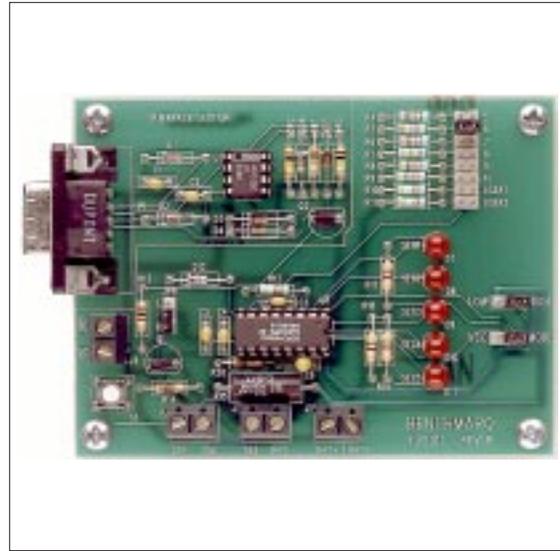


**bq2011 Evaluation System****Features**

- bq2011 Gas Gauge IC evaluation and development system
- PC interface hardware for easy access to state-of-charge information via the serial port
- Alternative terminal block for direct connection to the serial port
- Battery state-of-charge monitoring for 5- to 10-cell (series) applications (2 user-selectable options for 3, 4, or greater than 10 cells)
- On-board regulator for greater than 4-cell applications
- State-of-charge information displayed on bank of 5 LEDs
- Nominal capacity jumper-configurable
- Display mode jumper-configurable

**General Description**

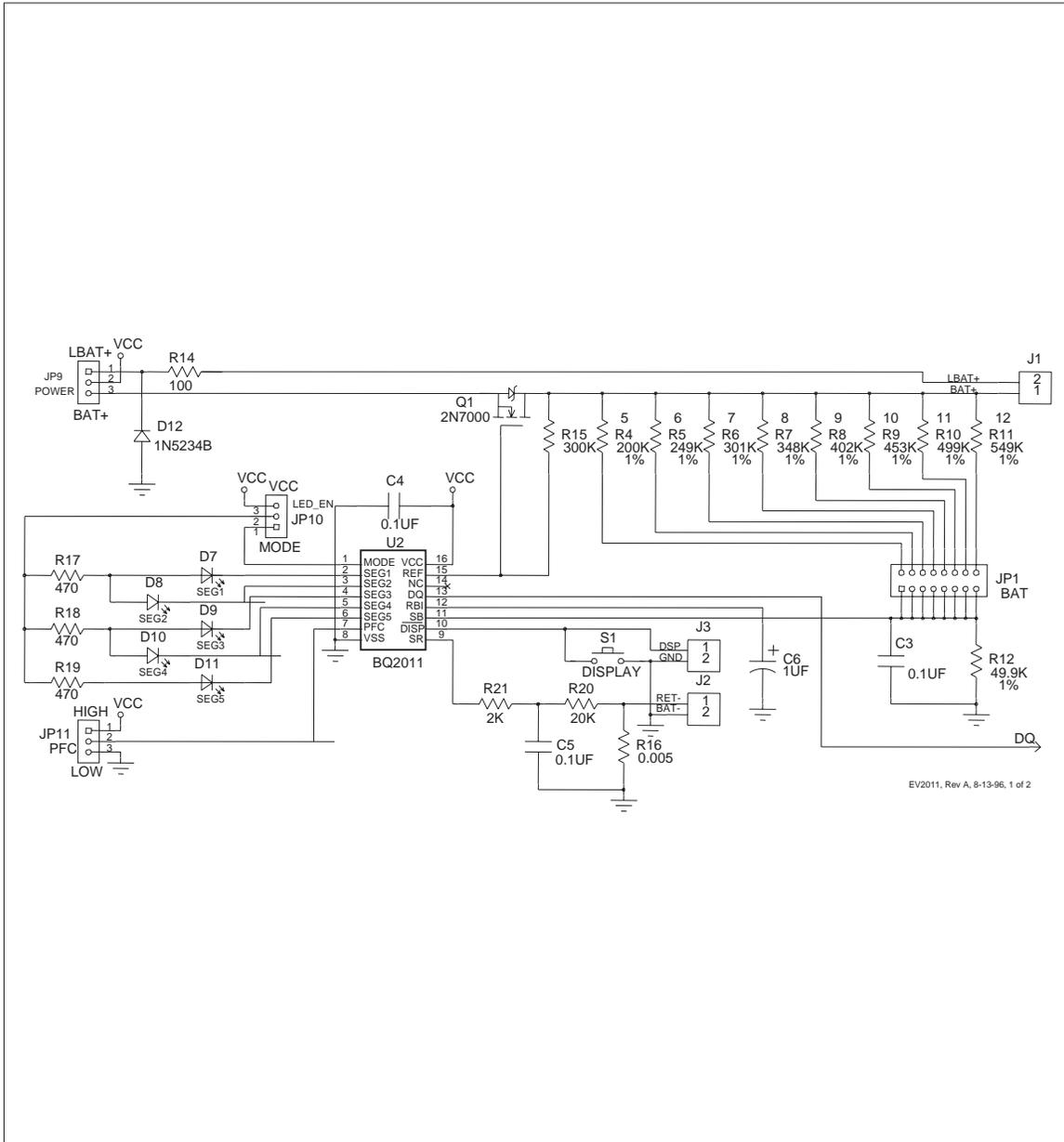
The EV2011 Evaluation System provides a development and evaluation environment for the bq2011 Gas Gauge IC. The EV2011 incorporates a bq2011, a sense resistor, and all other hardware necessary to provide a capacity monitoring function for 3 to 12 series NiCd cells.

