

MCP1642B-18I/MC Information


For Reference Only

Part Number MCP1642B-18I/MC
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
 PMIC - Voltage Regulators - DC DC Switching Regulators
Description IC REG BOOST SYNC 1.8V 1.8A
Package 8-VDFN Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


MCP1642B-18I/MC Specifications

Manufacturer Part Number	MCP1642B-18I/MC
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators
Package	8-VDFN Exposed Pad
Series	-
Function	Step-Up
Output Configuration	Positive
Topology	Boost
Output Type	Fixed
Number of Outputs	1
Voltage - Input (Min)	0.65V
Voltage - Input (Max)	5.5V
Voltage - Output (Min/Fixed)	1.8V
Voltage - Output (Max)	-
Current - Output	800mA
Frequency - Switching	1MHz
Synchronous Rectifier	Yes
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	8-VDFN Exposed Pad
Supplier Device Package	8-DFN (2x3)

[Report errors?](#)

MCP1642B-18I/MC Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MCP1642B-18I/MC Payment Methods



MCP1642B-18I/MC Shipping Methods



If you have any question about MCP1642B-18I/MC, please do not hesitate to contact us!

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