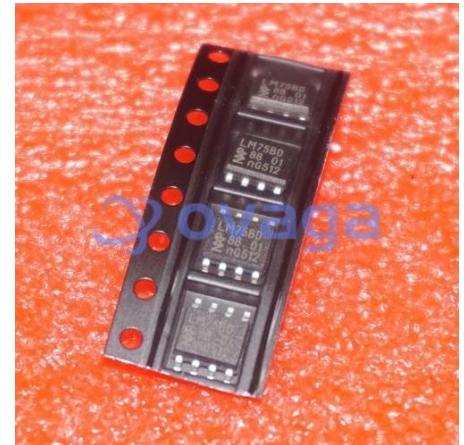Digital temperature sensor and thermal watchdog, SOT96-1 (SO8), Tape reel SMD,Board Mount Temperature Sensors I2C LOCAL +/- 20C TS DIGITAL TEMP SENSOR

Manufacturers	NXP Semiconductor
Package/Case	SO-8
Product Type	Temperature Sensors
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for LM75BD,118 or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

LM75BD,118 is a digital temperature sensor manufactured by NXP Semiconductors. It is a surface mount device with an 8-pin SO package.

Features

Measures temperature with an accuracy of ±2°C (max) over the range of -55°C to +125°C

Can operate with a power supply voltage range of 2.8V to 5.5V

Provides a digital output using the I2C interface

Supports 9-bit to 12-bit temperature resolution

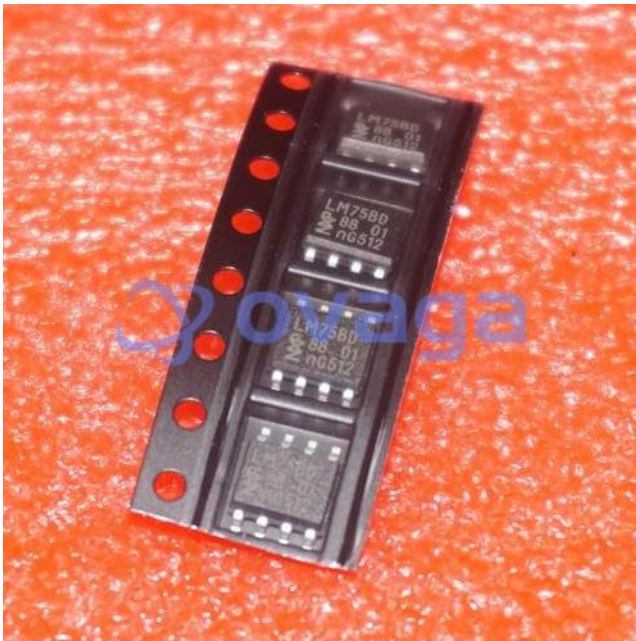Has a shutdown mode to conserve power

Application

Personal computers and servers for thermal management

HVAC (heating, ventilation, and air conditioning) systems for temperature control

Industrial automation and control systems for temperature monitoring

Consumer electronics such as smartphones and tablets for thermal management

Automotive applications for temperature sensing

Related Products

LM75AD,112

NXP Semiconductor
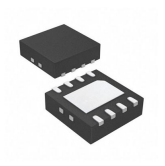
MSOP-8

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