

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
Stock Condition	83724 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

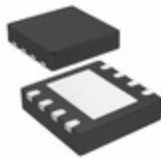
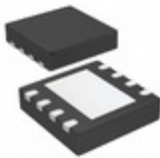
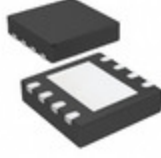
Specifications of MCP1642B-50I/MC

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
QUANTITY AVAILABLE	83724 pcs
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)
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
MCP1642B-50I/MC Price	MCP1642B-50I/MC Pictures	MCP1642B-50I/MC Image
MCP1642B-50I/MC PDF Datasheet	MCP1642B-50I/MC Download Datasheet	MCP1642B-50I/MC Datasheet
MCP1642B-50I/MC Stock	Buy MCP1642B-50I/MC	Buy Micrel / Microchip Technology MCP1642B-50I/MC
Micrel / Microchip Technology MCP1642B-50I/MC	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology MCP1642B-50I/MC	Microchip Technology MCP1642B-50I/MC	Roving Networks / Microchip Technology MCP1642B-50I/MC

Related Products

 MCP1642B-ADJI/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC ADJ 1.8A In stock: 99847 pcs RFQ	 MCP1642BT-30I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3V 1.8A In stock: 111445 pcs RFQ
 MCP1642B-18I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: 116414 pcs RFQ	 MCP1642B-30I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3V 1.8A In stock: 93486 pcs RFQ
 MCP1642BT-18I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: 134053 pcs RFQ	 MCP1642B-33I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3.3V 1.8A In stock: 88620 pcs RFQ
 MCP1642B-18I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: 118372 pcs RFQ	 MCP1642B-30I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3V 1.8A In stock: 85398 pcs RFQ
 MCP1642B-33I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3.3V 1.8A In stock: 81033 pcs RFQ	 MCP1642B-50I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 5V 1.8A In stock: 107886 pcs RFQ
 MCP1642B-ADJI/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.8A SYNC 8MSOP In stock: 91072 pcs RFQ	 MCP1642BT-18I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: 114970 pcs RFQ