

Power Gauge™ Evaluation Board

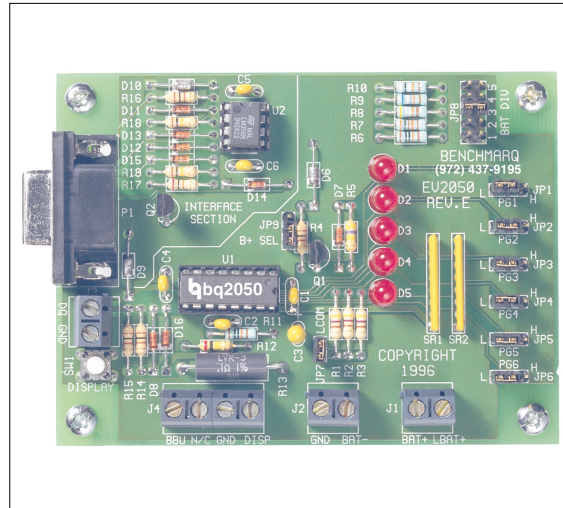
Features

- bq2050 Power Gauge™ IC evaluation and development system
- PC interface hardware for easy access to state-of-charge information via the serial port
- Battery state-of-charge monitoring for 1- to 5-cell (series) applications
- On-board voltage regulator for Power Gauge operation
- State-of-charge information displayed on bank of 5 LEDs
- Nominal capacity jumper-configurable
- Cell anode type (coke or graphite) jumper-configurable

General Description

The EV2050 Evaluation System provides a development and evaluation environment for the bq2050 Power Gauge IC. The EV2050 incorporates a bq2050 sense resistor, and all other hardware necessary to provide a power monitoring function for 1 to 5 series Li-Ion cells.

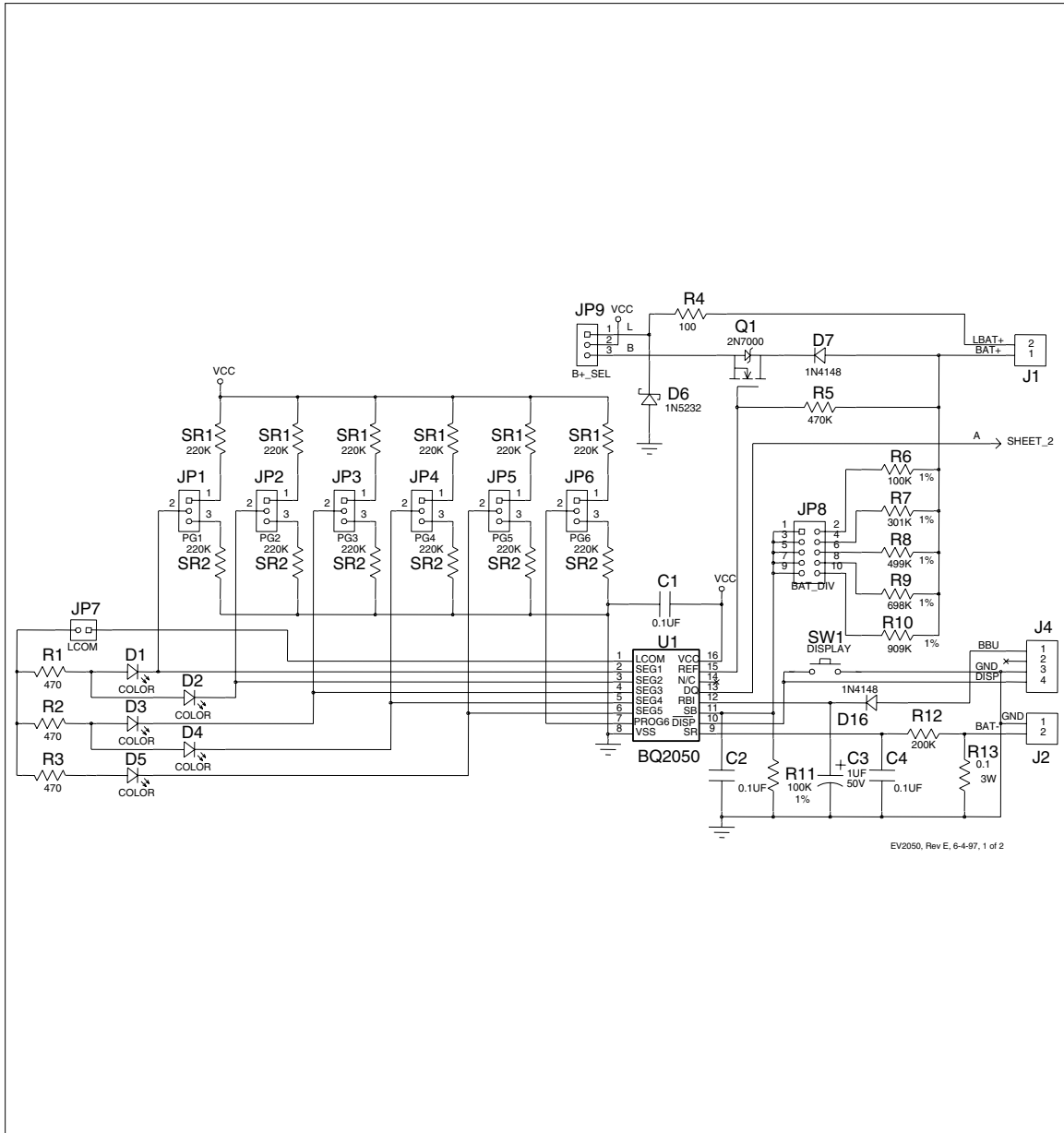
Hardware for an PC interface is included on the EV2050 so that easy access to the state-of-charge information can be achieved via the serial port of the bq2050. Direct connection to the serial port of the bq2050 is also made available for check-out of the final hardware/software implementation.



