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See specifications for product details.



MIC68400YML-TR

Manufacturer Part Number	MIC68400YML-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC68400YML-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR POS ADJ 3A 16MLF
Package	16-VQFN Exposed Pad, 16-MLF®
Data sheet	MIC68400.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MIC68400YML-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC68400YML-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC68400YML-TR, please send us email: info@allelco.com

Specifications

MIC68400YML-TR Tech Specifications
MIC68400YML-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	-
Voltage Dropout (Max)	0.5V @ 3A	Output Type	Adjustable
Voltage - Output (Min/Fixed)	0.5V or Tracking	Output Configuration	Positive
Voltage - Output (Max)	5.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	5.5V	Number of Regulators	1
Supplier Device Package	16-MLF® (4x4)	Mounting Type	Surface Mount
Series	-	Current - Output	3A
Protection Features	Over Current, Over Temperature, Reverse Polarity	Control Features	Enable, Power On Reset, Power Sequencing
Package / Case	16-VQFN Exposed Pad, 16-MLF®	Base Product Number	MIC68400
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC68400YML-TR

Product Attribute				
Part Number	MIC68400YML-TR	MIC68220YML-TR	MIC69101-1.8YML	MIC69153YME-TR
Manufacturer	Microchip Technology	Microchip Technology	Micrel Inc.	Microchip Technology
Number of Regulators	1	2	1	1
Control Features	Enable, Power On Reset, Power Sequencing	Enable, Power On Reset, Power Sequencing	Enable	Enable
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Voltage - Output (Max)	5.5V	5.5V	-	5.5V
Protection Features	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature	Over Current, Over Temperature
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Adjustable	Adjustable	Fixed	Adjustable
Output Configuration	Positive	Positive	Positive	Positive
Series	-	-	-	-
Voltage Dropout (Max)	0.5V @ 3A	0.4V @ 1A	0.5V @ 1A	0.5V @ 1.5A
PSRR	-	-	-	-
Voltage - Output (Min/Fixed)	0.5V or Tracking	0.5V or Tracking	1.8V	0.5V
Base Product Number	MIC68400	MIC68220	-	MIC69153
Package / Case	16-VQFN Exposed Pad, 16-MLF®	20-VDFN Exposed Pad, 20-MLF®	10-VDFN Exposed Pad, 10-MLF®	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Current - Output	3A	1A	1A	1.5A
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	16-MLF® (4x4)	20-MLF® (4x5)	10-MLF® (3x3)	8-SOIC-EP
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)

MIC68400YML-TR Datasheet PDF

Download MIC68400YML-TR pdf datasheets and Microchip Technology documentation for MIC68400YML-TR - Microchip Technology.

Datasheets

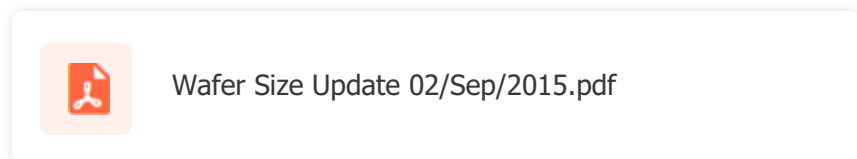
MIC68400.pdf

PCN Part Number

Micrel to Microchip PN Changes 7/Oct/2015.pdf

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf



PCN Design/Specification



Customers Also Interested in

Recommended Products

MIC68220YML Micrel / Microchip Technology	MIC69103YML/TR Micrel / Microchip Technology	MIC68400YML Micrel / Microchip Technology	MIC68400-1.8YML Micrel / Microchip Technology	MIC68220YML-TR Microchip Technology IC REG LINEAR POS ADJ 1A 20MLF	MIC69101-1.8YML Micrel Inc. IC REG LINEAR SGL SUPPLY VIN LOW
MIC68401YML Micrel / Microchip Technology	MIC69103YML Micrel / Microchip Technology	MIC68200-3.3YML Micrel / Microchip Technology	MIC69153YME-TR Microchip Technology IC REG LINEAR POS ADJ 1.5A 8SOIC	MIC68200YML-TR Microchip Technology IC REG LINEAR POS ADJ 1A 10MLF	MIC69153YME Micrel Inc. IC REG LDO 1.5A ADJ 8-ESOIC
MIC68200YMLTR Micrel / Microchip Technology	MIC68200YML Micrel / Microchip Technology	MIC69103YML-TR Microchip Technology IC REG LINEAR POS ADJ 1A 10MLF	MIC68200YML/TR Micrel / Microchip Technology	MIC68400-1.8YML-TR Microchip Technology IC REG LIN 1.8V 3A 16MLF	MIC68400YTSE Micrel / Microchip Technology

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.

Your Faithful Supply Chain Partner -

Efficient Supply Management

Cost-Saving Procurement

Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships

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