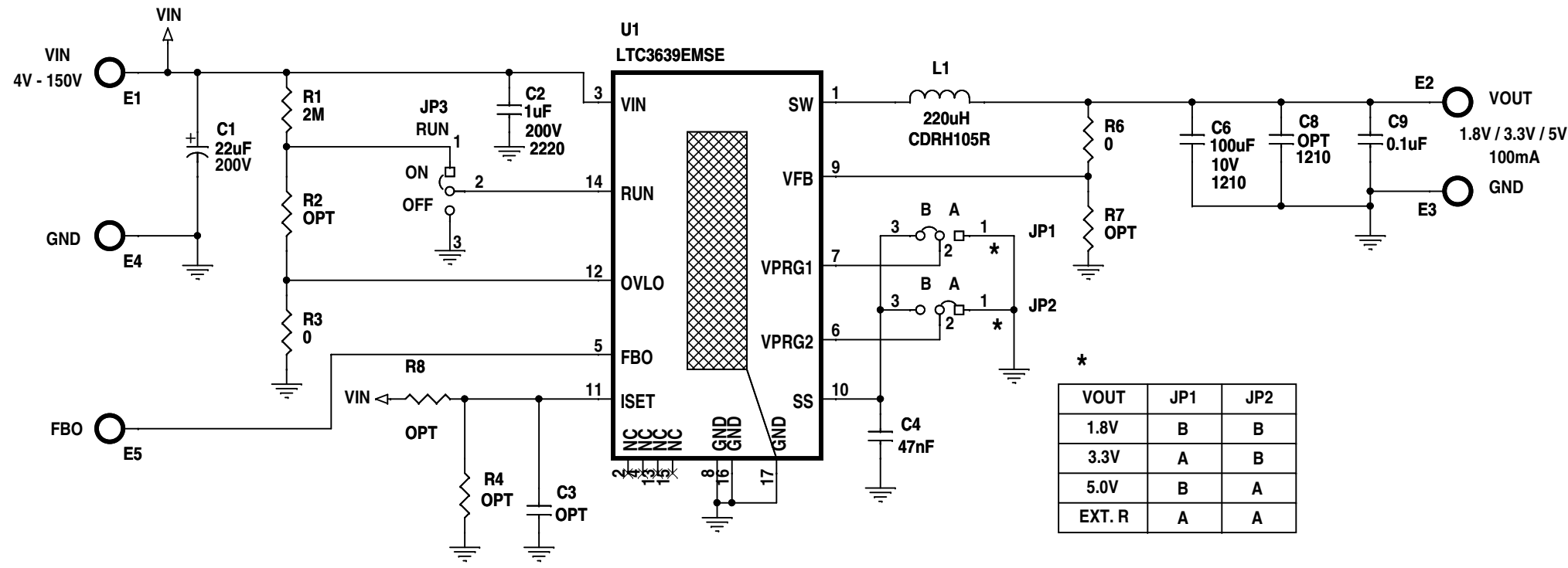


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
	1	PRODUCTION	CHARLIE Z.	12-19-12



\*

VOUT	JP1	JP2
1.8V	B	B
3.3V	A	B
5.0V	B	A
EXT. R	A	A

**NOTE: UNLESS OTHERWISE SPECIFIED**

- ALL RESISTORS ARE 0603.  
ALL CAPACITORS ARE 0603.
- FOR 5V OUTPUT, VIN RANGE IS 6V-150V.

**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.	LE T.
APP ENG.	CHARLIE Z.

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**TITLE: SCHEMATIC**

**HIGH EFFICIENCY, 150V, 100mA SYNCHRONOUS STEP-DOWN CONVERTER**

SIZE	IC NO.	<b>LTC3639EMSE</b>	REV.
N/A		<b>DEMO CIRCUIT 1901A</b>	<b>1</b>

DATE: **Wednesday, December 19, 2012** SHEET **1** OF **1**

SCALE = NONE