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.

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(OPTIONAL COMPONENTS)

* R7 REQUIRES TRACE CUT
  R7 USED TO ADD VOLTAGE DROP FOR LOW VOLTAGE LEDs.
  R7 CAN BE DIODE.
* R8 CONNECTS LOBAT TO SHDN
* R6 REQUIRES TRACE CUT
  R6 CONNECTS 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