

**MCP1643T-I/MS Information**


For Reference Only

**Part Number** [MCP1643T-I/MS](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
     [PMIC - LED Drivers](#)  
**Description** IC LED DRIVER RGLTR DIM 8MSOP  
**Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**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.


**MCP1643T-I/MS Specifications**

Manufacturer Part Number	<a href="#">MCP1643T-I/MS</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">PMIC - LED Drivers</a>
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
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-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package	8-MSOP

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## MCP1643T-I/MS 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.

## MCP1643T-I/MS Payment Methods



## MCP1643T-I/MS Shipping Methods



If you have any question about MCP1643T-I/MS, please do not hesitate to contact us!

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