

 **MICROCHIP**

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1642B-50I/MC

Part Number:	MCP1642B-50I/MC
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG BOOST SYNC 5V 1.8A
Datasheets:	 MCP1642B-50I/MC.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

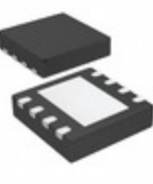
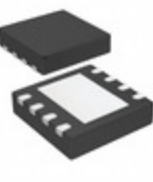
Specifications of MCP1642B-50I/MC

PART NUMBER	MCP1642B-50I/MC
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG BOOST SYNC 5V 1.8A
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MCP1642B-50I/MC.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	5V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MIN)	0.65V
VOLTAGE - INPUT (MAX)	5.5V
TOPOLOGY	Boost
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	8-DFN (2x3)
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	8-VDFDN Exposed Pad
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)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Up
FREQUENCY - SWITCHING	1MHz
DETAILED DESCRIPTION	Boost Switching Regulator IC Positive Fixed 5V 1 Output 800mA 8-VDFDN Exposed Pad
CURRENT - OUTPUT	800mA
BASE PART NUMBER	MCP1642

Related Tags

Micrel / Microchip Technology MCP1642B-50I/MC	MCP1642B-50I/MC Distributor	MCP1642B-50I/MC Supplier
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Related Products

 MCP1642B-18I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: Out stock RFQ	 MCP1642BT-18I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: Out stock RFQ
 MCP1642B-30I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3V 1.8A In stock: 596 pcs RFQ	 MCP1642B-ADJI/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.8A SYNC 8MSOP In stock: 752 pcs RFQ
 MCP1642B-30I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3V 1.8A In stock: 496 pcs RFQ	 MCP1642BT-18I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: Out stock RFQ
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