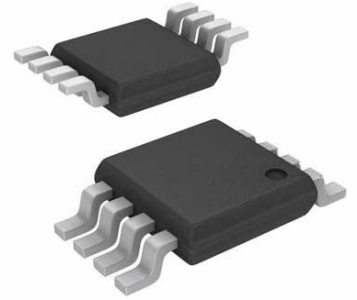


DC/DC Cntrlr Single-OUT Step Up 850kHz Automotive 8-Pin MSOP Tube



Images are for reference only

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: MSOP8

Product Type: Power Management ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

Key Features

Output Power Capability Over 5 Watts

560/440 Output Current (mA)

Output Voltage Capability From 3.3V to Over 100V

750 kHz Gated Oscillator Switching Frequency

Adaptable Duty Cycle for Battery or Wide-Input, Voltage-Range Applications

Input Voltage Range: 2.0V to 5.5V

Capable of SEPIC® and Flyback Topologies

Shutdown Control with $I_Q < 0.1 \mu\text{A}$ (Typical)

Low Operating Quiescent Current:>

Voltage Feedback Tolerance (0.6%, Typical)

Popular MSOP-8 Package

Peak Current Limit Feature

Two Undervoltage Lockout (UVLO) Options: 2.0V or 2.55V

Operating Temperature Range: -40°C to +125°C

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Recommended For You

MCP1416T-E/OT

Microchip Technology, Inc
SOT23-5

MCP1825S-1802E/DB

Microchip Technology, Inc
SOT-223

MCP1525T-I/TT

Microchip Technology, Inc
SOT23-3

MCP73831T-2ACI/OT

Microchip Technology, Inc
SOT23-5

MCP1253-ADJI/MS

Microchip Technology, Inc
MSOP8

MCP1700-3302E/TO

Microchip Technology, Inc
TO-92

MCP73832T-2AII/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

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SOT-23