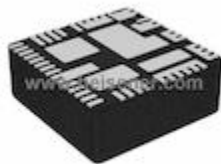


**MIC45116-1YMP-TR Information**


For Reference Only

**Part Number** [MIC45116-1YMP-TR](#)  
**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](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.


**MIC45116-1YMP-TR Specifications**

Manufacturer Part Number	<a href="#">MIC45116-1YMP-TR</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Regulators</a>
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-TR 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-TR Payment Methods



## MIC45116-1YMP-TR Shipping Methods



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

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)