

MCP1643-I/MC Information


For Reference Only

Part Number [MCP1643-I/MC](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
 [PMIC - LED Drivers](#)
Description IC LED DRVR RGLTR DIM 550MA 8DFN
Package 8-VFDFN 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.


MCP1643-I/MC Specifications

Manufacturer Part Number	MCP1643-I/MC
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) PMIC - LED Drivers
Package	8-VFDFN Exposed Pad
Series	-
Type	DC DC Regulator
Topology	Step-Up (Boost)
Internal Switch(s)	Yes
Number of Outputs	1
Voltage - Supply (Min)	0.5V
Voltage - Supply (Max)	5V
Voltage - Output	5V
Current - Output / Channel	550mA
Frequency	1MHz
Dimming	PWM
Applications	Backlight
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	8-VFDFN Exposed Pad
Supplier Device Package	8-DFN (2x3)

[Report errors?](#)

MCP1643-I/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.

MCP1643-I/MC Payment Methods



MCP1643-I/MC Shipping Methods



If you have any question about MCP1643-I/MC, please do not hesitate to contact us!

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