

Image may be representation.
See specifications for product details.



MIC23303YML-T5

Manufacturer Part Number	MIC23303YML-T5
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC23303YML-T5
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG BUCK ADJUSTABLE 3A 12DFN
Package	12-VDFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MIC23303YML-T5 - Microchip Technology. New Original in Stock. Download Linear Technology MIC23303YML-T5 datasheet/specifications on AllelcoElec.com. Request a quote for MIC23303YML-T5, please send us email: info@allelco.com

Specifications

MIC23303YML-T5 Tech Specifications
MIC23303YML-T5 - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.65V	Output Type	Adjustable
Voltage - Output (Max)	3.6V	Output Configuration	Positive
Voltage - Input (Min)	2.7V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	5.5V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	12-DFN (3x3)	Frequency - Switching	4MHz
Series	HyperLight Load®	Current - Output	3A
Package / Case	12-VDFN Exposed Pad	Base Product Number	MIC23303

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC23303YML-T5

Product Attribute				
Part Number	MIC23303YML-T5	MIC23250-S4YMT-TR	MIC23250-GFHYMT	MIC23451-AAAYFL-T5
Manufacturer	Microchip Technology	Microchip Technology	Micrel Inc.	Microchip Technology
Current - Output	3A	400mA	400mA, 400mA	2A
Topology	Buck	Buck	Buck	Buck
Voltage - Output (Min/Fixed)	0.65V	1.2V, 3.3V	1.575V, 1.8V	1V
Package / Case	12-VDFN Exposed Pad	10-UDFN, 10-TMLF®	10-UDFN, 10-TMLF®	26-VFQFN Exposed Pad
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Voltage - Input (Min)	2.7V	2.7V	2.7V	2.7V
Function	Step-Down	Step-Down	Step-Down	Step-Down
Voltage - Output (Max)	3.6V	-	-	3.3V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Synchronous Rectifier	Yes	Yes	Yes	Yes
Output Type	Adjustable	Fixed	Fixed	Adjustable
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Supplier Device Package	12-DFN (3x3)	10-TMLF® (2x2)	10-TMLF® (2x2)	26-QFN (4x4)
Base Product Number	MIC23303	MIC23250	-	MIC23451
Frequency - Switching	4MHz	4MHz	4MHz	3MHz
Series	HyperLight Load®	HyperLight Load®	HyperLight Load®	HyperLight Load®
Number of Outputs	1	2	2	3
Output Configuration	Positive	Positive	Positive	Positive

MIC23303YML-T5 Datasheet PDF

Download MIC23303YML-T5 pdf datasheets and Microchip Technology documentation for MIC23303YML-T5 - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)

PCN Part Number






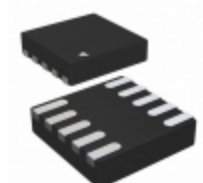












2.73KHz.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
MIC23201YML	MIC23450YML	MIC23250-S4YMT	MIC23163YMTTR	MIC23163YMT	MIC23250-S4YMT-TR
Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Microchip Technology IC REG BUCK 1.2V/3.3V DL 10TMLF
					
MIC23250-GFHYMT	MIC23303YML	MIC23451-AAAYFL-T5	MIC23250-AAAYMT	MIC23164YMT-TR	MIC23450-AAAYML-TR
Micrel Inc. 4 MHZ DUAL 400 MA SYNCHRONOUS BU	Micrel / Microchip Technology	Microchip Technology IC REG BUCK ADJ 2A TRPL 26QFN	Micrel / Microchip Technology	Microchip Technology IC REG BUCK ADJUSTABLE 2A 10TDFN	Microchip Technology IC REG BUCK ADJ 2A TRPL 32MLF
					
MIC23303YML-TR	MIC23656-HAYFT-TR	MIC23250-G4YMT	MIC23450-AAAYML/TR	MIC2342-2YTQ	MIC2341-2YTQ
Microchip Technology IC REG BUCK ADJUSTABLE 3A 12DFN	Microchip Technology IC REG BUCK 5V 6A SYNC W/ I2	Micrel / Microchip Technology	MICROCH	Microchip Technology IC HOT PLUG CTRLR PCI EXP 48TQFP	Microchip Technology IC HOT PLUG CTRLR PCI EXP 48TQFP

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

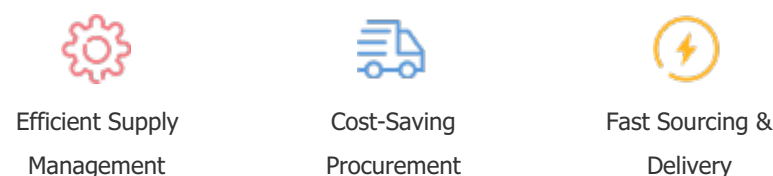
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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