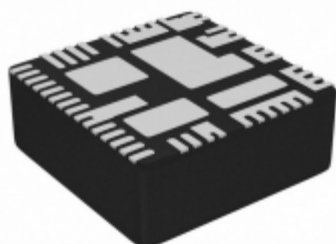


MIC45116-2YMP-T1



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MIC45116-2YMP-T1](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG BUCK ADJ 6A SYNC 52QFN

Data sheet:  [MIC45116 Datasheet](#)

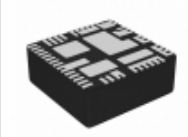
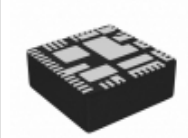
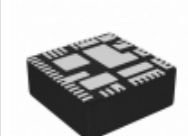
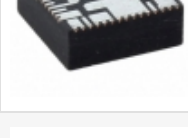
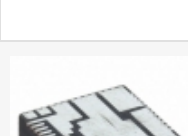
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MIC45116-2YMP-T1	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK ADJ 6A SYNC 52QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10917 pcs	Data sheet	MIC45116 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	17V	Voltage - Input (Min)	4.75V
Voltage - Input (Max)	20V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	52-QFN (8x8)
Series	Hyper Speed Control®	Packaging	Tape & Reel (TR)
Package / Case	52-PowerBFQFN	Output Type	Adjustable
Output Configuration	Positive	Other Names	576-4916-2 MIC45116-2YMP T1
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	14 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	600kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 6A 52-PowerBFQFN	Current - Output	6A
Base Part Number	MIC45116		
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	Part#: MIC44F20YML-TR Description: IC MOSFET DVR HS SGL 6A 8-MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45116-1YMP-EV Description: EVAL BOARD MIC45116-1	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45116-1YMP-TR Description: IC REG BUCK ADJ 6A SYNC 52QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45205-1YMP-EV Description: EVAL BOARD FOR MIC45205	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45116-2YMP-TR Description: IC REG BUCK ADJ 6A SYNC 52QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F19YMME-TR Description: IC MOSFET DRIVER 6A INV 8-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45116-2YMP-EV Description: EVAL BOARD MIC45116-2	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45205-2YMP-T1 Description: DC DC CONVERTER 0.8-5.5V 33W	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45116-1YMP-T1 Description: IC REG BUCK ADJ 6A SYNC 52QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F19YML-TR Description: IC MOSFET DRIVER 6A INV 8-MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45205-1YMP-T1 Description: DC DC CONVERTER 0.8-5.5V 33W	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45205-1YMP-TR Description: DC DC CONVERTER 0.8-5.5V	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45208-1YMP-EV Description: EVAL BOARD FOR MIC45208	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45205-2YMP-EV Description: EVAL BOARD BUCK REG MIC45205-2	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F20YMME Description: IC MOSFET DRIVER 6A HS 8-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45205-2YMP-TR Description: DC DC CONVERTER 0.8-5.5V	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F19YMME Description: IC MOSFET DRIVER 6A HS 8-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45208-1YMP-T1 Description: DC DC CONVERTER 0.8-5.5V 55W	Manufacturers: Micrel / Microchip Technology	RFQ

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