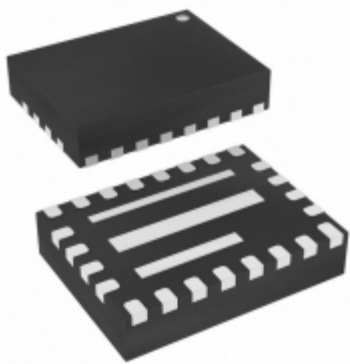


MIC28512-1YFL-TR





Part Number:

MIC28512-1YFL-TR

Manufacturer

Micrel / Microchip Technology

Description

IC REG BUCK ADJ 2A SYNC

Data sheet:

 [MIC28512 Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

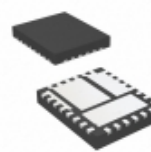
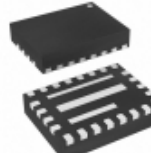
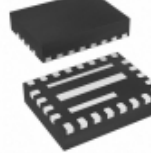
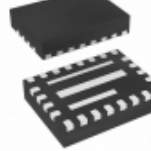
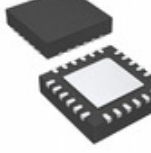
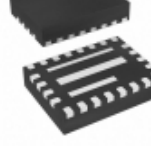
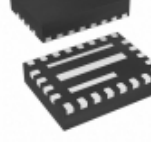
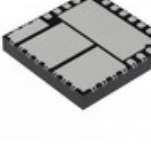
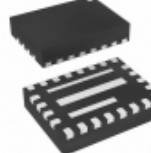
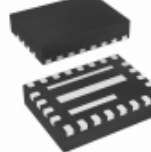
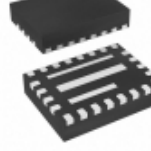
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC28512-1YFL-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG BUCK ADJ 2A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	75326 pcs	Data sheet	MIC28512 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	59.5V	Voltage - Input (Min)	4.6V
Voltage - Input (Max)	70V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	24-FCQFN
Series	HyperLight Load®	Packaging	Tape & Reel (TR)
Package / Case	24-VFQFN Exposed Pad, FC	Output Type	Adjustable
Output Configuration	Positive	Other Names	MIC28512-1YFL TR MIC28512-1YFL TR-ND
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	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	200kHz ~ 680kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 2A 24-VFQFN Exposed Pad, FC	Current - Output	2A
Base Part Number	MIC28512		
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	Part#: MIC28510YJL-TR Description: IC REG BUCK ADJ 4A SYNC 28MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28511-1YFL-EV Description: EVAL BOARD FOR MIC28511-1	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28511-2YFL-EV Description: EVAL BOARD FOR MIC28511-2	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28513-1YFL-TR Description: IC REG BUCK ADJ 4A SYNC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28510-5V-EV Description: BOARD EVAL FOR MIC28510 5V	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28512-2YFL-TR Description: IC REG BUCK ADJ 2A SYNC 24FCQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28513-2YFL-T5 Description: IC REG BUCK ADJ 4A SYNC 24FCQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28512-1YFL-EV Description: EVAL BOARD FOR MIC28512-1	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28511-2YFL-T5 Description: IC REG BUCK ADJ 3A SYNC 24FQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC28512-2YFL-T5 Description: IC REG BUCK ADJ 2A SYNC 24FCQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28511-2YFL-TR Description: IC REG BUCK ADJ 3A SYNC 24FQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28511-1YFL-TR Description: IC REG BUCK ADJ 3A SYNC 24FQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28515T-E/PHA Description: 75V/5A HYPER SPEED CONTROL SYNCH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28512-2YFL-EV Description: EVAL BOARD FOR MIC28512-2	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28512-1YFL-T5 Description: IC REG BUCK ADJ 2A SYNC 24FCQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28511-1YFL-T5 Description: IC REG BUCK ADJ 3A SYNC 24FQFN	Manufacturers: Microchip Technology	RFQ
	Part#: MIC2860-2DYC6-TR Description: IC LED DRIVER LINEAR DIM SC70-6	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC28513-2YFL-TR Description: IC REG BUCK ADJ 4A SYNC 24FCQFN	Manufacturers: Micrel / Microchip Technology	RFQ

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