


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



Images are for reference only

[Inquiry](#)

Manufacturer:	<u>Microchip Technology, Inc</u>
Package/Case:	SOT-23
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active

General Description

The TC54 Series are CMOS voltage detectors, suited especially for battery-powered applications because of their extremely low 1uA operating current and small surface-mount packaging. Each part is laser trimmed to the desired threshold voltage which can be specified from 1.1V to 6.0V, for a 2% tolerance. The device includes a comparator, low-current high-precision reference, laser-trimmed divider, hysteresis circuit and output driver. The TC54 is available with either an open-drain or complementary output stage. In operation, the TC54's output (VOUT) remains in the logic HIGH state as long as VIN is greater than the specified threshold voltage (VDET-). When VIN falls below VDET- the output is driven to a logic LOW. VOUT remains LOW until VIN rises above VDET- by an amount VHYST, whereupon it resets to a logic HIGH.

**3L TO-92 package (ZB) is no longer available due to the End of Life (EOL) status.

Key Features

1μA Typical low current drain



Recommended For You

TC7660COA

Microchip Technology, Inc
SOP8

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

TC7660HEOA

Microchip Technology, Inc
SOP-8