



General Description

The OCH143 is an integrated Hall effect latched sensor designed for electronic commutation of brush-less DC motor applications. The device includes an on-chip Hall voltage generator for magnetic sensing, a comparator that amplifiers the Hall voltage, and a Schmitt trigger to provide switching hysteresis for noise rejection, and open-collector output. An internal bandgap regulator is used to provide temperature compensated supply voltage for internal circuits and allows a wide operating supply range.

Table with 8 columns: Part Number, Package Type, Package Qty, Brp (Gauss), Bop (Gauss), Temperature, Eco Plan, Lead. Row 1: OCH143AME, SIP-3L, Bulk 1000pcs/bag, -80 ~ -5, 5 ~ 80, -40~125°C, ROHS, Cu

Features

- Wide operating voltage range 3.8V~30V
Maximum output sink current 25mA
Open-Collector Output
Reverse polarity protection
Package: SIP3

Pin Configuration

(Top View)

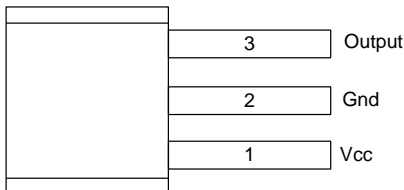
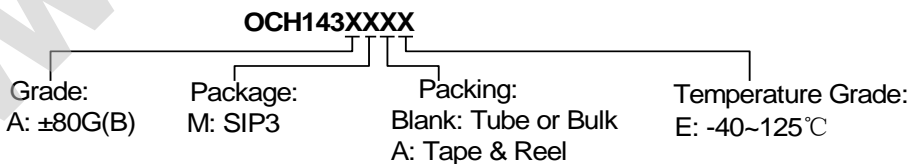


Table with 4 columns: Name, No. SIP3, I/O, Description. Rows: Vcc (1, P, IC Power Supply), Gnd (2, P, IC Ground), Output (3, O, It is low state during the S magnetic field)

Ordering Information



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