

DAC1658D1G5NLGA8



Part Number: [DAC1658D1G5NLGA8](#)

Manufacturer: [IDT \(Integrated Device Technology\)](#)

Description: IC DAC 16BIT DL 1.5GSPS 56VFQFPN

Data sheet:  [DAC1653D, 1658D](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	DAC1658D1G5NLGA8	Manufacturer	IDT (Integrated Device Technology)
Description	IC DAC 16BIT DL 1.5GSPS 56VFQFPN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2861 pcs	Data sheet	DAC1653D, 1658D
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	1.14 V ~ 1.26 V
Voltage - Supply, Analog	1.14 V ~ 1.26 V, 3.15 V ~ 3.45 V	Supplier Device Package	56-VFQFPN (8x8)
Settling Time	20ns (Typ)	Series	-
Reference Type	External, Internal	Packaging	Tape & Reel (TR)
Package / Case	56-VFQFN Exposed Pad	Output Type	Current - Unbuffered
Other Names	IDTDAC1658D1G5NLGA8 IDTDAC1658D1G5NLGA8-ND	Operating Temperature	-40°C ~ 85°C
Number of D/A Converters	2	Number of Bits	16
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	17 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
INL/DNL (LSB)	-	Differential Output	Yes
Detailed Description	16 Bit Digital to Analog Converter 2 56-VFQFPN (8x8)	Data Interface	JESD204B
Architecture	Oversampling Interpolating DAC		
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	Part#: DAC2900-EVM Description: EVAL MOD FOR DAC2900	Manufacturers: N/A	RFQ
	Part#: DAC1658D1G25NLGA Description: IC DAC 16BIT DL VQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: DAC1658D1G8NLGW8 Description: IC DAC 16BIT DL 1.8GSPS 56VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: DAC1658D1G25IQM-DB Description: BOARD DEMO FOR DAC1658D1G25IQM	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: DAC1654D1G25NAGA8 Description: IC DAC 16BIT HLA	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: DAC1658D1G8NLGW Description: IC DAC 16BIT DL 1.8GSPS 56VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: DAC1658Q1G5IQM-DB Description: BOARD DEMO FOR DAC1658Q1G5IQM	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: DAC1658Q1G5-DB Description: BOARD DEMO FOR DAC1658Q1G5	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: DAC2900Y/250 Description: IC DUAL 10-BIT D/A CONV 48-TQFP	Manufacturers: N/A	RFQ
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	Part#: DAC1658D1G5-DB Description: BOARD DEMO 16BIT DUAL DAC	Manufacturers: IDT (Integrated Device Technology)	RFQ

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