

Image may be representation.
See specifications for product details.



MIC5020YM-TR

Manufacturer Part Number	MIC5020YM-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC5020YM-TR
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR LOW-SIDE 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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MIC5020YM-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5020YM-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5020YM-TR, please send us email: info@allelco.com

Specifications

MIC5020YM-TR Tech Specifications

MIC5020YM-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Surface Mount
Voltage - Supply	11V ~ 50V	Logic Voltage - VIL, VIH	0.8V, 2V
Supplier Device Package	8-SOIC	Input Type	Non-Inverting
Series	-	Gate Type	N-Channel MOSFET
Rise / Fall Time (Typ)	700ns, 500ns	Driven Configuration	Low-Side
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Peak Output (Source, Sink)	-
Package	Tape & Reel (TR)	Channel Type	Single
Operating Temperature	-40°C ~ 85°C (TA)	Base Product Number	MIC5020
Number of Drivers	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5020YM-TR

Product Attribute				
Part Number	MIC5020YM-TR	MIC5017BWM	MIC5018BM4	MIC5021YM
Manufacturer	Microchip Technology	Micrel Inc.	Micrel Inc.	Microchip Technology
Rise / Fall Time (Typ)	700ns, 500ns	-	-	400ns, 400ns
Supplier Device Package	8-SOIC	16-SOP	SOT-143-4	8-SOIC
Base Product Number	MIC5020	MIC5017	MIC5018	MIC5021
Logic Voltage - VIL, VIH	0.8V, 2V	0.8V, 2V	0.8V, 2V	0.8V, 2V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Peak Output (Source, Sink)	-	50mA, -	-	-
Series	-	-	-	-
Package	Tape & Reel (TR)	Bulk	Bulk	Tube
Number of Drivers	1	2	1	1
Input Type	Non-Inverting	Inverting	Non-Inverting	Non-Inverting
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	TO-253-4, TO-253AA	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply	11V ~ 50V	2.75V ~ 30V	2.7V ~ 9V	12V ~ 36V
Gate Type	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET	IGBT, N-Channel MOSFET
Driven Configuration	Low-Side	High-Side or Low-Side	High-Side	High-Side
Channel Type	Single	Independent	Single	Single

MIC5020YM-TR Datasheet PDF

Download MIC5020YM-TR pdf datasheets and Microchip Technology documentation for MIC5020YM-TR - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[Packing Changes 10/Oct/2016.pdf](#)

[Mult Devices 17/Nov/2017.pdf](#)

PCN Assembly/Origin



















[2.73KHz.pdf](#)

PCN Part Number

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

					
MIC5018YM4/TR	MIC502BN	MIC5021YM/TR	MIC5018YM4TR	MIC5017BWM	MIC5018BM4
Micrel / Microchip Technology	Microchip Technology IC MOTOR DRIVER 4V-13.2V 8DIP	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel Inc. DUAL HIGH/LOW-SIDE MOSFET DRIVER	Micrel Inc. HIGH-SIDE MOSFET DRIVER
					
MIC5018YM4	MIC5021YM	MIC5015YN	MIC5019YFT-TR	MIC5021BM	MIC5021YM-TR
Micrel / Microchip Technology	Microchip Technology IC GATE DRVR HIGH-SIDE 8SOIC	Microchip Technology IC GATE DRV HI-SIDE/LO-SIDE 8DIP	Microchip Technology IC GATE DRVR HIGH-SIDE 4TQFN	Microchip Technology IC GATE DRVR HIGH-SIDE 8SOIC	Microchip Technology IC GATE DRVR HIGH-SIDE 8SOIC
					
MIC5016BWM	MIC5021BN	MIC502YM	MIC5018YM4-TR	MIC5018BM4TR	MIC502BM
Microchip Technology IC GATE DRVR HI/LOW SIDE 16SOIC	Microchip Technology IC GATE DRVR HIGH-SIDE 8DIP	Microchip Technology IC MOTOR DRIVER 4V-13.2V 8SOIC	Microchip Technology IC GATE DRVR HIGH-SIDE SOT143	Microchip Technology HIGH-SIDE MOSFET DRIVER	Microchip Technology IC MOTOR DRIVER 4V-13.2V 8SOIC

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

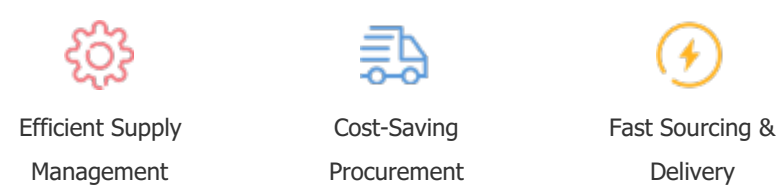
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

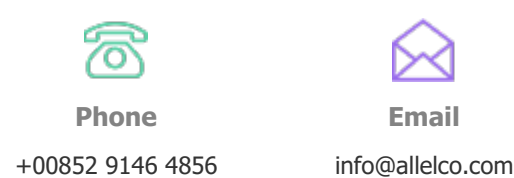
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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