

V-Ref Precision 2.5V 8mA 3-Pin SOT-23 T/R

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOT23-3

Product Type: Power Management ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

MCP1525T-I/TT Image

Images are for reference only

[Inquiry](#)

General Description

MCP1525 is a low power, high precision voltage reference. It provides a precise output voltage of 2.5V which is then compared to other voltages in the system. This voltage reference is normally used in the 3V to 5V systems, where there may be wide variations in supply voltage and a need to minimize power dissipation. This devices use a combination of an advanced CMOS circuit design and EEPROM trimming to provide and an initial tolerance of 1% (max) and temperature stability of 50ppm/C (max). This device is offered in SOT23-3 & TO-92 packages and is ideal for communications equipment, data acquisition systems, instrumentation and process control, high precision power supplies and battery powered equipment.

Key Features

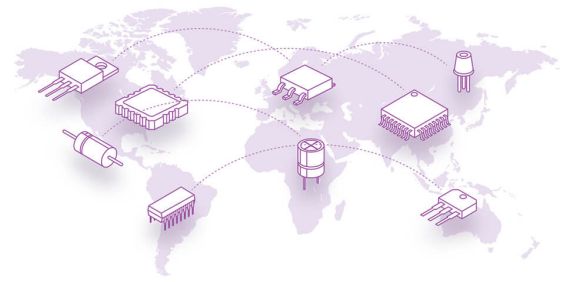
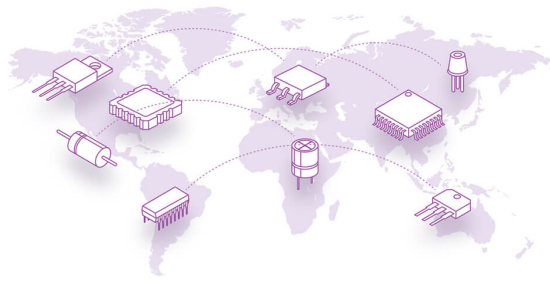
Low quiescent current of 100 μ A (maximum)

Output voltage of 2.5V

\pm 2mA output current drive

Maximum input current of 100 μ A at 25°C

Operating temperature range from -40°C to 85°C



Recommended For You

MCP1416T-E/OT

Microchip Technology, Inc

SOT23-5

MCP1825S-1802E/DB

Microchip Technology, Inc

SOT-223

MCP73831T-2ACI/OT

Microchip Technology, Inc

SOT23-5

MCP1253-ADJI/MS

Microchip Technology, Inc

MSOP8

MCP1700-3302E/TO

Microchip Technology, Inc

TO-92

MCP73832T-2ATI/OT

Microchip Technology, Inc

SOT23-5

MCP120-450DI/TO

Microchip Technology, Inc

TO-92

MCP1525-I/TO

Microchip Technology, Inc

TO92

MCP1541T-I/TT

Microchip Technology, Inc

SOT23-3

MCP73831T-2DCI/OT

Microchip Technology, Inc

SOT23-5

MCP16311T-E/MS

Microchip Technology, Inc

MSOP8

MCP16331T-E/CH

Microchip Technology, Inc

SOT23-6

MCP1754ST-5002E/CB

Microchip Technology, Inc

SOT-23

MCP1754ST-3302E/CB

Microchip Technology, Inc

SOT-23

MCP102T-315E/TT

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SOT23