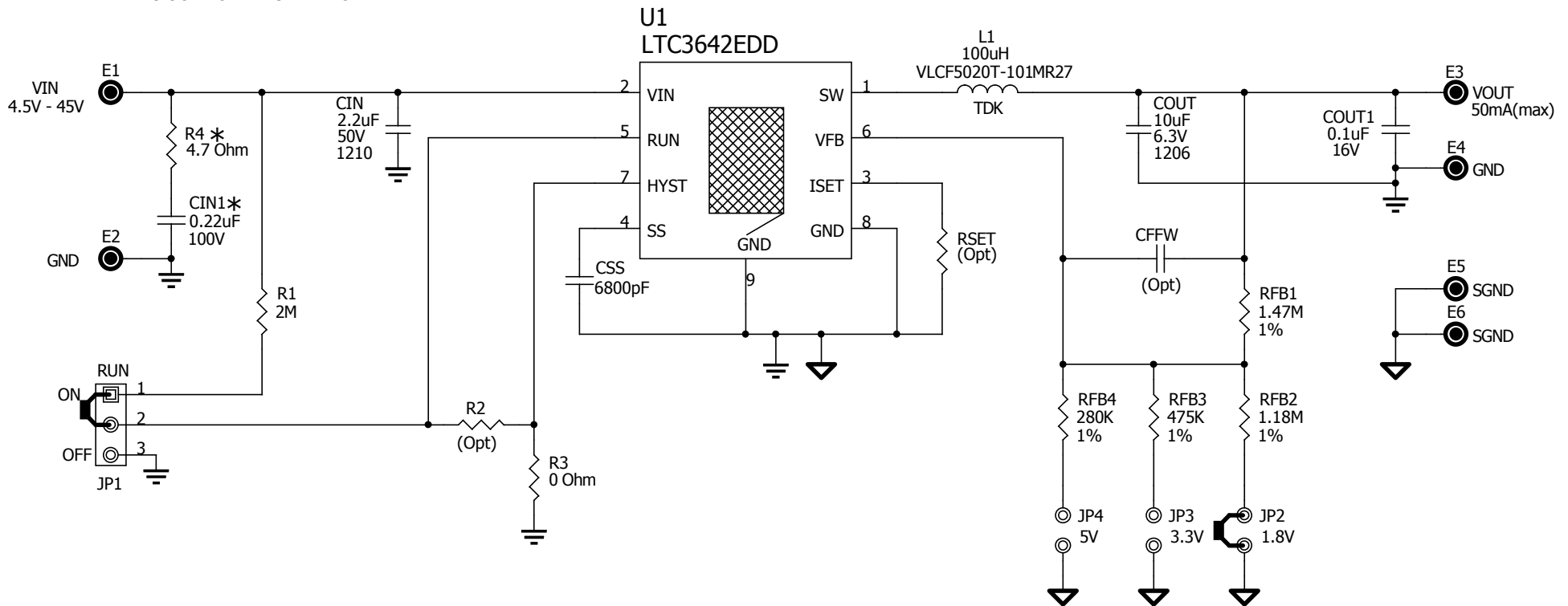


REVISION HISTORY				
ECO	REV	DESCRIPTION	DATE	APPROVED
	0	1st PROTOTYPE	<DATE>	<APPROVED>

* CIN1 & R4 ARE OPTIONAL COMPONENTS. THEY ARE INSERTED ON THE DC1429A TO DAMPEN THE (POSSIBLE) RINGING VOLTAGE DUE TO THE LONG INPUT LEADS. ON A NORMAL, TYPICAL PCB, WITH SHORT TRACES, THIS COMPONENTS ARE NOT NEEDED.



This circuit is proprietary to Linear Technology and supplied for use with Linear Technology parts.
Customer Notice: Linear Technology has made a best effort to design a circuit that meets customer-supplied specifications; however, it remains the customers 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 Applications Engineering for assistance.

APPROVALS		LINEAR TECHNOLOGY CORPORATION	
DRAWN: Rudy Bautista		1630 McCARTHY BLVD	
ENGINEER: Tom Gross		MILPITAS, CA. 95035	
APPROVED:		(408)432-1900	
CHECKED:		(408)434-0507 (FAX)	
Date: Thursday, September 11, 2008		Title: LTC3642EDD	
		High Efficiency 50mA Monolithic Synchronous Buck Regulator	
		Document Number	
		Demo Circuit 1429A	
		Rev 1	
		Sheet 1 of 1	