








	<b>MCP1642D-50I/MC</b>
	<b>Manufacturer Part Number:</b> MCP1642D-50I/MC
	<b>Manufacturer/Brand:</b> Micrel / Microchip Technology
	<b>Part of Description:</b> IC REG BOOST SYNC 5V 1.8A
<b>Datasheets:</b>	 <a href="#">MCP1642D-50I/MC.pdf</a>
<b>RoHS Status:</b>	 Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

### Specifications

Part Number	MCP1642D-50I/MC
Manufacturer	Micrel / Microchip Technology
Description	IC REG BOOST SYNC 5V 1.8A
Category	Integrated Circuits (ICs) > PMIC - Voltage Regulators -
Part Status	Require For Quote & Check Stock
Series	-
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Voltage - Input (Max)	5.5V
Output Type	Fixed
Package / Case	8-VDFDN Exposed Pad
Supplier Device Package	8-DFN (2x3)
Function	Step-Up
Current - Output	800mA
Frequency - Switching	1MHz
Number of Outputs	1
Output Configuration	Positive
Topology	Boost
Voltage - Output (Min/Fixed)	5V
Voltage - Output (Max)	-
Synchronous Rectifier	Yes
Voltage - Input (Min)	0.65V
Packaging	Tube



























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 <b>MCP1642D-ADJI/MC</b> Micrel / Microchip Technology IC REG BOOST SYNC ADJ 1.8A	 <b>MCP1642D-30I/MC</b> Micrel / Microchip Technology IC REG BOOST SYNC 3V 1.8A	 <b>MCP1642DT-18I/MS</b> Micrel / Microchip Technology IC REG BOOST SYNC 1.8V 1.8A	 <b>MCP1642D-50I/MS</b> Micrel / Microchip Technology IC REG BOOST SYNC 5V 1.8A

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 TIL111TVM	 TLE6214L	 TMK212B7683MD-T	 UC3854BDW	 UCC2580DTR-1

Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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