

MCP1642DT-ADJI/MC





Part Number:

MCP1642DT-ADJI/MC

Manufacturer:

Micrel / Microchip Technology

Description:

IC REG BOOST SYNC ADJ 1.8A

Data sheet:

 [MCP1642B,D Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

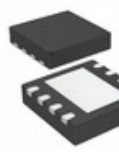
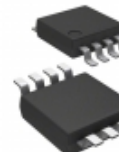
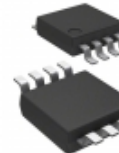
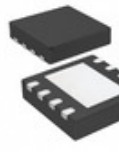
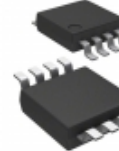
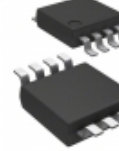
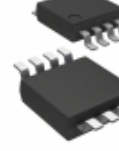
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
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	80699 pcs	Data sheet	MCP1642B,D Datasheet
Category	Integrated Circuits (ICs)	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-VFDFN 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)
Manufacturer Standard Lead Time	12 Weeks	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-VFDFN Exposed Pad	Current - Output	800mA
Base Part Number	MCP1642		
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	Part#: MCP1642DT-30I/MC Description: IC REG BOOST SYNC 3V 1.8A	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1642D-ADJI/MS Description: IC REG BOOST SYNC ADJ 1.8A	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1643T-I/MS Description: IC LED DRIVER RGLTR DIM 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1643T-I/MC Description: IC LED DRVR RGLTR DIM 550MA 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1643-I/MS Description: IC LED DRIVER RGLTR DIM 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1642DT-ADJI/MS Description: IC REG BOOST SYNC ADJ 1.8A	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1642DT-18I/MS Description: IC REG BOOST SYNC 1.8V 1.8A	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1642DT-50I/MS Description: IC REG BOOST SYNC 5V 1.8A	Manufacturers: Micrel / Microchip Technology	RFQ

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