MAX5258EEE+

Manufacturer Part Number	MAX5258EEE+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX5258EEE+
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 8BIT V-OUT 16QSOP
Package	16-SSOP (0.154", 3.90mm Width)
Data sheet	MAX5258-59.pdf
RoHs Status	ROHS3 Compliant

Image may be representation.
See specifications for product details.

maxim integrated™

Get a Quote

MAX5258EEE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX5258EEE+ datasheet/specifications on AllelcoElec.com.
Request a quote for MAX5258EEE+, please send us email: info@allelco.com

Specifications

MAX5258EEE+ Tech Specifications
MAX5258EEE+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	5V	Number of D/A Converters	8
Voltage - Supply, Analog	5V	Number of Bits	8
Supplier Device Package	16-QSOP	Mounting Type	Surface Mount
Settling Time	10µs (Typ)	INL/DNL (LSB)	±0.1, ±0.05
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI
Package / Case	16-SSOP (0.154", 3.90mm Width)	Base Product Number	MAX5258
Package	Tube	Architecture	String DAC
Output Type	Voltage - Buffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX5258EEE+

Product Attribute				
Part Number	MAX5258EEE+	MAX525AEPP	MAX525ACAP+T	MAX5253BCAP+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Reference Type	External	External	External	External
Package	Tube	Tube	Tape & Reel (TR)	Tube
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	0°C ~ 70°C	0°C ~ 70°C
Settling Time	10µs (Typ)	12µs (Typ)	12µs (Typ)	16µs (Typ)
Base Product Number	MAX5258	MAX525	MAX525	MAX5253
Number of Bits	8	12	12	12
Supplier Device Package	16-QSOP	20-PDIP	20-SSOP	20-SSOP
Voltage - Supply, Digital	5V	5V	5V	3V ~ 3.6V
Number of D/A Converters	8	4	4	4
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
INL/DNL (LSB)	±0.1, ±0.05	±0.25, ±1 (Max)	±0.25, ±1 (Max)	± 1 (Max), 1 (Max)
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Package / Case	16-SSOP (0.154", 3.90mm Width)	20-DIP (0.300', 7.62mm)	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)
Series	-	-	-	-
Differential Output	No	No	No	No
Voltage - Supply, Analog	5V	5V	5V	3V ~ 3.6V
Architecture	String DAC	R-2R	R-2R	R-2R
Data Interface	SPI	SPI	SPI	SPI

MAX5258EEE+ Datasheet PDF

Download MAX5258EEE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5258EEE+ - Analog Devices Inc./Maxim Integrated.

Datasheets

📄 MAX5258-59.pdf

Environmental Information

📄 Maxim Integrated REACH.pdf

📄 Maxim Integrated RoHS Cert.pdf

Part Numbering Guide

📄 Part Numbering System.pdf

■ Customers Also Interested in

Recommended Products

MAX525AEPP	**MAX525ACAP+T**	**MAX5253BCAP+**	**MAX525AEAP+T**	**MAX525BCAP**	**MAX525AEAP+**
Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 20DIP	IC DAC 12BIT V-OUT 20SSOP	IC DAC 12BIT V-OUT 20SSOP	IC DAC 12BIT V-OUT 20SSOP	IC DAC 12BIT V-OUT 20SSOP	IC DAC 12BIT V-OUT 20SSOP

MAX525AEAP	**MAX5253ACAP+T**	**MAX5250BEAP+T**	**MAX5253BEAP**	**MAX5253AEAP+T**	**MAX5258EEE**
Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
IC DAC 12BIT V-OUT 20SSOP	IC DAC 12BIT V-OUT 20SSOP	IC DAC 10BIT V-OUT 20SSOP	IC DAC 12BIT V-OUT 20SSOP	IC DAC 12BIT V-OUT 20SSOP	IC DAC 8BIT V-OUT 16QSOP

MAX5251BEAP+	**MAX5250BEAP+**	**MAX5253BEAP+T**	**MAX5258EEE+T**	**MAX5253BCAP+T**	**MAX5259EEE+**
Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
IC DAC 10BIT V-OUT 20SSOP	IC DAC 10BIT V-OUT 20SSOP	IC DAC 12BIT V-OUT 20SSOP	IC DAC 8BIT V-OUT 16QSOP	IC DAC 12BIT V-OUT 20SSOP	IC DAC 8BIT V-OUT 16QSOP

■ 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.

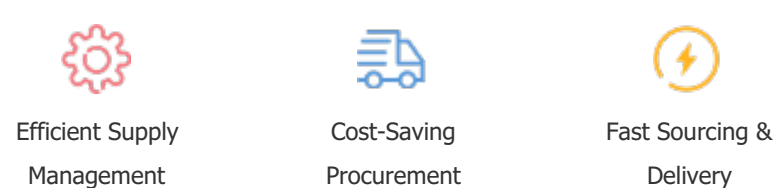Contact us if you have any questions.

Payment Support

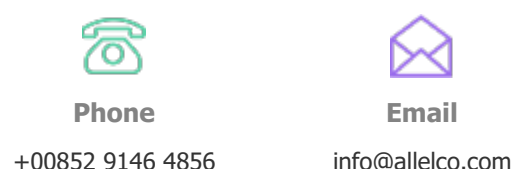The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.

EAST WEST BANK   MasterCard   VISA
WESTERN UNION   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

ISO MEDICAL DEVICES ISO 13485:2016   ISO CERTIFIED 9001:2015 COMPANY   ISO CERTIFIED 14001:2015 COMPANY

ISO 28000:2007   IPC Member   SMTA Surface Mount Technology Association

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