Hardware for a PC interface is included on the EV2011 so that easy access to the state-of-charge information can be achieved via the serial port of the bq2011. Direct connection to the serial port of the bq2011 is also made available for check-out of the final hardware/software implementation.

The menu-driven software provided with the EV2011 displays charge/discharge activity and allows user interface to the bq2011 from any standard DOS PC.

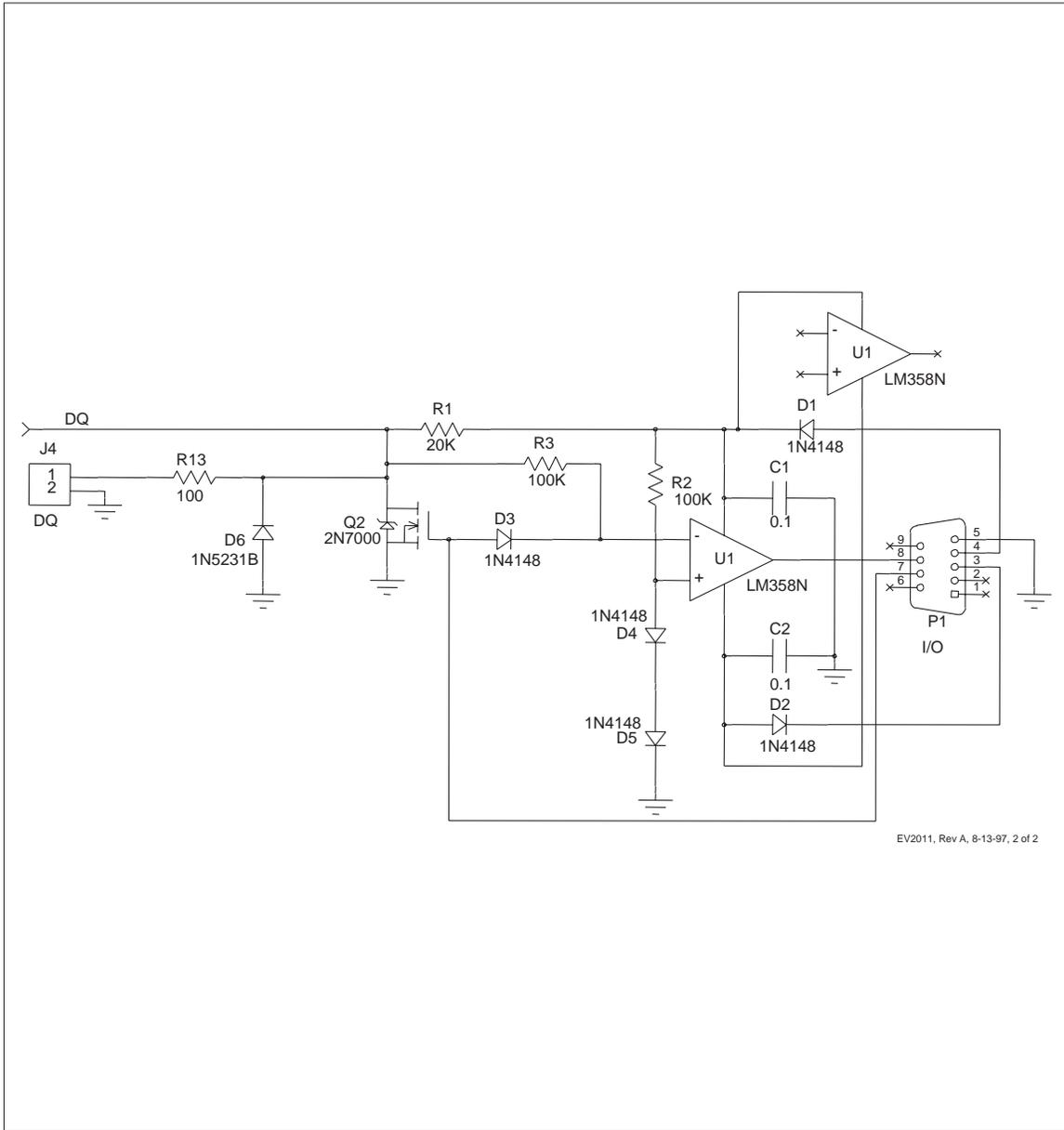
A full data sheet for this product is available on our web site (<http://www.benchmark.com>), or you may contact the factory for one.

## EV2011 Board Schematic



EV2011, Rev A, 8-13-96, 1 of 2

### EV2011 Board Schematic (Continued)



## Notes

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