



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## MAX78638

# Three-Phase Energy Measurement and Motor Diagnostics Device

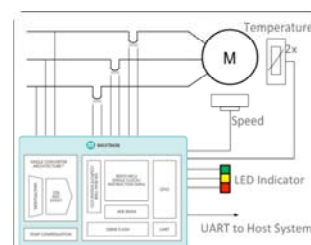
Industry's First Convenient, Economical Solution for Condition-Monitoring and Root-Cause Failure Analysis

### 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



Enlarge++

#### 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