

500mA LOW VOLTAGE, LOW IQ LDO, -40C to +125C, 3-SOT-223, TUBE, Low Dropout (LDO) Regulators 500 mA CMOS LDO Vout 3.0V ETR

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	SOT-223-3
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCP1825S-3002E/DB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The MCP1825S is a 500 mA, ceramic output cap stable, low output voltage, Low Dropout Regulator (LDO). It is part of the family of LDOs that includes 1A MCP1826S and 1.5A MCP1827S. MCP1825S comes in thermally enhanced DDPAK-3 and TO-220-3 packages as well as space-efficient SOT223-3 package.

## Features

Up to 500 mA output load current

Low dropout voltage 210 mV (typ)

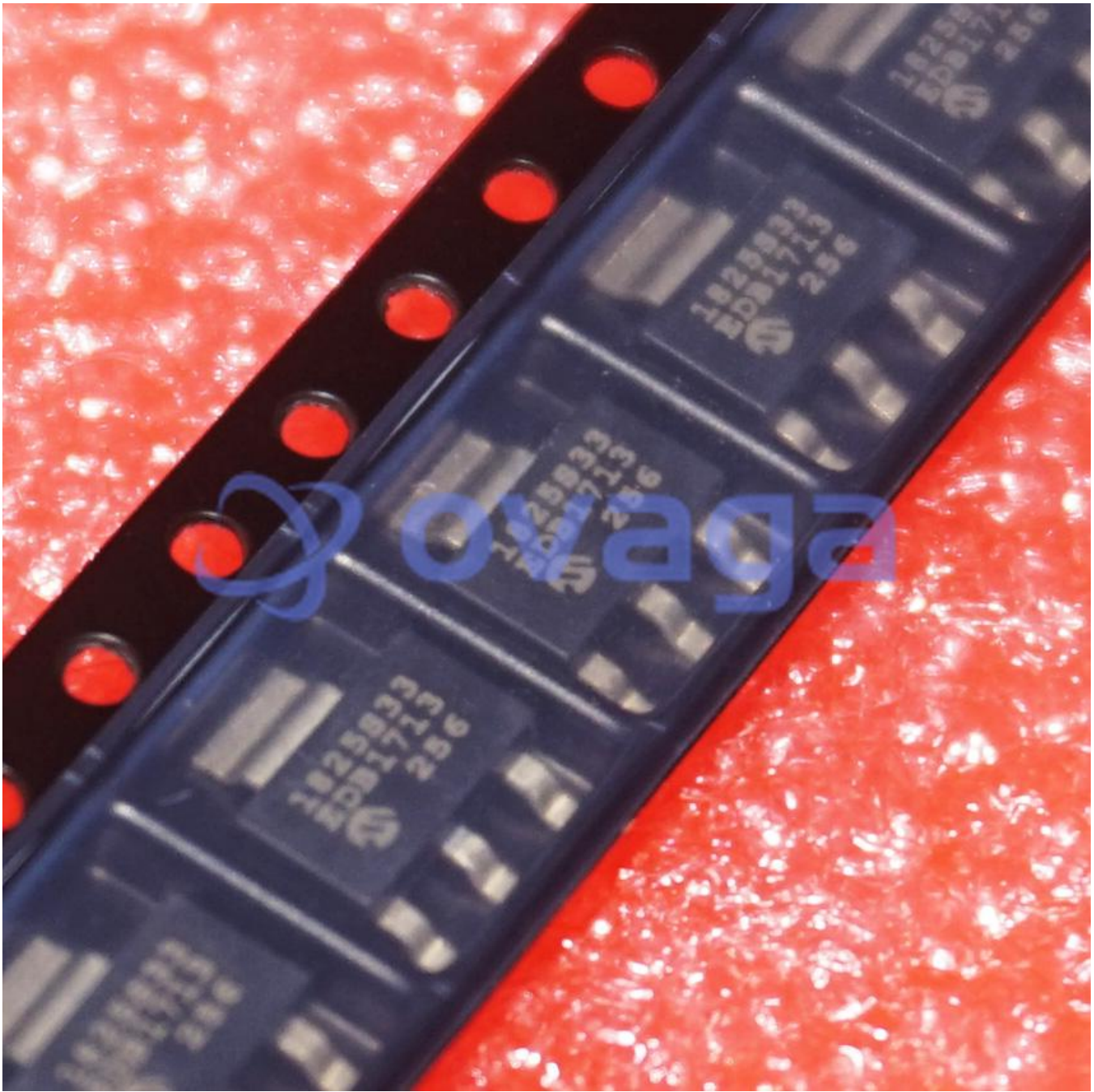
Output voltage from 0.8V to 5.0V

Stable with 1.0  $\mu$ F ceramic output cap

Power good output

Low supply current 120  $\mu$ A (typ)

DDPAK-5, TO-220-5, SOT223-5 Pb-free packages



## Related Products



### [MCP1725-3302E/MC](#)

Microchip Technology, Inc  
DFN-8



### [MCP1702T-2502E/CB](#)

Microchip Technology, Inc  
SOT-23A-3



### [MCP1702T-5002E/CB](#)

Microchip Technology, Inc  
SOT-23



### [MCP1700T-2502E/TT](#)

Microchip Technology, Inc  
SOT-23-3



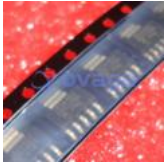
[MCP1700T-3002E/TT](#)

Microchip Technology, Inc  
SOT-23-3



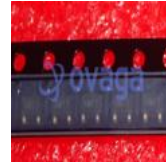
[MCP73830T-2AAI/MYY](#)

Microchip Technology, Inc  
TDFN-6



[MCP1826T-ADJE/DC](#)

Microchip Technology, Inc  
SOT-223-5



[MCP1703T-5002E/CB](#)

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SOT-23A-3