

MCP1642BT-30I/MS



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Part Number: [MCP1642BT-30I/MS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG BOOST SYNC 3V 1.8A

Data sheet:  [MCP1642B,D Datasheet](#)

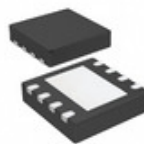
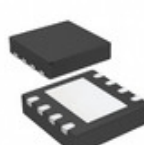
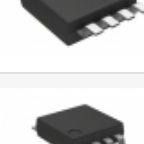
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCP1642BT-30I/MS	Manufacturer	Micrel / Microchip Technology
Description	IC REG BOOST SYNC 3V 1.8A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	81083 pcs	Data sheet	MCP1642B,D Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	3V
Voltage - Output (Max)	-	Voltage - Input (Min)	0.65V
Voltage - Input (Max)	5.5V	Topology	Boost
Synchronous Rectifier	Yes	Supplier Device Package	8-MSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Output Type	Fixed
Output Configuration	Positive	Other Names	MCP1642BT-30I/MS-ND MCP1642BT-30I/MSTR
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up
Frequency - Switching	1MHz	Detailed Description	Boost Switching Regulator IC Positive Fixed 3V 1 Output 800mA 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Current - Output	800mA	Base Part Number	MCP1642
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