



MAT01GHZ

Manufacturer Part Number	MAT01GHZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-MAT01GHZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TRANS 2NPN 45V 0.025A TO78-6
Package	TO-78-6 Metal Can
Data sheet	MAT01.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

MAT01GHZ - Analog Devices Inc..New Original in Stock. Download Linear Technology MAT01GHZ datasheet/specifications on AllelcoElec.com.
Request a quote for MAT01GHZ, please send us email: info@allelco.com

Specifications

MAT01GHZ Tech Specifications

MAT01GHZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Bulk
Voltage - Collector Emitter Breakdown (Max)	45V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	800mV @ 1mA, 10mA	Mounting Type	Through Hole
Transistor Type	2 NPN (Dual) Matched Pair	Frequency - Transition	450MHz
Supplier Device Package	TO-78-6	DC Current Gain (hFE) (Min) @ Ic, Vce	-
Series	-	Current - Collector Cutoff (Max)	400nA
Power - Max	500mW	Current - Collector (Ic) (Max)	25mA
Package / Case	TO-78-6 Metal Can	Base Product Number	MAT01

Parts with Similar Specifications

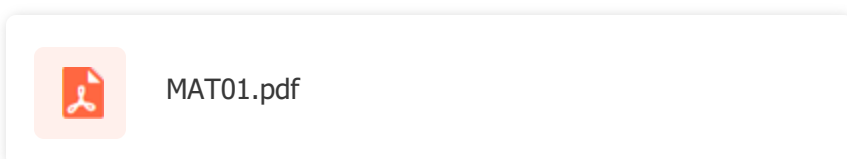
The three parts on the right have similar specifications to Analog Devices Inc. MAT01GHZ

Product Attribute	NO PICTURE			
Part Number	MAT01GHZ	MAT03FHZ	MAT02BH	MAT02BRC/883C
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Collector Cutoff (Max)	400nA	-	200pA	200pA
Power - Max	500mW	500mW	500mW	500mW
Frequency - Transition	450MHz	190MHz	-	-
Vce Saturation (Max) @ Ib, Ic	800mV @ 1mA, 10mA	100mV @ 100µA, 1mA	100mV @ 100µA, 1mA	100mV @ 100µA, 1mA
Package / Case	TO-78-6 Metal Can	TO-78-6 Metal Can	TO-78-6 Metal Can	20-LCC (J-Lead)
Base Product Number	MAT01	MAT03	MAT02	MAT02
DC Current Gain (hFE) (Min) @ Ic, Vce	-	-	500 @ 1mA, 40V	500 @ 1mA, 40V
Transistor Type	2 NPN (Dual) Matched Pair	2 PNP (Dual)	2 NPN (Dual)	2 NPN (Dual)
Current - Collector (Ic) (Max)	25mA	20mA	20mA	20mA
Voltage - Collector Emitter Breakdown (Max)	45V	36V	40V	40V
Mounting Type	Through Hole	Through Hole	Through Hole	Surface Mount
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 125°C	-55°C ~ 125°C
Package	Bulk	Tube	Bulk	Bulk
Supplier Device Package	TO-78-6	TO-78-6	TO-78-6	20-PLCC (9x9)
Series	-	-	-	-

MAT01GHZ Datasheet PDF

Download MAT01GHZ pdf datasheets and Analog Devices Inc. documentation for MAT01GHZ - Analog Devices Inc..

Datasheets



Customers Also Interested in

Recommended Products



Panasonic



MAT-04FTR

ADI (Analog Devices, Inc.)

MAT-YA0043-T001

Panasonic

MAT-FH0002-T001

NIHON

MAT03FHZ

Analog Devices Inc.
TRANS 2PNP 36V 0.02A TO78-6

MAT-FA0001-T002

NRS

MAT01AH/883

ADI (Analog Devices, Inc.)



MAT04FS

ADI (Analog Devices, Inc.)

MAT02BH

Analog Devices Inc.
LOW NOISE, MATCHED DUAL
MONOLITH

MAT02FH

ADI (Analog Devices, Inc.)

MAT02BRC/883C

Analog Devices Inc.
LOW NOISE, MATCHED DUAL
MONOLITH

MAT01AHZ

Analog Devices Inc.
TRANS 2NPN 45V 0.025A TO78-6

MAT03EH

Analog Devices Inc.
TRANS 2PNP 36V 0.02A TO78-6



MAT03AH

Analog Devices Inc.
MATCHED DUAL PNP TRANSISTOR

MAT-FN5037-0001

Murata Power Solutions

MAT-FA0002-T001-130.05MHZ

Epson

MAT01AH

Analog Devices Inc.
TRANS 2NPN 45V 0.025A TO78-6

MAT02EH

Analog Devices Inc.
IC TX MATCHED MONO DUAL LN TO-78

MAT01GH

Analog Devices Inc.
TRANS 2NPN 45V 0.025A TO78-6

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.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



[View More](#)



Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
 Phone: +00852 9146 4856
 Fax: +00852 3010 8510
 Email: info@allelco.com