

Single Intelligent High-Current Self-Protected Silicon High-Side Switch (2.0 mohm), Power Switch ICs - Power Distribution SPSS

Manufacturers	NXP Semiconductor
Package/Case	Power QFN-16
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC33982BPNA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC33982BPNA is a specific Integrated Circuit (IC) manufactured by NXP Semiconductors. It is a dual H-bridge driver that is designed to control two DC motors or a single bipolar stepper motor.

Features

- Operating voltage range: 5.5V to 28V
- Output current per channel: up to 1.5A continuous, 2.5A peak
- Output diodes to clamp reverse voltage transients
- Over-temperature and over-current protection
- Low-power sleep mode for standby applications

Application

- Automotive powertrain systems
- Robotics
- Printers and scanners
- Home appliances (e.g., washing machines, vacuum cleaners)
- HVAC systems
- Power tools



PIN CONNECTIONS

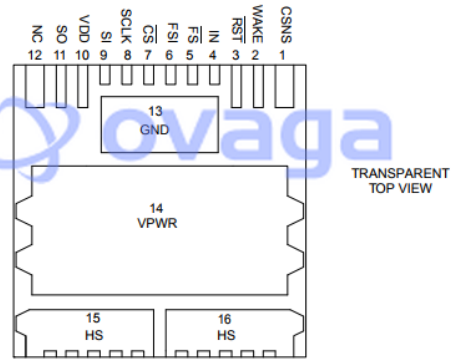


Figure 3. 33982 Pin Connections

Related Products



[MC3PHACVPE](#)

NXP Semiconductor
DIP-28



[MC34716EP](#)

NXP Semiconductor
QFN-26



[MC06XS4200FK](#)

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