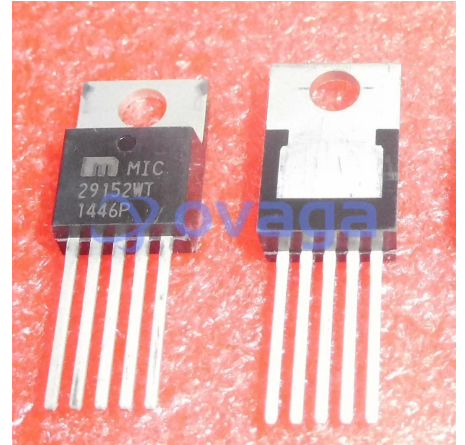


Linear Voltage Regulator IC; Output Current Max:1.5A; Package/Case:5-TO-220; Current Rating:1.5A; IC Generic Number:29152; Output Voltage Max:26V; Output Voltage Min:1.25V; Voltage Regulator Type:Low Dropout LDO



Images are for reference only

Manufacturers	Microchip Technology, Inc
Package/Case	TO-220-5
Product Type	Power Management ICs
RoHS	
Lifecycle	

Please submit RFQ for MIC29152WT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MIC29510 and MIC29512 are high-current, high-accuracy, low-dropout voltage regulators featuring fast transient recovery from input voltage surges and output load current changes. These regulators use a PNP pass element that features Micrel's™ proprietary Super beta PNP® process.

The MIC29510/2 is available in two versions: the three pin fixed output MIC29510 and the five pin adjustable output voltage MIC29512. All versions are fully protected against overcurrent faults, reversed input polarity, reversed lead insertion, overtemperature operation, and positive and negative transient voltage spikes.

A TTL compatible enable (EN) control pin supports external on/off control. If on/off control is not required, the device may be continuously enabled by connecting EN to IN.

The MIC29510/2 is available in the standard three and five pin TO-220 package with an operating junction temperature range of 0°C to +125°C.

For applications requiring even lower dropout voltage, input voltage greater than 16V, or an error flag, see the MIC29500/29501/29502/29503

Features

Fast transient response

5A current capability

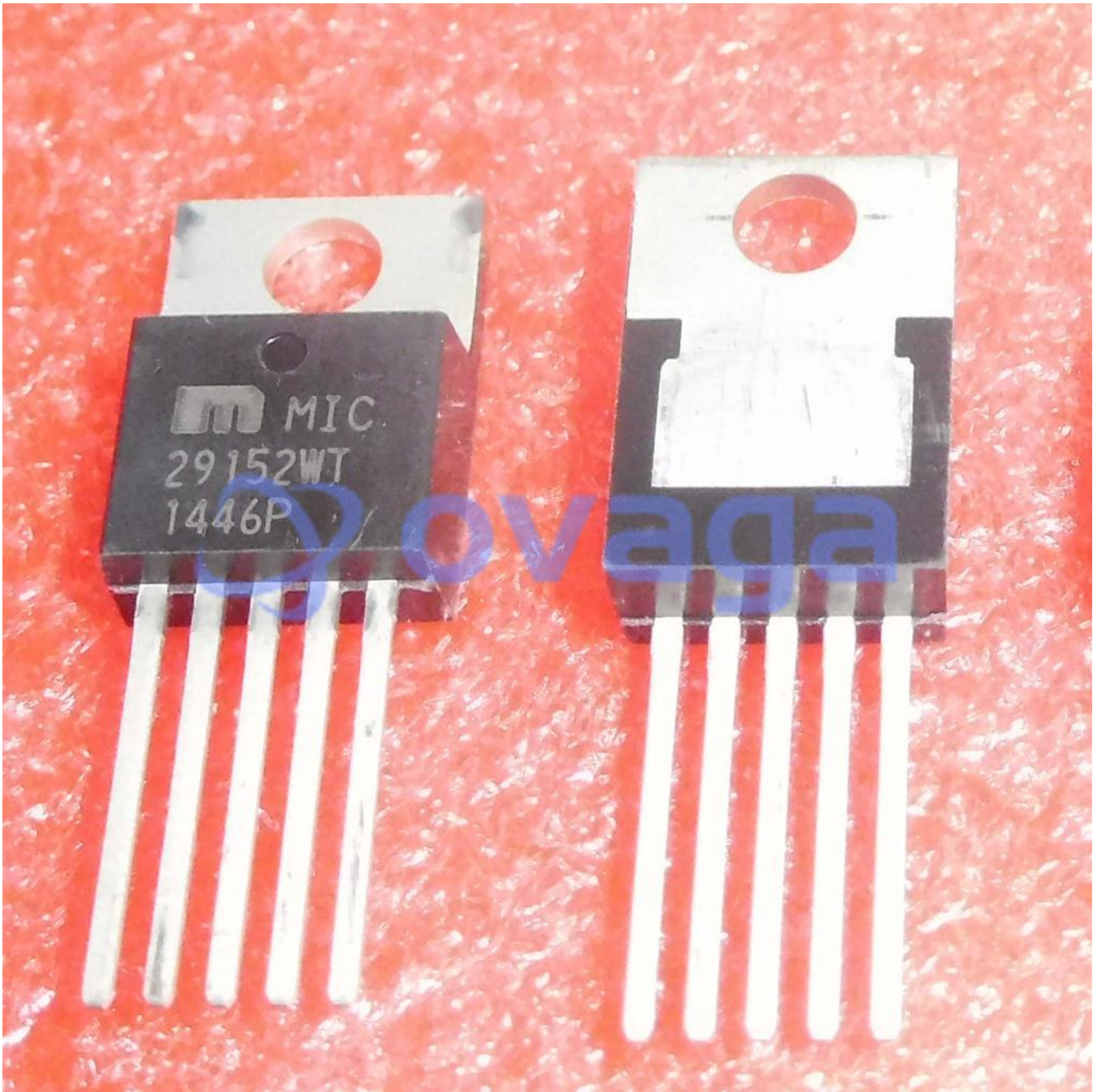
700mV dropout voltage at full load

Low ground current

Accurate 1% guaranteed tolerance

Zero current shutdown mode (MIC29512)

Fixed voltage and adjustable versions



Related Products



[MIC94325YMT-TR](#)

Microchip Technology, Inc
UDFN-6



[MIC4684YM](#)

Microchip Technology, Inc
SOIC-8



[MIC2009A-1YM6-TR](#)

Microchip Technology, Inc
SOT-23-6



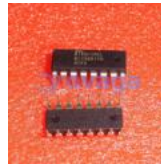
[MIC2090-1YM5-TR](#)

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[MIC5841YWM-TR](#)

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SOIC-18



[MIC5891YN](#)

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PDIP-16



[MIC5209YM](#)

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SOIC-8



[MIC2026-2YM](#)

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