

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1642DT-ADJI/MC

Part Number:	MCP1642DT-ADJI/MC
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG BOOST SYNC ADJ 1.8A
Datasheets:	 MCP1642DT-ADJI/MC.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	131177 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

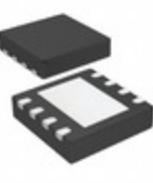
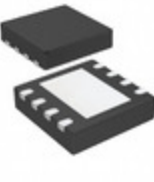
Specifications of MCP1642DT-ADJI/MC

PART NUMBER	MCP1642DT-ADJI/MC
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG BOOST SYNC ADJ 1.8A
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	131177 pcs
DATA SHEET	 MCP1642DT-ADJI/MC.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	1.8V
VOLTAGE - OUTPUT (MAX)	5.5V
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	Adjustable
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MCP1642DT-ADJI/MC-ND MCP1642DT-ADJI/MCTR
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 Adjustable 1.8V 1 Output 800mA 8-VDFDN Exposed Pad
CURRENT - OUTPUT	800mA
BASE PART NUMBER	MCP1642

Related Tags

Micrel / Microchip Technology MCP1642DT-ADJI/MC	MCP1642DT-ADJI/MC Distributor	MCP1642DT-ADJI/MC Supplier
MCP1642DT-ADJI/MC Price	MCP1642DT-ADJI/MC Pictures	MCP1642DT-ADJI/MC Image
MCP1642DT-ADJI/MC PDF Datasheet	MCP1642DT-ADJI/MC Download Datasheet	MCP1642DT-ADJI/MC Datasheet
MCP1642DT-ADJI/MC Stock	Buy MCP1642DT-ADJI/MC	Buy Micrel / Microchip Technology MCP1642DT-ADJI/MC
Micrel / Microchip Technology MCP1642DT-ADJI/MC	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology MCP1642DT-ADJI/MC	Microchip Technology MCP1642DT-ADJI/MC	Roving Networks / Microchip Technology MCP1642DT-ADJI/MC

Related Products

 MCP1642DT-30I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3V 1.8A In stock: 143182 pcs RFQ	 MCP1642DT-30I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3V 1.8A In stock: 134850 pcs RFQ
 MCP1642DT-50I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 5V 1.8A In stock: 141082 pcs RFQ	 MCP1642DT-ADJI/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC ADJ 1.8A In stock: 118437 pcs RFQ
 MCP1642DT-33I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3.3V 1.8A In stock: 107560 pcs RFQ	 MCP1643T-I/MS Manufacturers: Micrel / Microchip Technology Description: IC LED DRIVER RGLTR DIM 8MSOP In stock: 124295 pcs RFQ
 MCP1643-I/MS Manufacturers: Micrel / Microchip Technology Description: IC LED DRIVER RGLTR DIM 8MSOP In stock: 97957 pcs RFQ	 MCP1642DT-50I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 5V 1.8A In stock: 126347 pcs RFQ
 MCP1643-I/MC Manufacturers: Micrel / Microchip Technology Description: IC LED DRVR RGLTR DIM 550MA 8DFN In stock: 108424 pcs RFQ	 MCP1643-I/MSVAO Manufacturers: Micrel / Microchip Technology Description: SYNCHRONOUS BOOST CONVERTER In stock: 5823 pcs RFQ
 MCP1642DT-33I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3.3V 1.8A In stock: 107097 pcs RFQ	 MCP1643T-I/MC Manufacturers: Micrel / Microchip Technology Description: IC LED DRVR RGLTR DIM 550MA 8DFN In stock: 106492 pcs RFQ