

MIC2145YML Information


For Reference Only

Part Number [MIC2145YML](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)
Description IC REG MULT CONFIG ADJ 0.5A 10MLF
Package 10-VFDFN Exposed Pad, 10-MLF?
 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.


MIC2145YML Specifications

Manufacturer Part Number	MIC2145YML
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators
Package	10-VFDFN Exposed Pad, 10-MLF?
Series	-
Function	Step-Up, Step-Up/Step-Down
Output Configuration	Positive
Topology	Boost, Flyback, SEPIC
Output Type	Adjustable
Number of Outputs	1
Voltage - Input (Min)	2.4V
Voltage - Input (Max)	16V
Voltage - Output (Min/Fixed)	2.4V
Voltage - Output (Max)	16V
Current - Output	500mA
Frequency - Switching	450kHz
Synchronous Rectifier	No
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	10-VFDFN Exposed Pad, 10-MLF?
Supplier Device Package	10-MLF? (3x3)

[Report errors?](#)

MIC2145YML 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.

MIC2145YML Payment Methods



MIC2145YML Shipping Methods



If you have any question about MIC2145YML, please do not hesitate to contact us!

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