



Image may be representation.  
See specifications for product details.



## LM258WDT

Manufacturer Part Number	<b>LM258WDT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-LM258WDT
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	<b>LMx58(A)W.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LM258WDT - STMicroelectronics.New Original in Stock. Download Linear Technology LM258WDT datasheet/specifications on AllelcoElec.com.  
Request a quote for LM258WDT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LM258WDT Tech Specifications

LM258WDT - 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	2 mV	Gain Bandwidth Product	1.1 MHz
Supplier Device Package	8-SOIC	Current - Supply	700µA
Slew Rate	0.6V/µs	Current - Output / Channel	60 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 LM258WDT

Product Attribute				
Part Number	LM258WDT	LM258QT	LM258H	LM258YDT
Manufacturer	STMicroelectronics	STMicroelectronics	Texas Instruments	STMicroelectronics
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-25°C ~ 85°C	-40°C ~ 105°C
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Number of Circuits	2	2	2	2
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Voltage - Supply Span (Max)	30 V	30 V	32 V	30 V
Current - Input Bias	20 nA	20 nA	45 nA	20 nA
Current - Output / Channel	60 mA	40 mA	40 mA	40 mA
Voltage - Input Offset	2 mV	5 mV	2 mV	5 mV
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-UFDN Exposed Pad	TO-99-8 Metal Can	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC	8-DFN (2x2)	TO-99-8	8-SOIC
Slew Rate	0.6V/µs	0.6V/µs	-	0.6V/µs
Output Type	-	-	-	-
Voltage - Supply Span (Min)	3 V	3 V	3 V	3 V
Base Product Number	LM258	LM258	-	LM258
Gain Bandwidth Product	1.1 MHz	1.1 MHz	1 MHz	1.1 MHz
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Current - Supply	700µA	700µA (x2 Channels)	1mA	700µA (x2 Channels)

### LM258WDT Datasheet PDF

Download LM258WDT pdf datasheets and STMicroelectronics documentation for LM258WDT - STMicroelectronics.

#### Datasheets

[LMx58\(A\)W.pdf](#)


#### PCN Packaging

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

[Mult Dev Cover Tape Chg 14/Aug/2019.pdf](#)



















#### PCN Design/Specification

[New Material Set for SO8 & SO14 Pkg 18/Nov/2015.pdf](#)

 Mult Devices Lead Frame 12/Jan/2018.pdf

## Customers Also Interested in

### Recommended Products

					
<b>LM258QT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8DFN	<b>LM2590HVS-3.3</b> Texas Instruments IC REG BUCK 3.3V 1A TO263-7	<b>LM258H</b> Texas Instruments IC OPAMP GP 2 CIRCUIT TO99-8	<b>LM258YDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	<b>LM258N</b> onsemi IC OPAMP GP 2 CIRCUIT 8DIP	<b>LM258M</b> HX NO PICTURE
					
<b>LM258WPT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8TSSOP	<b>LM2590HVS-5.0</b> Texas Instruments IC REG BUCK 5V 1A TO263-7	<b>LM258WYST</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINISO	<b>LM258N</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINI DIP	<b>LM258WYPT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8TSSOP	<b>LM258DT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC
					
<b>LM2590HVS-ADJ</b> Texas Instruments IC REG BUCK ADJ 1A TO263-7	<b>LM2590HVSX-3.3</b> Texas Instruments IC REG BUCK 3.3V 1A TO263-7	<b>LM258WYDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	<b>LM258P</b> Texas Instruments IC OPAMP GP 2 CIRCUIT 8DIP	<b>LM258PT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8TSSOP	<b>LM258MX</b> NS NO PICTURE

## 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

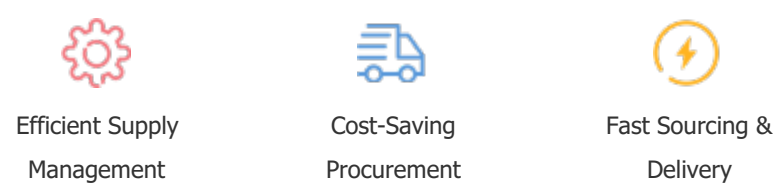
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

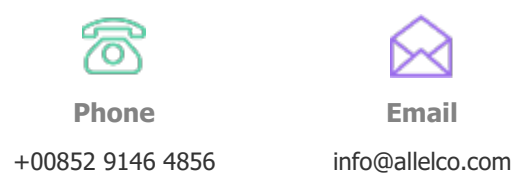
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### Contact us

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