# **MPQ6527-AEC1/MP6527**

## 40V, 0.8A, 10-Ch Half-Bridge Driver with Serial Interface

## **Key Features**

- 5.5V to 40V Input Voltage (V<sub>IN</sub>) Range ٠
- Up to 0.8A Output Current ( $I_{OUT}$ ) •
- R<sub>DS(ON)</sub> (HS-FET and LS-FET), Typically 1.3Ω
- Serial Data Interface ٠
- Various Diagnostic Functions include ٠ Output Short, Open Load, Over-Temperature (OT), Over-Voltage (OV), and Under-Voltage (UV)

## **Applications**

- Drives Various Loads in Automotive and Industrial Applications
- **Solenoid Drivers** ٠
- DC Motors •

For Customer and Distributor Use Only

## Why Buy?

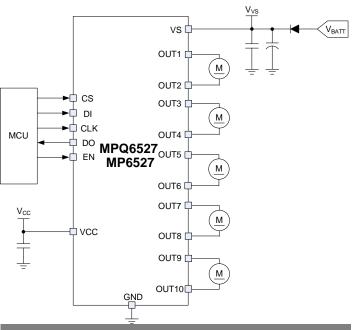
- Wider  $V_{IN}$  Range than Competitors
- More Diagnostic Functions than Competitors

#### Market

- Automotive HVAC Controls ٠
- Programmable Logic Control (PLC) • I/O Modules



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Available in a TSSOP-28EP Package



