

Polyphase Energy Metering, 2.8V to 3.6V, TQFP-48

Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-48
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ATM90E32AS-AU-Y or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ATM90E32AS is an enhanced high-performance energy metering device for three-phase four-wire (3P4W, Y0) or three-phase three-wire (3P3W, Y or Δ) systems. With the measurement function, it can also be used in power monitoring instruments which need to measure voltage, current, mean power, etc.

Features

Poly-phase solutions up to class 0.2 accuracy.

6000:1 dynamic range improves performance and reduces OEM's overall cost of manufacturing and bill of materials.

Compliant with IEC62052-11, IEC62053-22/23, ANSI C12.1, C12.20.

Lowest temperature drift in the industry for this type of device.

Related Products



[ATA6563-GAQW0](#)

Microchip Technology, Inc
SOIC-8



[AT42QT1040-MMHR](#)

Microchip Technology, Inc
VQFN-20



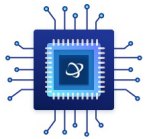
[AT30TSE004A-MAA5M-T](#)

Microchip Technology, Inc
WDFN-8



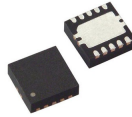
[AT30TS74-SS8M-T](#)

Microchip Technology, Inc
SOIC-8



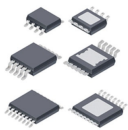
[ATMEGA808-MU](#)

Microchip Technology, Inc



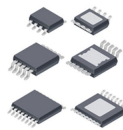
[ATSAMC21G17A-MZTVAO](#)

Microchip Technology, Inc
VQFN



[ATTINY3226-SU](#)

Microchip Technology, Inc
SOIC



[ATTINY3224-SSU](#)

Microchip Technology, Inc
SOIC