



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

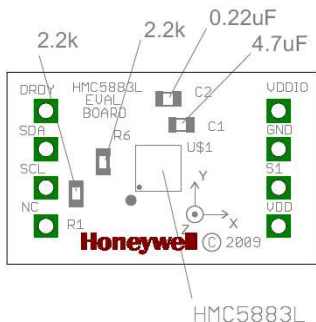
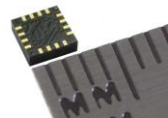
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# 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 I<sup>2</sup>C 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:

1. 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.
2. 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 [ps.customer.support@honeywell.com](mailto:ps.customer.support@honeywell.com)

Honeywell  
12001 Highway 55  
Plymouth, MN 55441  
Tel: 800-323-8295 / 763-954-2474  
[www.magneticsensors.com](http://www.magneticsensors.com)

Form #900418  
September 2010  
©2010 Honeywell International Inc.