



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1642DT-50I/MC

Part Number:	MCP1642DT-50I/MC
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG BOOST SYNC 5V 1.8A
Datasheets:	 MCP1642DT-50I/MC.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	141082 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

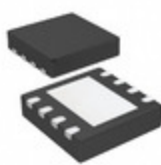
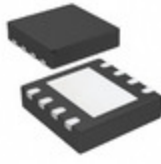
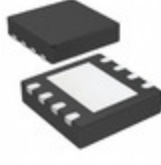
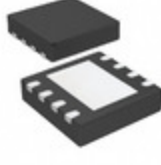
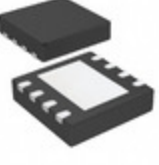
Specifications of MCP1642DT-50I/MC

PART NUMBER	MCP1642DT-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	141082 pcs
DATA SHEET	 MCP1642DT-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	Tape & Reel (TR)
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 MCP1642DT-50I/MC	MCP1642DT-50I/MC Distributor	MCP1642DT-50I/MC Supplier
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Related Products

 MCP1642DT-30I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3V 1.8A In stock: 134850 pcs RFQ	 MCP1642DT-33I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3.3V 1.8A In stock: 107560 pcs RFQ
 MCP1642DT-ADJI/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC ADJ 1.8A In stock: 131177 pcs RFQ	 MCP1642DT-50I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 5V 1.8A In stock: 126347 pcs RFQ
 MCP1642DT-30I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3V 1.8A In stock: 143182 pcs RFQ	 MCP1643-I/MS Manufacturers: Micrel / Microchip Technology Description: IC LED DRIVER RGLTR DIM 8MSOP In stock: 97957 pcs RFQ
 MCP1643-I/MC Manufacturers: Micrel / Microchip Technology Description: IC LED DRVR RGLTR DIM 550MA 8DFN In stock: 108424 pcs RFQ	 MCP1642DT-ADJI/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC ADJ 1.8A In stock: 118437 pcs RFQ
 MCP1642DT-33I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3.3V 1.8A In stock: 107097 pcs RFQ	 MCP1642DT-18I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: 127666 pcs RFQ
 MCP1642DT-18I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: 135509 pcs RFQ	 MCP1643-I/MSVAO Manufacturers: Micrel / Microchip Technology Description: SYNCHRONOUS BOOST CONVERTER In stock: 5823 pcs RFQ