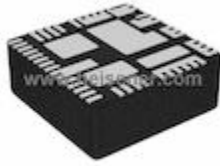


MIC45116-1YMP-T1 Information


For Reference Only

Part Number [MIC45116-1YMP-T1](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)
Description IC REG BUCK ADJ 6A SYNC 52QFN
Package 52-PowerBFQFN
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


MIC45116-1YMP-T1 Specifications

Manufacturer Part Number	MIC45116-1YMP-T1
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators
Package	52-PowerBFQFN
Series	HyperLight Load?
Function	Step-Down
Output Configuration	Positive
Topology	Buck
Output Type	Adjustable
Number of Outputs	1
Voltage - Input (Min)	4.75V
Voltage - Input (Max)	20V
Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	17V
Current - Output	6A
Frequency - Switching	600kHz
Synchronous Rectifier	Yes
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	52-PowerBFQFN
Supplier Device Package	52-QFN (8x8)

[Report errors?](#)

MIC45116-1YMP-T1 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.

MIC45116-1YMP-T1 Payment Methods



MIC45116-1YMP-T1 Shipping Methods



If you have any question about MIC45116-1YMP-T1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com