


## Energy Measurement 24-Pin SOIC W Tube

<b>Manufacturer:</b>	<a href="#">Analog Devices, Inc</a>
<b>Package/Case:</b>	SOP24
<b>Product Type:</b>	Discrete Semiconductor Modules
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

## General Description

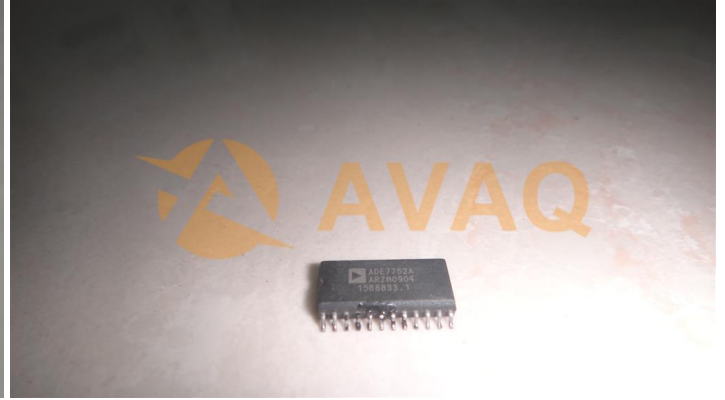
ADE7752AARZ is an integrated circuit (IC) designed by Analog Devices Inc. It is a single-phase electrical energy measurement IC that measures and analyzes the quality of the electrical signal, making it useful for power monitoring applications.

## Key Features

- Single-phase active energy metering
- High-accuracy (0.5% error over a dynamic range of 1000:1)
- Measures both forward and reverse energy flows
- Measures current and voltage RMS
- No requirement for external calibration
- Operates over a wide range of frequencies (45-65Hz)
- Supports a range of communication interfaces (such as SPI and I2C)

## Application

- Residential energy meters
- Industrial energy meters
- Power quality monitoring
- Energy monitoring for renewable energy systems
- Lighting control systems



## Recommended For You

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### **AD7305BRZ**

Analog Devices, Inc

SOP20

### **AD9910BSVZ**

Analog Devices, Inc

TQFP100

### **AD9831ASTZ**

Analog Devices, Inc

QFP

### **AD5447YRUZ**

Analog Devices, Inc

TSSOP

### **AD5302BRMZ**

Analog Devices, Inc

MSOP10

### **AD5531BRUZ**

Analog Devices, Inc

TSSOP16

### **AD537JH**

Analog Devices, Inc

CAN10

### **AD652AQ**

Analog Devices, Inc

DIP

### **AD654JN**

Analog Devices, Inc

DIP8

### **AD7740YRMZ**

Analog Devices, Inc

MSOP8

### **AD9914BCPZ**

Analog Devices, Inc

LFCSP

### **AD73311ARSZ**

Analog Devices, Inc

SSOP20

### **AD7291BCPZ**

Analog Devices, Inc

LFCSP20

### **AD9954YSVZ**

Analog Devices, Inc

QFP

### **AD2S1205YSTZ**

Analog Devices, Inc

LQFP44