

Image may be representation.
See specifications for product details.



MP23ABS1TR

Manufacturer Part Number	MP23ABS1TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-MP23ABS1TR
ECAD Model	Request Free CAD Models
Parts Description	MIC MEMS ANALOG OMNI -38DB
Package	
Data sheet	MP23ABS1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MP23ABS1TR - STMicroelectronics.New Original in Stock. Download Linear Technology MP23ABS1TR datasheet/specifications on AllelcoElec.com.
Request a quote for MP23ABS1TR, please send us email: info@allelco.com

Specifications

MP23ABS1TR Tech Specifications

MP23ABS1TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Ratings	-
Voltage - Rated	2.75 V	Port Location	Bottom
Type	MEMS (Silicon)	Package	Tape & Reel (TR)
Termination	Solder Pads	Output Type	Analog
Size / Dimension	0.138" L x 0.104" W (3.50mm x 2.65mm)	Height (Max)	0.043" (1.08mm)
Shape	Rectangular	Frequency Range	35 Hz ~ 1.5 kHz
Series	-	Direction	Omnidirectional
Sensitivity	-38dB ±1dB @ 94dB SPL	Current - Supply	150 µA
S/N Ratio	64dB	Base Product Number	MP23ABS1

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics MP23ABS1TR

Product Attribute				
Part Number	MP23ABS1TR	MP23AB01DHTR	MP23AB02BTR	MP23AB01DMTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	MP23ABS1	MP23	MP23	MP23AB01
Series	-	-	-	-
Height (Max)	0.043" (1.08mm)	0.043" (1.10mm)	0.043" (1.08mm)	0.043" (1.08mm)
Frequency Range	35 Hz ~ 1.5 kHz	100 Hz ~ 10 kHz	20 Hz ~ 20 kHz	100 Hz ~ 10 kHz
Termination	Solder Pads	Solder Pads	Solder Pads	Surface Mount
Current - Supply	150 µA	250 µA	220 µA	250 µA
Shape	Rectangular	Rectangular	Rectangular	Rectangular
Output Type	Analog	Analog	Analog	Analog
Voltage - Rated	2.75 V	2.7 V	1.8 V	-
Port Location	Bottom	Bottom	Bottom	Bottom
S/N Ratio	64dB	65dB	64dB	64dB
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Direction	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional
Type	MEMS (Silicon)	MEMS (Silicon)	MEMS (Silicon)	MEMS (Silicon)
Sensitivity	-38dB ±1dB @ 94dB SPL	-38dB ±1dB @ 94dB SPL	-38dB ±3dB @ 94dB SPL	-38dB ±3dB @ 94dB SPL
Size / Dimension	0.138" L x 0.104" W (3.50mm x 2.65mm)	0.132" L x 0.098" W (3.35mm x 2.50mm)	0.132" L x 0.098" W (3.35mm x 2.50mm)	0.132" L x 0.098" W (3.35mm x 2.50mm)
Ratings	-	-	-	-

MP23ABS1TR Datasheet PDF

Download MP23ABS1TR pdf datasheets and STMicroelectronics documentation for MP23ABS1TR - STMicroelectronics.

PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

HTML Datasheet



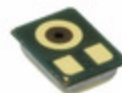















MP23ABS1.pdf

PCN Assembly/Origin

MP23ABS1TR 03/Feb/2020.pdf

Customers Also Interested in

Recommended Products

 MP2403DN Monolithic Power Systems	 MP23AB01DHTR STMicroelectronics MIC MEMS ANALOG OMNI -38DB	 MP23AB02BTR STMicroelectronics MIC MEMS ANALOG OMNI -38DB	 MP23AB01DMTR STMicroelectronics MIC MEMS ANALOG OMNI -38DB	 MP23DB01HPTR STMicroelectronics MIC MEMS DIGITAL PDM OMNI -24DB	 MP2388QEU-Z Monolithic Power Systems Inc. IC REG BUCK ADJUSTABLE 1A
 MP2396ES-LF-Z Monolithic Power Systems	 MP2396ES Monolithic Power Systems	 MP23DB01MMTR STMicroelectronics	 MP23SB ITM	 MP23DB02MMTR STMicroelectronics MICROPHONE	 MP2393GTL-Z Monolithic Power Systems Inc. HIGH-EFFICIENCY, 3A, 24V, 650KHZ
 MP23ABW0TR STMicroelectronics	 MP2392GTL-Z Monolithic Power Systems Inc. HIGH-EFFICIENCY, 2A, 24V, 650KHZ	 MP23ABW01 STMicroelectronics	 MP2396ES-C295-LF-Z Monolithic Power Systems	 MP2395GQ-Z Monolithic Power Systems	 MP2400GJ-Z Monolithic Power Systems

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

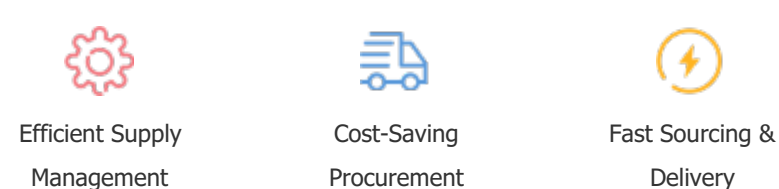
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

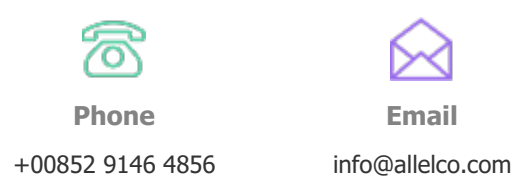
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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