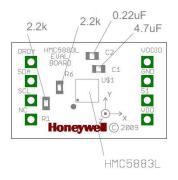
## **HMC5883L Evaluation Board**

## Honeywell

The *HMC5883L evaluation board* for the Compass IC contains the HMC5883L atop a 0.8" by 0.5" plug-board with wide-DIP pins for solderless breadboard compatibility. The evaluation board also contains the capacitors and  $\rm I^2C$  pull-up resistors needed for typical function for the retrieval of the XYZ magnetic field information. Both single and dual supply modes of the HMC5883L are supported.





## Notes:

- The HMC5883L can be operated in single supply or dual supply modes, as both VDD and VDDIO pins are brought out. The default configuration is dual supply mode.
- The recommended supply voltage is 2.16V ~3.6V for VDD and 1.71V~VDD for VDDIO.
- 3. For single supply mode, tie VDDIO to VDD voltage.

For questions about this evaluation board, please contact our applications support at 800-323-8295, option 2, option 1 or by email at <a href="mailto:ps.customer.support@honeywell.com">ps.customer.support@honeywell.com</a>

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