

MCP1642D-30I/MS





Part Number: MCP1642D-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

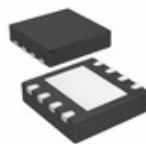
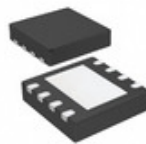
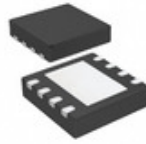
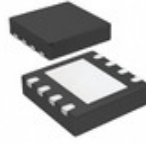
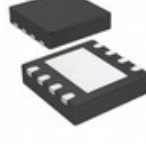
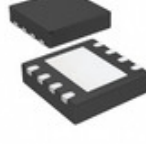
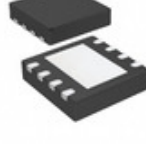
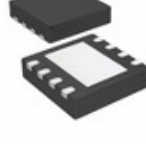
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PRODUCT PARAMETER		
Part Number	MCP1642D-30I/MS	Manufacturer Micrel / Microchip Technology
Description	IC REG BOOST SYNC 3V 1.8A	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	74587 pcs	Data sheet MCP1642B,D Datasheet
Category	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 Tube
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Output Type Fixed
Output Configuration	Positive	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 StatusLead 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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	Part#: MCP1642D-18I/MS Description: IC REG BOOST SYNC 1.8V 1.8A	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: MCP1642D-50I/MC Description: IC REG BOOST SYNC 5V 1.8A	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: MCP1642BT-33I/MS Description: IC REG BOOST SYNC 3.3V 1.8A	Manufacturers: Micrel / Microchip Technology RFQ
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