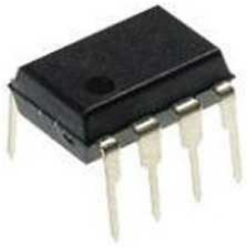
TC620CCPA

Data Sheet

Temp Switch, Int Sensor, C Opt., 0C to +70C, 8-PDIP, TUBE,Board Mount Temperature Sensors Int Sensor C Opt.

Manufacturers	Microchip Technology, Inc
Package/Case	PDIP-8
Product Type	Temperature Sensors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for TC620CCPA or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

TC620 and TC621 are programmable logic output temperature detectors designed for use in thermal management applications. The TC620 features an on-board temperature sensor, while the TC621 connects to an external NTC thermistor for remote sensing applications.Both devices feature dual thermal interrupt outputs (HIGH LIMIT and LOW LIMIT), each of which program with a single external resistor. On the TC620, these outputs are driven active (high) when measured temperature equals the user-programmed limits. The CONTROL (hysteresis) output is driven high when temperature equals the high limit setting, and returns low when temperature falls below the low limit setting. This output can be used to provide simple ON/OFF control to a cooling fan or heater. The TC621 provides the same output functions except that the logical states are inverted.The TC620/621 are usable over a maximum temperature range of – 40C to +125C.

Features

User-Programmable Hysteresis and Temperature Set Point

Easily Programs with 2 External Resistors

Wide Temperature Detection Range: - 40C to +125C (TC620/621CVx)

External Thermistor for Remote Sensing Applications (TC621x)

Related Products

TCN75AVOA713

Microchip Technology, Inc

SOIC-8

TC77-5.0MCTTR

Microchip Technology, Inc

SOT-23A-5

TC620CEOA

Microchip Technology, Inc

SOIC-8

TC622EPA

Microchip Technology, Inc

PDIP-8

TCN75AVOA

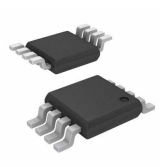
Microchip Technology, Inc

SOIC-8

TCN75AVUA713

Microchip Technology, Inc

MSOP-8



TCN75AVUA

Microchip Technology, Inc

MSOP-8

TC650ACVUATR

Microchip Technology, Inc

MSOP-8