

DAC1653D1G5NLGA

IDT
Integrated Device TechnologyPart Number: [DAC1653D1G5NLGA](#)Manufacturer: [IDT \(Integrated Device Technology\)](#)

Description: IC DAC 16BIT DL 1.5GSPS 56VFQFPN

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

RoHS Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER

Part Number	DAC1653D1G5NLGA	Manufacturer	IDT (Integrated Device Technology)
Description	IC DAC 16BIT DL 1.5GSPS 56VFQFPN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2545 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, 2.7 V ~ 3.45 V	Supplier Device Package	56-VFQFPN (8x8)
Settling Time	20ns (Typ)	Series	-
Reference Type	External, Internal	Packaging	Tray
Package / Case	56-VFQFN Exposed Pad	Output Type	Current - Unbuffered
Other Names	IDTDAC1653D1G5NLGA IDTDAC1653D1G5NLGA-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)
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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