



Image may be representation.
See specifications for product details.



MC4558IDT

Manufacturer Part Number	MC4558IDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-MC4558IDT
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	MC4558.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC4558IDT - STMicroelectronics.New Original in Stock. Download Linear Technology MC4558IDT datasheet/specifications on AllelcoElec.com.
Request a quote for MC4558IDT, please send us email: info@allelco.com

Specifications

MC4558IDT Tech Specifications

MC4558IDT - 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)	4 V	Number of Circuits	2
Voltage - Supply Span (Max)	40 V	Mounting Type	Surface Mount
Voltage - Input Offset	1 mV	Gain Bandwidth Product	5.5 MHz
Supplier Device Package	8-SOIC	Current - Supply	2.3mA
Slew Rate	2.2V/μs	Current - Output / Channel	20 mA
Series	-	Current - Input Bias	50 nA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MC4558
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 MC4558IDT

Product Attribute				
Part Number	MC4558IDT	MC4558CPT	MC4558CDT	MC4558ID
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Supply	2.3mA	2.3mA	2.3mA	2.3mA
Series	-	-	-	-
Number of Circuits	2	2	2	2
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Voltage - Input Offset	1 mV	1 mV	1 mV	1 mV
Gain Bandwidth Product	5.5 MHz	5.5 MHz	5.5 MHz	5.5 MHz
Output Type	-	-	-	-
Supplier Device Package	8-SOIC	8-TSSOP	8-SOIC	8-SOIC
Voltage - Supply Span (Min)	4 V	4 V	4 V	4 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Current - Output / Channel	20 mA	20 mA	20 mA	20 mA
Operating Temperature	-40°C ~ 105°C	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 105°C
Current - Input Bias	50 nA	50 nA	50 nA	50 nA
Voltage - Supply Span (Max)	40 V	40 V	40 V	40 V
Slew Rate	2.2V/μs	2.2V/μs	2.2V/μs	2.2V/μs
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MC4558	MC4558	MC4558	MC4558
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose

MC4558IDT Datasheet PDF

Download MC4558IDT pdf datasheets and STMicroelectronics documentation for MC4558IDT - STMicroelectronics.

Datasheets

[MC4558.pdf](#)


PCN Packaging

[Box Label Chg 28/Jul/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 Dev Assembly Site Add 24/May/2018.pdf

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Recommended Products

 NO PICTURE	 life.augmented	 NO PICTURE	 NO PICTURE		 NO PICTURE
MC4558L-D08-T UTC	MC4558DT STMicroelectronics	MC4558CDR2 UTC	MC4558G-S08-R UTC	MC4558CPT STMicroelectronics IC OPAMP GP 2 CIRCUIT 8TSSOP	MC4558G UTC
 Fairchild (onsemi)		 NO PICTURE			 ON Semiconductor
MC4558VDX	MC4558CDT STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	MC4558L UTC	MC4558ID STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	MC4558IPT STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SO	MC4558VDR2G AMI Semiconductor/onsemi
 NO PICTURE		 NO PICTURE			 NO PICTURE
MC4558NB 0	MC4558IN STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINI DIP	MC4558L-S08-R UTC	MC4558CP onsemi IC OPAMP GP 2 CIRCUIT 8DIP	MC4558CN STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINI DIP	MC4558L-DIP8T-TG UTC

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
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Contact us if you have any questions.

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Certifications & Memberships



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