




Micrel / Microchip Technology

MCP1640B-I/MC

Part Number:	MCP1640B-I/MC
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC REG BOOST ADJ 0.35A SYNC 8DFN
Datasheets:	1.MCP1640B-I/MC.pdf 2.MCP1640B-I/MC.pdf 3.MCP1640B-I/MC.pdf 4.MCP1640B-I/MC.pdf
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	158295 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.



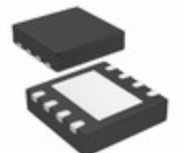
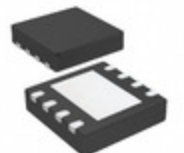





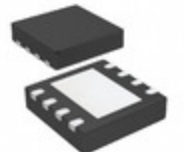


Specifications of MCP1640B-I/MC

PART NUMBER	MCP1640B-I/MC
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG BOOST ADJ 0.35A SYNC 8DFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	158295 pcs
DATA SHEET	1.MCP1640B-I/MC.pdf 2.MCP1640B-I/MC.pdf 3.MCP1640B-I/MC.pdf 4.MCP1640B-I/MC.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	2V
VOLTAGE - OUTPUT (MAX)	5.5V
VOLTAGE - INPUT (MIN)	0.8V
VOLTAGE - INPUT (MAX)	5.5V
TOPOLOGY	Boost
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	8-DFN (3x2)
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	8-VDFN Exposed Pad
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MCP1640BIMC
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-Up
FREQUENCY - SWITCHING	500kHz
DETAILED DESCRIPTION	Boost Switching Regulator IC Positive Adjustable 2V 1 Output 350mA 8-VDFN Exposed Pad
CURRENT - OUTPUT	350mA
BASE PART NUMBER	MCP1640B

Related Tags

Micrel / Microchip Technology MCP1640B-I/MC	MCP1640B-I/MC Distributor	MCP1640B-I/MC Supplier
MCP1640B-I/MC Price	MCP1640B-I/MC Pictures	MCP1640B-I/MC Image
MCP1640B-I/MC PDF Datasheet	MCP1640B-I/MC Download Datasheet	MCP1640B-I/MC Datasheet
MCP1640B-I/MC Stock	Buy MCP1640B-I/MC	Buy Micrel / Microchip Technology MCP1640B-I/MC
Micrel / Microchip Technology MCP1640B-I/MC	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology MCP1640B-I/MC	Microchip Technology MCP1640B-I/MC	Roving Networks / Microchip Technology MCP1640B-I/MC

Related Products

 <p>MCP16331T-E/CH Manufacturers: Micrel / Microchip Technology Description: IC REG BUCK ADJ 0.5A SOT23-6 In stock: 85269 pcs</p> <p>RFQ</p>	 <p>MCP1640BT-I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: 231066 pcs</p> <p>RFQ</p>
 <p>MCP1640D-I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: 140411 pcs</p> <p>RFQ</p>	 <p>MCP1640-I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: 170654 pcs</p> <p>RFQ</p>
 <p>MCP1632T-BAE/MS Manufacturers: Micrel / Microchip Technology Description: IC REG CTRLR MULT TOPOLOGY 8MSOP In stock: 126860 pcs</p> <p>RFQ</p>	 <p>MCP16331T-E/CHVAO Manufacturers: Micrel / Microchip Technology Description: ASYNCHRONOUS SWITCHING BUCK REG In stock: 5042 pcs</p> <p>RFQ</p>
 <p>MCP1632T-AAE/MS Manufacturers: Micrel / Microchip Technology Description: IC REG CTRLR MULT TOPOLOGY 8MSOP In stock: 124946 pcs</p> <p>RFQ</p>	 <p>MCP1632T-BAE/MC Manufacturers: Micrel / Microchip Technology Description: IC REG CTRLR MULT TOPOLOGY 8DFN In stock: 124815 pcs</p> <p>RFQ</p>
 <p>MCP1640CT-I/CHY Manufacturers: Micrel / Microchip Technology Description: IC REG BST ADJ 0.35A SYNC SOT23 In stock: 241061 pcs</p> <p>RFQ</p>	 <p>MCP1640C-I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: 139962 pcs</p> <p>RFQ</p>
 <p>MCP1640BT-I/CHY Manufacturers: Micrel / Microchip Technology Description: IC REG BST ADJ 0.35A SYNC SOT23 In stock: 167459 pcs</p> <p>RFQ</p>	 <p>MCP1640CT-I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: 196735 pcs</p> <p>RFQ</p>