

## MAX78638

# Three-Phase Energy Measurement and Motor Diagnostics Device

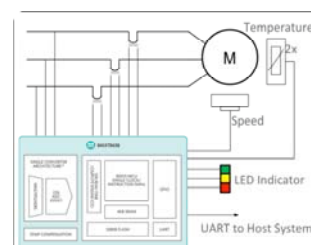
Industry's First Convenient, Economical Solution for Condition-Monitoring and Root-Cause Failure Analysis

### OVERVIEW

#### Description

The MAX78638 provides three-phase energy measurement and motor diagnostics. It is a convenient, economical solution for condition monitoring and root-cause failure analysis.

#### MAX78638



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#### Key Features

- 46 Motor Degradation Parameters and Factors Calculated and Tracked
- 10 Sensor Inputs and 19 DIO
- 22-Bit Delta-Sigma ADC and 32-Bit Compute Engine
- Configurable Alarms and Cumulative Time Calculations