NMH1000 Ultra-Low Power and Low-Voltage Magnetic Switch

NMH1000

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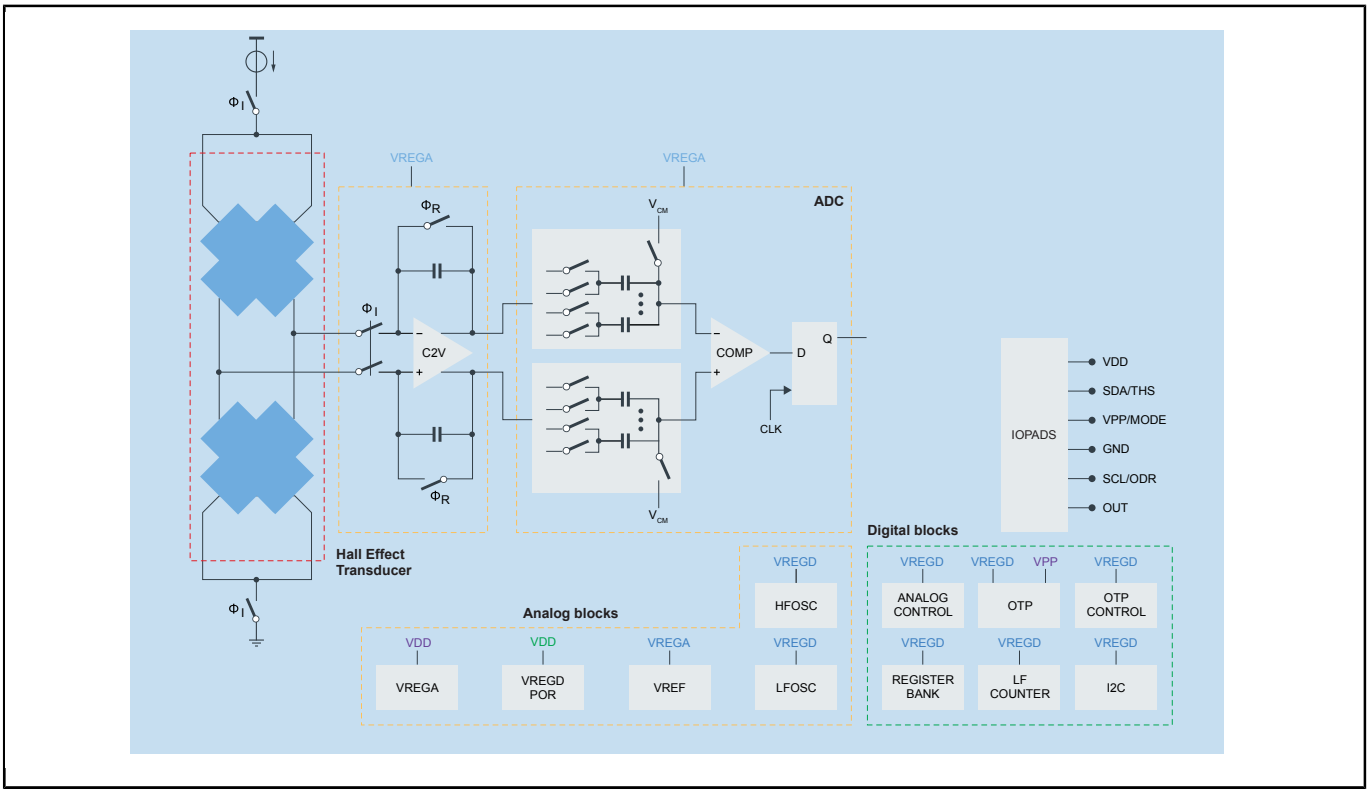
For additional information and sample availability contact support or your local sales representative.

The NMH1000 is an ultra-low power monolithic Hall effect magnetic field sensor that provides a small footprint in a DFN 1.4 x 1.4 x 0.85 mm package in low-current and low-operating-voltage, I²C mode or standalone mode.

The sensor is most sensitive to a vertical field passing though the top-to-bottom surfaces, orthogonal to the plane of the application PCB. The input consists of a magnetic field ranging from earth-bound background to a maximum BGmax. Output is asserted when surrounding magnetic field is greater than the user-defined detection threshold. In the I²C mode, an indication of the magnetic field value can be reported out.

Ultra Low Power and Low Voltage Magnetic Switch Block Diagram



View additional information for NMH1000 Ultra-Low Power and Low-Voltage Magnetic Switch.

Note: The information on this document is subject to change without notice.