LM75AD,112

Data Sheet

Temperature Sensor IC, Digital, ± 3°C, -55 °C, 125 °C, SOIC, 8 Pins

Manufacturers	NXP Semiconductor
Package/Case	MSOP-8
Product Type	Temperature Sensors
RoHS	Green
Lifecycle	

Images are for reference only

Please submit RFQ for LM75AD,112 or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

LM75AD,112 is a temperature sensor IC manufactured by Texas Instruments.

Features

It has a digital output that uses the I2C bus communication protocol.

It has a wide operating voltage range from 2.8V to 5.5V.

It has a high accuracy of ±2°C over the entire temperature range of -55°C to +125°C.

It has a low quiescent current consumption of 250µA typical.

It has a shutdown mode to conserve power.

Application

It can be used for temperature monitoring and control in various applications, including automotive, industrial, and consumer electronics.

It can be used as a thermal protection device for sensitive components such as processors, power amplifiers, and voltage regulators.

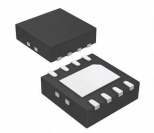
It can be used for temperature compensation in precision instrumentation, such as oscilloscopes and signal generators.

Related Products

[LM75BD,118]

NXP Semiconductor

SO-8



[LM75BGD,125]

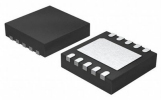
NXP Semiconductor

XSON-8

[LM75ADP,118]

NXP Semiconductor

TSSOP-8



[LM75BTP,147]

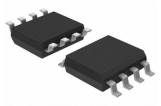
NXP Semiconductor

HWSON-8

[LM75BDP/DG,118]

NXP Semiconductor

8-TSSOP, 8-MSOP (0.118", 3.00mm Width)



[LM75BD,112]

NXP Semiconductor

SO-8

[SE95DP,118]

NXP Semiconductor

TSSOP-8

[SA56004ED,118]

NXP Semiconductor

SOIC-8