



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1640DT-I/MC

Part Number:	MCP1640DT-I/MC
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG BOOST ADJ 0.35A SYNC 8DFN
	PDF 1.MCP1640DT-I/MC.pdf
	PDF 2.MCP1640DT-I/MC.pdf
	PDF 3.MCP1640DT-I/MC.pdf
	PDF 4.MCP1640DT-I/MC.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

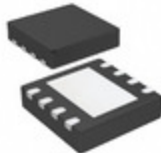
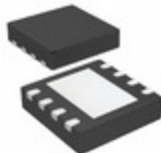
Specifications of MCP1640DT-I/MC

PART NUMBER	MCP1640DT-I/MC
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG BOOST ADJ 0.35A SYNC 8DFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MCP1640DT-I/MC.pdf
	PDF 2.MCP1640DT-I/MC.pdf
	PDF 3.MCP1640DT-I/MC.pdf
	PDF 4.MCP1640DT-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	Tape & Reel (TR)
PACKAGE / CASE	8-VDFDN Exposed Pad
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
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-VDFDN Exposed Pad
CURRENT - OUTPUT	350mA
BASE PART NUMBER	MCP1640D

Related Tags

Micrel / Microchip Technology MCP1640DT-I/MC	MCP1640DT-I/MC Distributor	MCP1640DT-I/MC Supplier
MCP1640DT-I/MC Price	MCP1640DT-I/MC Pictures	MCP1640DT-I/MC Image
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Micrel / Microchip Technology MCP1640DT-I/MC	Microchip Technology MCP1640DT-I/MC	Roving Networks / Microchip Technology MCP1640DT-I/MC

Related Products

 MCP1640T-I/CHY Manufacturers: Micrel / Microchip Technology Description: IC REG BST ADJ 0.35A SYNC SOT23 In stock: Out stock RFQ	 MCP1640BT-I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: Out stock RFQ
 MCP1640CT-I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: Out stock RFQ	 MCP1642B-18I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: Out stock RFQ
 MCP1640RD-4ABC Manufacturers: Micrel / Microchip Technology Description: BOARD REF DES AAAA BAT BOOST In stock: 3 pcs RFQ	 MCP1640DT-I/CHY Manufacturers: Micrel / Microchip Technology Description: IC REG BST ADJ 0.35A SYNC SOT23 In stock: Out stock RFQ
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 MCP1640C-I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST ADJ 0.35A SYNC 8DFN In stock: 134 pcs RFQ	 MCP1642B-18I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: Out stock RFQ