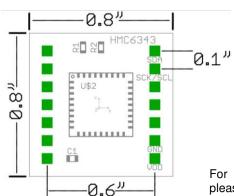
HMC6343 Evaluation Board

Honeywell

The *HMC6343 evaluation board* for the tilt-compensated digital compass IC contains the HMC6343 mounted on the 0.8" by 0.8" plug-board with wide-DIP spaced (0.6") pins for solderless breadboard compatibility. The board also contains the external capacitor and I2C pull-up resistors for typical function of the compass. The board contains the four connections (VDD, GND, SCL, and SDA) plus other breakouts.



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Notes:

- The HMC6343 operates best on three volt logic interfaces (VDD=2.7 to 3.3v)
- There are two 10k ohm pull-up resistors on the SDA and SCL serial bus lines. Also a 0.1uf capacitor is included for VDD supply decoupling.
- 12. The remaining unmarked pins are recommended to be open circuited. They are factory test points

For questions about this demonstration board, please contact our applications support at 800-323-8295, option 2, option 1 or by email at ps.customer.support@honeywell.com

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