





Micrel / Microchip Technology


## MCP1632T-AAE/MS

Part Number:	MCP1632T-AAE/MS
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC REG CTRLR MULT TOPOLOGY 8MSOP
Datasheets:	 <a href="#">MCP1632T-AAE/MS.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	124946 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.


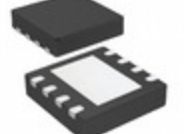



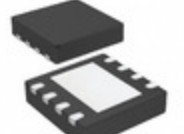
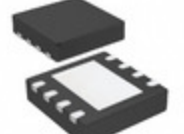



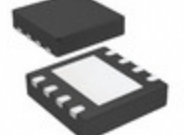

### Specifications of MCP1632T-AAE/MS

PART NUMBER	MCP1632T-AAE/MS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG CTRLR MULT TOPOLOGY 8MSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	124946 pcs
DATA SHEET	 <a href="#">MCP1632T-AAE/MS.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.5 V
TOPOLOGY	Boost, Cuk, Flyback, SEPIC
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	8-MSOP
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Up, Step-Up/Step-Down
FREQUENCY - SWITCHING	300kHz
DUTY CYCLE (MAX)	85%
DETAILED DESCRIPTION	Boost, Cuk, Flyback, SEPIC Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-MSOP
CONTROL FEATURES	Enable
CLOCK SYNC	No
BASE PART NUMBER	MCP1632

### Related Tags

Micrel / Microchip Technology MCP1632T-AAE/MS	MCP1632T-AAE/MS Distributor	MCP1632T-AAE/MS Supplier
MCP1632T-AAE/MS Price	MCP1632T-AAE/MS Pictures	MCP1632T-AAE/MS Image
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### Related Products

 <p><b>MCP16331T-E/CH</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BUCK ADJ 0.5A SOT23-6 In stock: 85269 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1632T-AAE/MC</b> Manufacturers: Micrel / Microchip Technology Description: IC REG CTRLR MULT TOPOLOGY 8DFN In stock: 113237 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP16331T-E/CHVAO</b> Manufacturers: Micrel / Microchip Technology Description: ASYNCHRONOUS SWITCHING BUCK REG In stock: 5042 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1632T-BAE/MS</b> Manufacturers: Micrel / Microchip Technology Description: IC REG CTRLR MULT TOPOLOGY 8MSOP In stock: 126860 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP16323T-500E/NG</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BUCK 5V 3A SYNC 16-VQFN In stock: 6407 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1632T-BAE/MC</b> Manufacturers: Micrel / Microchip Technology Description: IC REG CTRLR MULT TOPOLOGY 8DFN In stock: 124815 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1640-I/MC</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: 170654 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP16323T-180E/NG</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BUCK 1.8V 3A SYNC 16-VQFN In stock: 36437 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP16323T-ADJE/NG</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BUCK ADJ 3A SYNC 16-VQFN In stock: 5952 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP16323T-250E/NG</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BUCK 2.5V 3A SYNC 16-VQFN In stock: 38225 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1640B-I/MC</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: 158295 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP16323T-330E/NG</b> Manufacturers: Micrel / Microchip Technology Description: IC REG BUCK 3.3V 3A SYNC 16-VQFN In stock: 3375 pcs</p> <p><a href="#">RFQ</a></p>