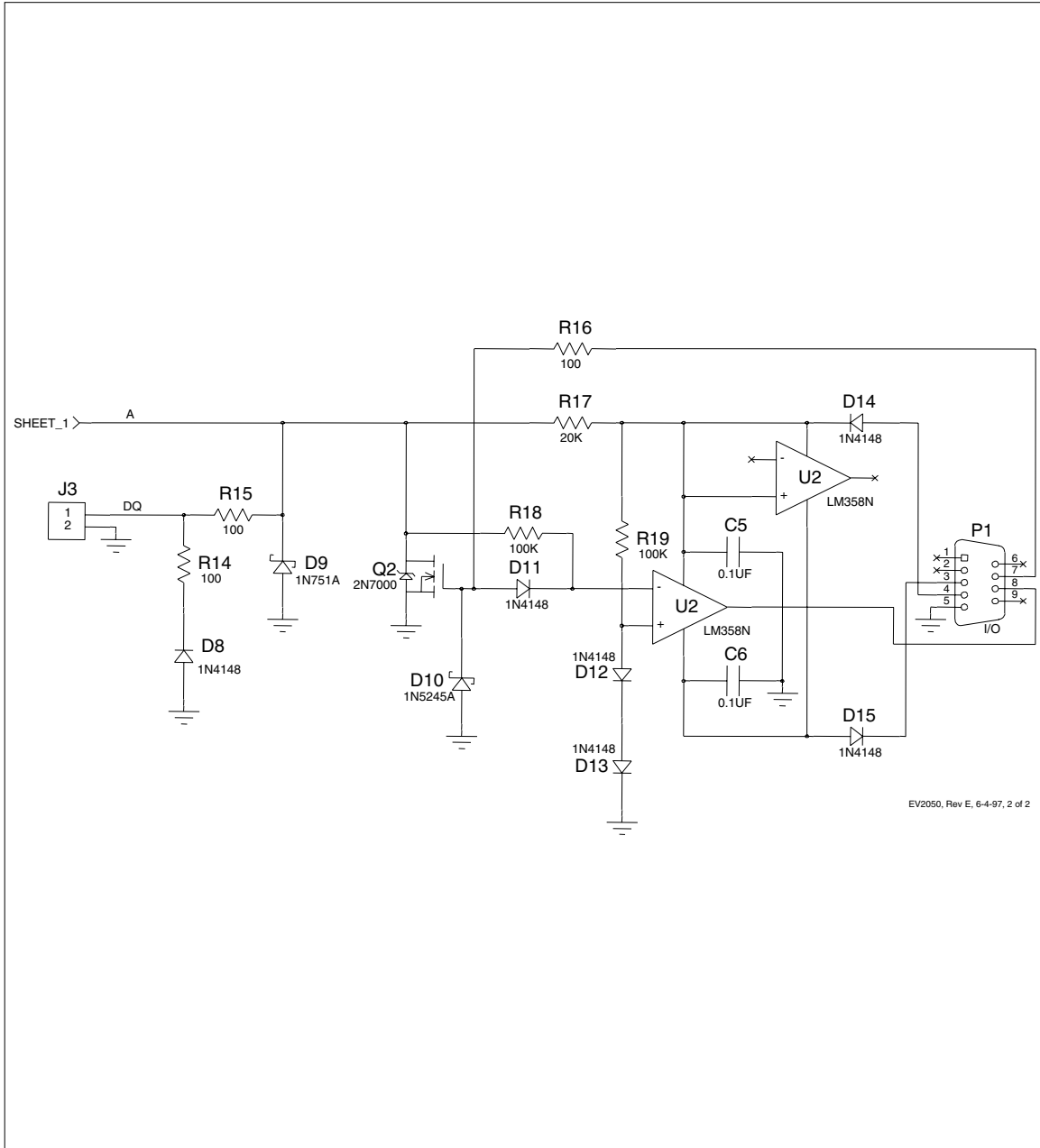
The menu-driven software provided with the EV2050 displays charge/discharge activity and allows user interface to the bq2050 from any standard DOS PC.

A full data sheet for this product is available from the Unitorde web site, or you may contact the factory for one.

EV2050 Board Schematic



EV2050 Board Schematic (Continued)



EV2050, Rev E, 6-4-97, 2 of 2

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