



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1642DT-18I/MS

Part Number:	MCP1642DT-18I/MS
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG BOOST SYNC 1.8V 1.8A
Datasheets:	 MCP1642DT-18I/MS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	135509 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

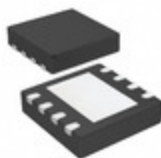
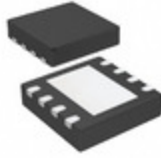
Specifications of MCP1642DT-18I/MS

PART NUMBER	MCP1642DT-18I/MS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG BOOST SYNC 1.8V 1.8A
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	135509 pcs
DATA SHEET	 MCP1642DT-18I/MS.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	1.8V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MIN)	0.65V
VOLTAGE - INPUT (MAX)	5.5V
TOPOLOGY	Boost
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	8-MSOP
SERIES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
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 1.8V 1 Output 800mA 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
CURRENT - OUTPUT	800mA
BASE PART NUMBER	MCP1642

Related Tags

Micrel / Microchip Technology MCP1642DT-18I/MS	MCP1642DT-18I/MS Distributor	MCP1642DT-18I/MS Supplier
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Related Products

 MCP1642DT-18I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 1.8V 1.8A In stock: 127666 pcs RFQ	 MCP1642D-50I/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 5V 1.8A In stock: 107964 pcs RFQ
 MCP1642D-ADJI/MC Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC ADJ 1.8A In stock: 82831 pcs RFQ	 MCP1642D-ADJI/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC ADJ 1.8A In stock: 108569 pcs RFQ
 MCP1642D-50I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 5V 1.8A In stock: 97945 pcs RFQ	 MCP1642D-33I/MS Manufacturers: Micrel / Microchip Technology Description: IC REG BOOST SYNC 3.3V 1.8A In stock: 99201 pcs RFQ
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