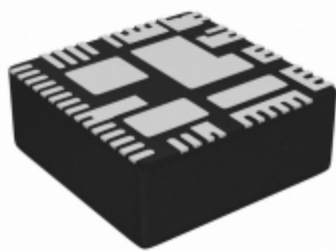


MIC45116-1YMP-T1





Part Number: [MIC45116-1YMP-T1](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG BUCK ADJ 6A SYNC 52QFN

Data sheet:  [MIC45116 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

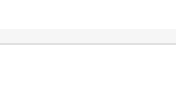
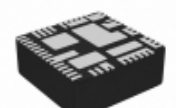
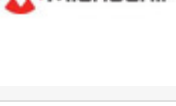
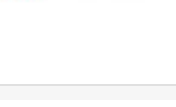
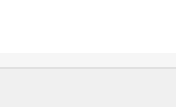
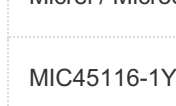
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PRODUCT PARAMETER			
Part Number	MIC45116-1YMP-T1	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK ADJ 6A SYNC 52QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11527 pcs	Data sheet	MIC45116 Datasheet
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	HyperLight Load®	Packaging	Cut Tape (CT)
Package / Case	52-PowerBFQFN	Output Type	Adjustable
Output Configuration	Positive	Other Names	576-4914-1
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2 (1 Year)
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#: MIC44F19YMME Description: IC MOSFET DRIVER 6A HS 8-MSOP	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-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#: MIC44F18YML-TR Description: IC MOSFET DRVR 6A NON INV 8-MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45205-1YMP-EV Description: EVAL BOARD FOR MIC45205	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F20YMME Description: IC MOSFET DRIVER 6A HS 8-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F19YML-TR Description: IC MOSFET DRIVER 6A INV 8-MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45116-2YMP-TR Description: IC REG BUCK ADJ 6A SYNC 52QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45205-1YMP-T1 Description: DC DC CONVERTER 0.8-5.5V 33W	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F19YMME-TR Description: IC MOSFET DRIVER 6A INV 8-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45116-2YMP-T1 Description: IC REG BUCK ADJ 6A SYNC 52QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F18YMME Description: IC MOSFET DRIVER 6A HS 8-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45205-1YMP-TR Description: DC DC CONVERTER 0.8-5.5V	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F20YML-TR Description: IC MOSFET DVR HS SGL 6A 8-MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC45116-2YMP-EV Description: EVAL BOARD MIC45116-2	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC44F18YMME-TR Description: IC MOSFET DRVR 6A NON INV 8-MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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