



Image may be representation.
See specifications for product details.



LM258AYDT

Manufacturer Part Number	LM258AYDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LM258AYDT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	LM158,258,358 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LM258AYDT - STMicroelectronics.New Original in Stock. Download Linear Technology LM258AYDT datasheet/specifications on AllelcoElec.com.
Request a quote for LM258AYDT, please send us email: info@allelco.com

Specifications

LM258AYDT Tech Specifications

LM258AYDT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 105°C
Voltage - Supply Span (Min)	3 V	Number of Circuits	2
Voltage - Supply Span (Max)	30 V	Mounting Type	Surface Mount
Voltage - Input Offset	1 mV	Gain Bandwidth Product	1.1 MHz
Supplier Device Package	8-SOIC	Current - Supply	700µA (x2 Channels)
Slew Rate	0.6V/µs	Current - Output / Channel	40 mA
Series	Automotive, AEC-Q100	Current - Input Bias	20 nA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	LM258
Package	Tape & Reel (TR)	Amplifier Type	General Purpose
Output Type	-		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LM258AYDT

Product Attribute				
Part Number	LM258AYDT	LM258DMR2	LM258AWYST	LM258AMX
Manufacturer	STMicroelectronics	onsemi	STMicroelectronics	onsemi
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	-	-	-	-
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Circuits	2	2	2	2
Series	Automotive, AEC-Q100	-	Automotive, AEC-Q100	-
Voltage - Supply Span (Min)	3 V	3 V	3 V	3 V
Current - Input Bias	20 nA	45 nA	20 nA	40 nA
Current - Output / Channel	40 mA	40 mA	40 mA	30 mA
Gain Bandwidth Product	1.1 MHz	1 MHz	1.1 MHz	-
Supplier Device Package	8-SOIC	8-MSOP	8-MiniSO	8-SOIC
Slew Rate	0.6V/µs	-	0.6V/µs	-
Voltage - Input Offset	1 mV	2 mV	1 mV	1 mV
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply Span (Max)	30 V	32 V	30 V	32 V
Current - Supply	700µA (x2 Channels)	800µA (x2 Channels)	700µA (x2 Channels)	800µA
Operating Temperature	-40°C ~ 105°C	-25°C ~ 85°C	-40°C ~ 105°C	-25°C ~ 85°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	LM258	LM258	LM258	LM258

LM258AYDT Datasheet PDF

Download LM258AYDT pdf datasheets and STMicroelectronics documentation for LM258AYDT - STMicroelectronics.

Datasheets

[LM158,258,358 Datasheet.pdf](#)

PCN Packaging

[Moisture Barrier Bag 09/May/2016.pdf](#)

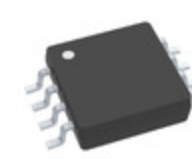
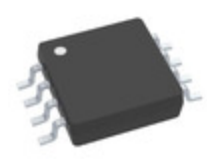
PCN Design/Specification

[SO8/SO14 Pkg Material Set Chg 10/Jun/2016.pdf](#)



Customers Also Interested in

Recommended Products

**LM258DMR2**onsemi
IC OPAMP GP 2 CIRCUIT 8MSOP**LM258AWYST**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8MINISO**LM258AMX**onsemi
IC OPAMP GP 2 CIRCUIT 8SOIC**LM258D**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC**LM258AN**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8MINI DIP**LM258DGKRG4**Texas Instruments
IC OPAMP GP 2 CIRCUIT 8VSSOP**LM258DGKR**Texas Instruments
IC OPAMP GP 2 CIRCUIT 8VSSOP**LM258AST**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8MINISO**LM258AWYDT**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC**LM258AP**Texas Instruments
IC OPAMP GP 2 CIRCUIT 8DIP**LM258AMX**Fairchild Semiconductor
IC OPAMP GP 2 CIRCUIT 8SOIC**LM258D**Texas Instruments
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IC OPAMP GP 2 CIRCUIT 8MSOP**LM258DG**onsemi
IC OPAMP GP 2 CIRCUIT 8SOIC**LM258AWDT**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC**LM258AWYPT**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8TSSOP**LM258APT**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8TSSOP

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

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Certifications & Memberships



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