MCP809T-485I/TT

Data Sheet

MICROCONTROLLER SUPERVISORY CIRCUIT WITH PUSH-PULL OUTPUT,Supervisory Circuits Push-Pull Low

Images are for reference only

Manufacturers	Microchip Technology, Inc
Package/Case	SOT-23-3
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for MCP809T-485I/TT or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

The MCP809/810 microprocessor supervisory circuits can be used to monitor the power supplies in microprocessor and digital systems. They provide a reset to the microprocessor during power-up, power-down and brown-out conditions.

The function of the MCP809/810 is to monitor the VCC supply voltage, and assert a reset signal whenever this voltage declines below the factory-programmed reset threshold. The reset signal remains asserted for 240ms after VCC rises above the threshold. The MCP809 has an active-low RESET output, while the MCP810 has an active-high RESET output.

Seven standard reset voltage options are available, suitable for monitoring 5V, 3.3V, and 3V supply voltages.

With a low supply current of only 15µA, the MCP809/810 are ideal for use in portable equipment. The MCP809/MCP810 are available in the 3-pin SOT23 package.

Features

Precise Monitoring of 3V, 3.3V, and 5V Supply Voltages

Fully specified over temperature

140ms min. Power-On Reset Pulse Width, 240ms Typical

Active-low RESET Output (MCP809)

Active-high RESET Output (MCP810)

Specified RESET Output Valid for VCC≥1V

Low Supply Current, 15µA typical

Power supply transient immunity

Related Products

[MCP1725-3302E/MC]

Microchip Technology, Inc

DFN-8

[MCP1702T-2502E/CB]

Microchip Technology, Inc

SOT-23A-3

[MCP1702T-5002E/CB]

Microchip Technology, Inc

SOT-23

[MCP1700T-2502E/TT]

Microchip Technology, Inc

SOT-23-3

[MCP1700T-3002E/TT]

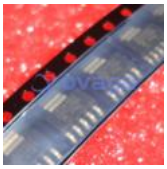
Microchip Technology, Inc

SOT-23-3

[MCP73830T-2AAI/MYY]

Microchip Technology, Inc

TDFN-6



MCP1826T-ADJE/DC

Microchip Technology, Inc

SOT-223-5

MCP1703T-5002E/CB

Microchip Technology, Inc

SOT-23A-3