

DAC1208D650HN-C18

DAC1208D650HN-C18 Information



E-mail: salesdept@heisener.com

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



DAC1208D650HN-C18 Specifications

Manufacturer Part NumberDAC1208D650HN-C18ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package64-VFQFN Exposed PadSeries-Number of Bits12Number of D/A Converters2Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceI.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital.17 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital-Oversampling Interpolating DACOversampling Interpolating DACOperating Temperature64-VFQFN Exposed PadSupplier Device Package64-VFQFN (sys)Munting Type-		
CategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package64-VFQFN Exposed PadSeries-Number of Bits12Number of D/A Converters2Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceJESD204AReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital-ArchitectureOversampling Interpolating DACOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN (Sys)Mounting Type-	Manufacturer Part Number	DAC1208D650HN-C18
Data Acquisition - Digital to Analog Converters (DAC)Package64-VFQFN Exposed PadSeries-Number of Bits12Number of D/A Converters2Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceIESD204AReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital1.7 V ~ 1.9 VINL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature40°C ~ 85°CPackage / Case64-VFQFN (9x9)Mounting Type-	Manufacturer	IDT, Integrated Device Technology Inc
Package64-VFQFN Exposed PadSeries-Number of Bits12Number of D/A Converters2Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceIESD204AReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital1.7 V ~ 1.9 VINL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature44°C ~ 85°CPackage / Case64-VFQFN (9x9)Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits12Number of D/A Converters2Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceJESD204AReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital1.7 V ~ 1.9 VINL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature40°C ~ 85°CPackage / Case64-VFQFN Exposed PadSupplier Device Package64-VFQFN (9x9)Mounting Type-		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits12Number of D/A Converters2Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceJESD204AReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital.INL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature44º°C ~ 85°CPackage / Case64-VFQFPN (9x9)Mounting Type-	Package	64-VFQFN Exposed Pad
Number of D/A Converters2Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceJESD204AReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital1.7 V ~ 1.9 VINL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature44ºC ~ 85°CPackage / Case64-VFQFN (9x9)Mounting Type-	Series	-
Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceJESD204AReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital1.7 V ~ 1.9 VNL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature64-VFQFN Exposed PadSupplier Device Package64-VFQFN (9x9)Mounting Type-	Number of Bits	12
Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceJESD204AReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital1.7 V ~ 1.9 VINL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature64-VFQFN Exposed PadSupplier Device Package64-VFQFPN (9x9)Mounting Type-	Number of D/A Converters	2
InternalYesData InterfaceJESD204AReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital1.7 V ~ 1.9 VINL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFPN (9x9)Supplier Device Package64-VFQFPN (9x9)	Settling Time	20ns (Typ)
Data InterfaceJESD204AReference TypeInternalVoltage - Supply, Analog $1.7 V \sim 1.9 V, 3.13 V \sim 3.47 V$ Voltage - Supply, Digital $1.7 V \sim 1.9 V$ INL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Package / Case $64-VFQFN Exposed Pad$ Supplier Device Package $64-VFQFN (9x9)$	Output Type	Current - Unbuffered
Reference TypeInternalVoltage - Supply, Analog 1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital 1.7 V ~ 1.9 VINL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature -40° C ~ 85° CPackage / Case64-VFQFN Exposed PadSupplier Device Package -40° C PPN (9x9)Mounting Type-	Differential Output	Yes
Yoltage - Supply, Analog1.7 V ~ 1.9 V, 3.13 V ~ 3.47 VVoltage - Supply, Digital1.7 V ~ 1.9 VINL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed PadSupplier Device Package64-VFQFN (9x9)Mounting Type-	Data Interface	JESD204A
Voltage - Supply, Digital1.7 V ~ 1.9 VINL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed PadSupplier Device Package64-VFQFPN (9x9)Mounting Type-	Reference Type	Internal
INPY 20INL/DNL (LSB)-ArchitectureOversampling Interpolating DACOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed PadSupplier Device Package64-VFQFN (9x9)Mounting Type-	Voltage - Supply, Analog	1.7 V ~ 1.9 V, 3.13 V ~ 3.47 V
ArchitectureOversampling Interpolating DACOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed PadSupplier Device Package64-VFQFPN (9x9)Mounting Type-	Voltage - Supply, Digital	1.7 V ~ 1.9 V
Operating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed PadSupplier Device Package64-VFQFN (9x9)Mounting Type-	INL/DNL (LSB)	-
Package / Case64-VFQFN Exposed PadSupplier Device Package64-VFQFPN (9x9)Mounting Type-	Architecture	Oversampling Interpolating DAC
Supplier Device Package 64-VFQFPN (9x9) Mounting Type -	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	64-VFQFN Exposed Pad
	Supplier Device Package	64-VFQFPN (9x9)
Report errors?	Mounting Type	-
		Report errors

DAC1208D650HN-C18 Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

DAC1208D650HN-C18 Payment Methods



If you have any question about DAC1208D650HN-C18, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com