

LTC2656CCFE-L16#PBF

LTC2656CCFE-L16#PBF Information



For Reference Only

Part Number LTC2656CCFE-L16#PBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 16BIT SER 20-TSSOP

Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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LTC2656CCFE-L16#PBF Specifications

Manufacturer Part NumberLTC2656CCFE-L16#PBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Package20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Number of Bits16Number of D/A Converters8Settling Time8.9µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±6, ±0.3Architecture-Operating Temperature0°C ~ 70°CPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EPMounting Type-		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Number of Bits 16 Number of D/A Converters 8 Settling Time 8.9μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±6, ±0.3 Architecture - Operating Temperature 0°C ~ 70°C Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-TSSOP-EP	Manufacturer Part Number	LTC2656CCFE-L16#PBF
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Series - Number of Bits 16 Number of D/A Converters 8 Settling Time 8.9μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±6, ±0.3 Architecture - Operating Temperature 0°C ~ 70°C Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-TSSOP-EP		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits16Number of D/A Converters8Settling Time $8.9\mu s$ (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 6, \pm 0.3$ Architecture-Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173° , 4.40mm Width) Exposed PadSupplier Device Package 20-TSSOP-EP	Package	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
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Settling Time8.9μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±6, ±0.3Architecture-Operating Temperature0°C ~ 70°CPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Number of Bits	16
Output Type Differential Output No Data Interface Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case SPI External, Internal 2.7 V ~ 5.5 V 2.7 V ~ 5.5 V	Number of D/A Converters	8
Differential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 6, \pm 0.3$ Architecture-Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173° , 4.40mm Width) Exposed PadSupplier Device Package 20-TSSOP-EP	Settling Time	8.9µs (Typ)
Data InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 6, \pm 0.3$ Architecture-Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173° , 4.40mm Width) Exposed PadSupplier Device Package 20-TSSOP-EP	Output Type	Voltage - Buffered
Reference Type External, Internal	Differential Output	No
Voltage - Supply, Analog 2.7 V \sim 5.5 V Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) \pm 6, \pm 0.3 Architecture - Operating Temperature 0°C \sim 70°C Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-TSSOP-EP	Data Interface	SPI
Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) \pm 6, \pm 0.3 Architecture - Operating Temperature 0°C \sim 70°C Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-TSSOP-EP	Reference Type	External, Internal
INL/DNL (LSB) $\pm 6, \pm 0.3$ Architecture - Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-TSSOP-EP	Voltage - Supply, Analog	2.7 V ~ 5.5 V
Architecture - Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-TSSOP-EP	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package 20-TSSOP-EP	INL/DNL (LSB)	$\pm 6, \pm 0.3$
Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-TSSOP-EP	Architecture	-
Supplier Device Package 20-TSSOP-EP	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C}$
	Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Mounting Type -	Supplier Device Package	20-TSSOP-EP
	Mounting Type	-
Report errors's		Report errors?

LTC2656CCFE-L16#PBF 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.

LTC2656CCFE-L16#PBF Payment Methods



















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