

MCP1603-180I/MC





Part Number: MCP1603-180I/MC

Manufacturer: Micrel / Microchip Technology

Description: IC REG BUCK 1.8V 0.5A SYNC 8DFN

Data sheet:  Development Tools Catalog

 MCP1603

RoHs Status: Lead free / RoHS Compliant

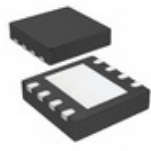
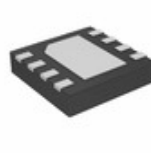
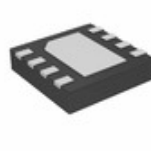
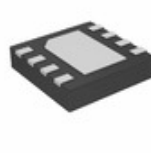
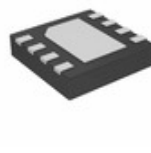
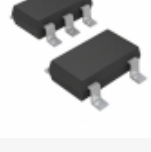
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PRODUCT PARAMETER			
Part Number	MCP1603-180I/MC	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK 1.8V 0.5A SYNC 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	65116 pcs	Data sheet	Development Tools Catalog MCP1603
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.8V
Voltage - Output (Max)	-	Voltage - Input (Min)	2.7V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-DFN (3x2)
Series	-	Packaging	Tube
Package / Case	8-VDFDN Exposed Pad	Output Type	Fixed
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C (TJ)
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-Down	Frequency - Switching	2MHz
Detailed Description	Buck Switching Regulator IC Positive Fixed 1.8V 1 Output 500mA 8-VDFDN Exposed Pad	Current - Output	500mA
Base Part Number	MCP1603		
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RELATED PRODUCTS			
	Part#: MCP1603-330I/MC Description: IC REG BUCK 3.3V 0.5A SYNC 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1602T-250I/MF Description: IC REG BUCK 2.5V 0.5A SYNC 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1603LT-180I/OS Description: IC REG BCK 1.8V 0.5A SYNC TSOT23	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1603-150I/MC Description: IC REG BUCK 1.5V 0.5A SYNC 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1602T-180I/MS Description: IC REG BUCK 1.8V 0.5A SYNC 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1602T-250I/MS Description: IC REG BUCK 2.5V 0.5A SYNC 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ

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