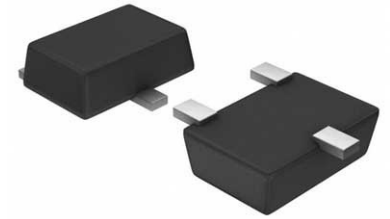


Processor Supervisor 2.93V 1 Active Low/Push-Pull 3-Pin SOT-23 T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOT23-3

Product Type: Power Management ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The TCM809 and TCM810 are cost-effective system supervisor circuits designed to monitor VDD in digital systems and provide a reset signal to the host processor when necessary. No external components are required. The reset output is driven active within 20 μ sec of VDD falling through the reset voltage threshold. Reset is maintained active for a minimum of 140msec after VDD rises above the reset threshold. The TCM810 has an active-high RESET output while the TCM809 has an active-low RESET output. The output of the TCM809 is guaranteed valid down to VDD = 1V. Both devices are available in a 3-Pin SOT-23B and 3-pin SC-70 package. The TCM809/810 are optimized to reject fast transient glitches on the VDD line. Low supply current of 17 μ A (VDD = 3.3V) makes these devices suitable for battery powered applications.

Key Features

VDD transient immunity

9 μ A Typical low supply current

Recommended For You

TC7660COA

Microchip Technology, Inc

SOP8

TC54VC3002ECB713

Microchip Technology, Inc

SOT-23

TC4428ACOA

Microchip Technology, Inc

SOP8

TC429CPA

Microchip Technology, Inc

DIP8

TC4420EPA

Microchip Technology, Inc

DIP8

TC1232CPA

Microchip Technology, Inc

DIP8

TC1232COA

Microchip Technology, Inc
SOP-8

TC4427AEPA

Microchip Technology, Inc
DIP8

TC4421CAT

Microchip Technology, Inc
TO220-5

TC4420CPA

Microchip Technology, Inc
DIP8

TC4422EPA

Microchip Technology, Inc
DIP8

TC1232EOA

Microchip Technology, Inc
SOP-8

TC1240AECHIR

Microchip Technology, Inc
SOT23-6

TC4421CPA

Microchip Technology, Inc
DIP8

TC4420COA

Microchip Technology, Inc
SOP-8