

## Energy Measurement 24-Pin SOIC W Tube

<b>Manufacturer:</b>	<u>Analog Devices, Inc</u>
<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

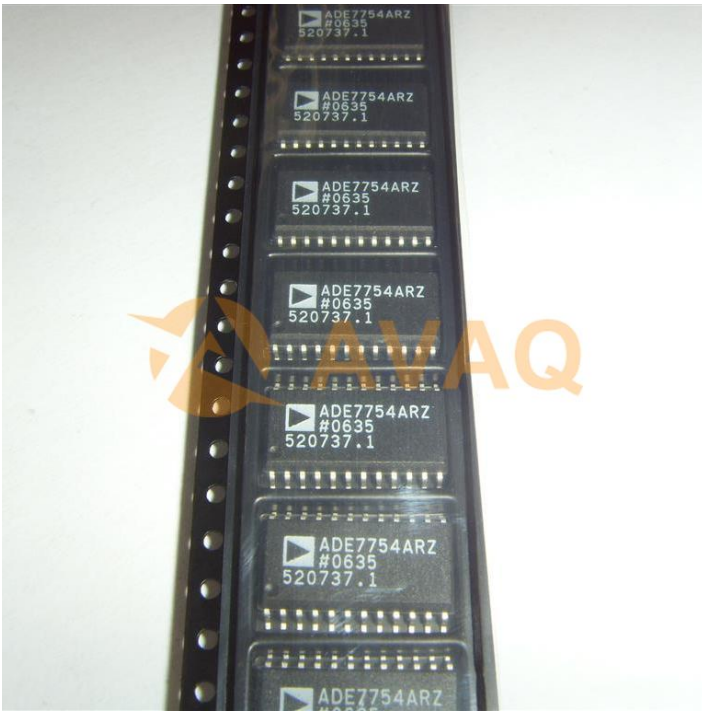
ADE7754ARZ is a high accuracy, fault-tolerant, electrical energy measurement IC (integrated circuit) designed by Analog Devices. It is used for single-phase or polyphase energy metering applications, as well as in industrial and commercial energy monitoring systems.

### Key Features

- Accurate active, reactive, and apparent energy measurement
- High accuracy over a wide dynamic range
- Integrated digital temperature compensation
- On-chip fault detection and diagnostics
- Low-power sleep mode
- SPI and I2C interfaces for communication with a microcontroller

### Application

- Smart electricity meters
- Industrial and commercial energy monitoring systems
- Power quality monitoring systems
- Energy management systems
- Renewable energy systems



## Recommended For You

---

### **AD7305BRUZ**

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