

Supervisor w/5K Pull-Up Active Low, -40C to +85C, 3-SOT-23, T/R, Supervisory Circuits w/5K Pull-Up Low

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



Images are for reference only

Please submit RFQ for MCP130T-315I/TT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MCP130 is a voltage supervisory device designed to keep a microcontroller in reset until the system voltage has reached the proper level and stabilized. It also operates as protection from brown-out conditions when the supply voltage drops below a safe operating level. MCP130 features an open drain output with internal 5K ohm internal pull-up resistor. MCP130 has active low reset and is available in a choice of seven different trip voltages. It operates over the extended industrial temperature range (-40°C/+85°C). MCP130 is available in a TO-92, SOT23-3, and SN packages.

Features

Holds microcontroller in reset until supply voltage reaches stable operating level

Resets microcontroller during power loss

Precision monitoring of 3V, 3.3V and 5V systems

7 voltage trip points available

Active low RESET pin

Open drain output

Internal pull-up resistor (5k Ω) for MCP130

Holds RESET for 350ms (typical)

RESET to >

Accuracy of +(-)125mV for 5V systems and +(-)75mV for 3V systems over temp

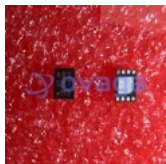
45uA typical operating current

Temperature range:

Industrial (I): -40C to +85C



Related Products



[MCP1725-3302E/MC](#)

Microchip Technology, Inc
DFN-8



[MCP1702T-2502E/CB](#)

Microchip Technology, Inc
SOT-23A-3



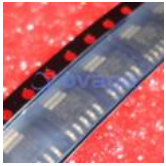
[MCP1702T-5002E/CB](#)

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[MCP1700T-3002E/TT](#)

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SOT-23-3



[MCP1826T-ADJE/DC](#)

Microchip Technology, Inc
SOT-223-5



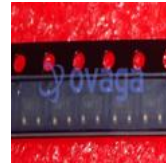
[MCP1700T-2502E/TT](#)

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[MCP73830T-2AAI/MYY](#)

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TDFN-6



[MCP1703T-5002E/CB](#)

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