

	<p><b>MCP1642BT-50I/MS</b></p>
	<p><b>Manufacturer Part Number:</b> <a href="#">MCP1642BT-50I/MS</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Micrel / Microchip Technology</a></p> <p><b>Part of Description:</b> IC REG BOOST SYNC 5V 1.8A</p> <p><b>Datasheets:</b>  <a href="#">MCP1642BT-50I/MS.pdf</a></p> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	<a href="#">MCP1642BT-50I/MS</a>
Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	IC REG BOOST SYNC 5V 1.8A
Category	<a href="#">Integrated Circuits (ICs) &gt; PMIC - Voltage Regulators -</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Series	-
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Voltage - Input (Max)	5.5V
Output Type	Fixed
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package	8-MSOP
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	Tape & Reel (TR)


















































MCP1642BT-50I/MS is New Original in Stock, Search MCP1642BT-50I/MS Datasheets, PDF, Inventory at Y-IC.com Online, Order MCP1642BT-50I/MS Micrel / Microchip Technology with warrantied and confidence. RFQ MCP1642BT-50I/MS : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested

<p><b>In:</b></p>  <p><b>MCP1642BT-ADJI/MS</b> Micrel / Microchip Technology IC REG BOOST SYNC ADJ 1.8A</p>	 <p><b>MCP1642BT-50I/MC</b> Micrel / Microchip Technology IC REG BOOST SYNC 5V 1.8A</p>	 <p><b>MCP1642BT-30I/MS</b> Micrel / Microchip Technology IC REG BOOST SYNC 3V 1.8A</p>	 <p><b>MCP1642D-18I/MC</b> Micrel / Microchip Technology IC REG BOOST SYNC 1.8V 1.8A</p>
 <p><b>MCP1642BT-ADJI/MC</b> Micrel / Microchip Technology IC REG BOOST SYNC ADJ 1.8A</p>	 <p><b>MCP1642BT-30I/MC</b> Micrel / Microchip Technology IC REG BOOST SYNC 3V 1.8A</p>	 <p><b>MCP1642BT-33I/MS</b> Micrel / Microchip Technology IC REG BOOST SYNC 3.3V 1.8A</p>	 <p><b>MCP1642D-18I/MS</b> Micrel / Microchip Technology IC REG BOOST SYNC 1.8V 1.8A</p>

### Hot Parts

More

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.

Copyright © 2019 YIC International Co., Limited