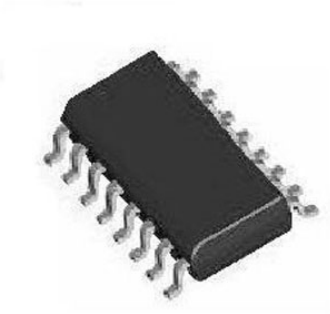
RE46C190S16F

Data Sheet

CMOS Low Voltage Photoelectric Smoke Detector ASIC with Interconnect

Manufacturers	Microchip Technology, Inc
Package/Case	SOIC-16
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for RE46C190S16F or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The RE46C190 is not recommended for new designs. Please use the RE46C191 for all new designs.The RE46C190 is a low voltage, low current programmable photoelectric smoke detector IC. This circuit will provide all the required features for a photoelectric smoke detector with minimal external components. Programmable setup, calibration and feature selection are the key to reduced component count and reduced manufacturing costs. The boost regulator insures proper operation of the infrared diode and the piezo horn under low battery conditions. The RE46C190 was designed for use in smoke detectors that comply with Underwriters Laboratory Specification UL217 and UL268.

For product comparison, please consider:RE46C191

Features

Two AA battery Operation

Low Quiescent Current Consumption

Internal IRED driver with Programmable IRED Current

Programmable Photo Amplifier

Programmable Smoke Sensitivity Levels

9 Minute Timer for Reduced Sensitivity Operation

Chamber Test with Programmable Sensitivity Level

Internal Low Battery Test with Programmable Threshold

Interconnect up to 40 Detectors

Local Alarm Memory

Temporal or Continuous Horn Pattern

All internal Oscillator

Internal Power On Reset

Available 16L N SOIC

Related Products

RE46C141SW16TF

Microchip Technology, Inc

SOIC-16

RE46C317S8F

Microchip Technology, Inc

SOIC-8

RE46C190S16TF

Microchip Technology, Inc

SOIC-16

RE46C119S16TF

Microchip Technology, Inc

SOIC-16

RE46C119S16F

Microchip Technology, Inc

SOIC-16

RE46C119E16F

Microchip Technology, Inc

PDIP-16

RE46C117S8TF

Microchip Technology, Inc

SOIC-8

RE46C117E8F

Microchip Technology, Inc

PDIP-8