

Image may be representation.
See specifications for product details.



ATA6563-GAQW1

Manufacturer Part Number	ATA6563-GAQW1
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATA6563-GAQW1
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC TRANSCEIVER HALF 1/1 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	ATA6562, ATA6563 Datasheet.pdf ATA6562, ATA6563 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATA6563-GAQW1 - Microchip Technology. New Original in Stock. Download Linear Technology ATA6563-GAQW1 datasheet/specifications on AllelcoElec.com.
Request a quote for ATA6563-GAQW1, please send us email: info@allelco.com

Specifications

ATA6563-GAQW1 Tech Specifications
ATA6563-GAQW1 - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Supply	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Type	Transceiver	Number of Drivers/Receivers	1/1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, Functional Safety (FuSa)	Duplex	Half
Receiver Hysteresis	120 mV	Data Rate	5Mbps
Protocol	CANbus	Base Product Number	ATA6563
Package / Case	8-SOIC (0.154", 3.90mm Width)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATA6563-GAQW1

Product Attribute				
Part Number	ATA6563-GAQW1	ATA6564-GAQW0	ATA6562-GAQW0	ATA6561-GAQW-N
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of Drivers/Receivers	1/1	1/1	1/1	1/1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Type	Transceiver	Transceiver	Transceiver	Transceiver
Base Product Number	ATA6563	ATA6564	ATA6562	ATA6561
Operating Temperature	-40°C ~ 125°C	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C (TJ)
Receiver Hysteresis	120 mV	120 mV	120 mV	120 mV
Protocol	CANbus	CANbus	CANbus	CANbus
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Duplex	Half	Half	Half	-
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SO
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Automotive, AEC-Q100, Functional Safety (FuSa)	Automotive, AEC-Q100, Functional Safety (FuSa)	Automotive, AEC-Q100, Functional Safety (FuSa)	Automotive, AEC-Q100, Functional Safety (FuSa)
Data Rate	5Mbps	5Mbps	5Mbps	5Mbps

ATA6563-GAQW1 Datasheet PDF

Download ATA6563-GAQW1 pdf datasheets and Microchip Technology documentation for ATA6563-GAQW1 - Microchip Technology.

Datasheets

[ATA6562, ATA6563 Datasheet.pdf](#)

PCN Assembly/Origin

[Cancel 12/Jan/2022.pdf](#)

HTML Datasheet

[ATA6562, ATA6563 Datasheet.pdf](#)

PCN Design/Specification

[ATA6562/ATA6563 17/Dec/2021.pdf](#)

[ATA6562/ATA6563 25/Jun/2020.pdf](#)

Customers Also Interested in

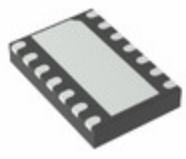
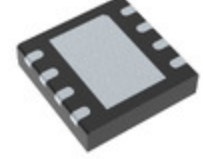
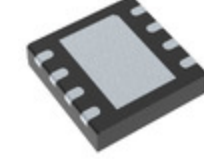
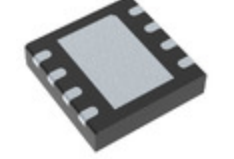
Recommended Products

**ATA6564-GAQW0**Microchip Technology
IC TRANSCEIVER HALF 1/1 8SOIC**ATA6562-GAQW0**Microchip Technology
IC TRANSCEIVER HALF 1/1 8SOIC**ATA6564H**

Atmel (Microchip Technology)

**ATA6561-GAQW-N**Microchip Technology
IC TRANSCEIVER 1/1 8SO**ATA6565-GNQW1**Microchip Technology
DUAL CAN TRX**ATA6562H-GBQW**

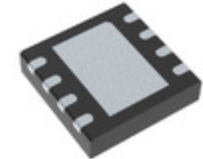
Atmel (Microchip Technology)

**ATA6565-GCQW1**Microchip Technology
IC TRANSCEIVER HALF 2/2 14VDFN**ATA6563-GBQW0**Microchip Technology
IC TRANSCEIVER HALF 1/1 8VDFN**ATA6563-GAQW0**Microchip Technology
IC TRANSCEIVER HALF 1/1 8SOIC**ATA6561-GBQW**Microchip Technology
IC TRANSCEIVER 1/1 8VDFN**ATA6561-GBQW-N**Microchip Technology
IC TRANSCEIVER 1/1 8VDFN**ATA6563-GBQW1**Microchip Technology
IC TRANSCEIVER HALF 1/1 8VDFN**ATA6564-GAQW1**Microchip Technology
IC TRANSCEIVER HALF 1/1 8SOIC**ATA6562-GAQW**

Atmel (Microchip Technology)

**ATA6562H**

Atmel (Microchip Technology)

**ATA6562-GBQW0**Microchip Technology
IC TRANSCEIVER HALF 1/1 8DFN**ATA6564-GBQW**

Atmel (Microchip Technology)

**ATA6562-GAQW1**Microchip Technology
IC TRANSCEIVER HALF 1/1 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 -



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](#)