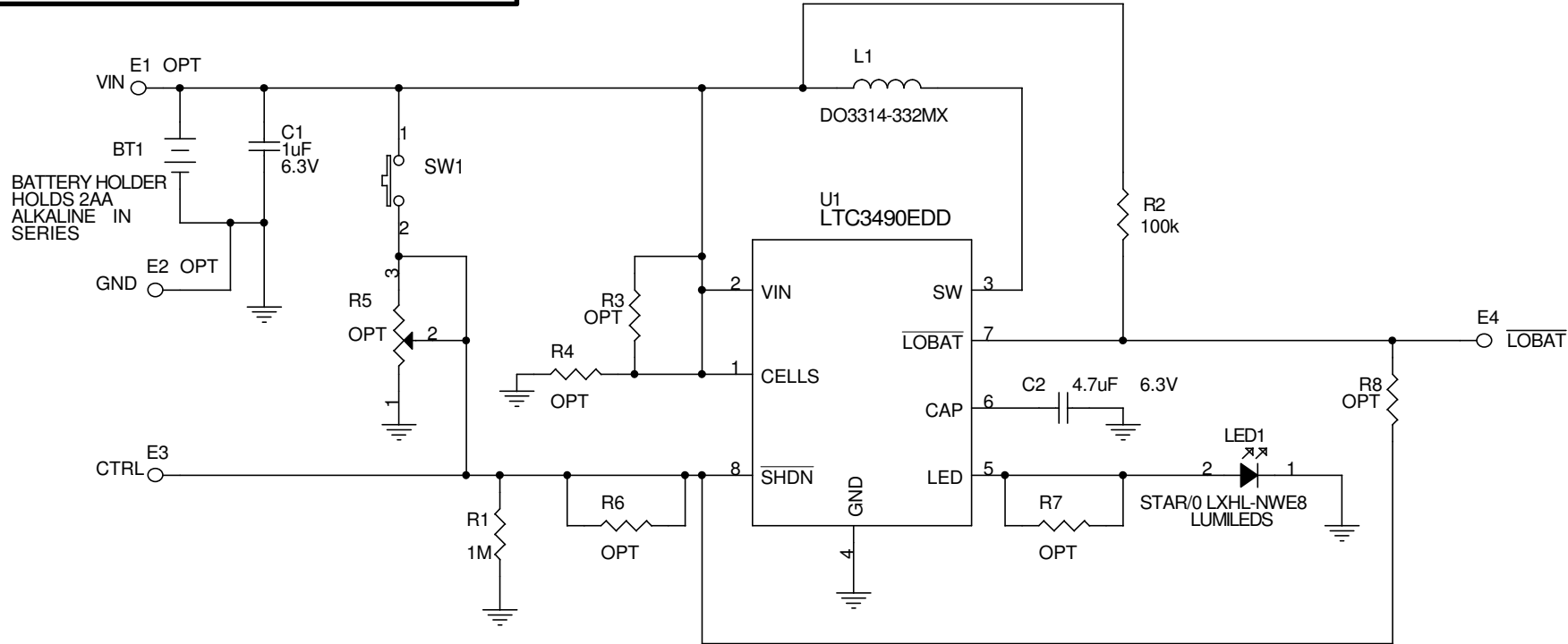


This circuit is proprietary to Linear Technology and supplied for use with Linear Technology parts.

**Customer Notice:** Linear Technology has made a best effort to design a circuit that meets customer-supplied specifications; however, it remains the 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 Applications Engineering for assistance.

REVISION HISTORY

ECO	REV	DESCRIPTION	DATE	APPROVED
	3	PROTO	03/22/05	



(OPTIONAL COMPONENTS)

- \* R7 REQUIRES TRACE CUT  
R7 USED TO ADD VOLTAGE DROP FOR LOW VOLTAGE LEDES.  
R7 CAN BE DIODE.
- \* R8 CONNECTS LOBAT TO SHDN
- \* R6 REQUIRES TRACE CUT  
R6 CONNECTS SHDN TO CTRL TERMINAL
- \* R5 POTENTIOMETER USED TO ADJUST LED CURRENT LEVEL  
R5 REQUIRES TRACE CUT
- \* R4 SHORTS CELLS TO GND FOR SINGLE CELL BATTERY  
R4 REQUIRES TRACE CUT (BETWEEN VIN AND CELLS) AND R3 OPEN  
FOR RETURN TO 2-CELL OPERATION, R4 OPEN, R3 ZERO OHM

CONTRACT NO.	
APPROVALS	DATE
DRAWN MEI	01/30/04
CHECKED	
APPROVED	
ENGINEER	
DESIGNER	
Friday, March 25, 2005	



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Milpitas, CA 95035  
Phone: (408)432-1900  
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TITLE			
SCH, LTC3490EDD, 350mA, 1W WHITE LED DRIVER			
SIZE	CAGE CODE	DWG NO	REV
		DC762A	3
SCALE:	FILENAME: 762A-3.DSN	SHEET 1	OF 1