

LTC2655BIGN-L16#TRPBF

LTC2655BIGN-L16#TRPBF Information



For Reference Only

Part Number LTC2655BIGN-L16#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 16BIT I2C/SRL 16SSOP **Package** 16-SSOP (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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LTC2655BIGN-L16#TRPBF Specifications

Manufacturer Part Number LTC2655BIGN-L16#TRPBF Manufacturer Linear Technology Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 16-SSOP (0.154", 3.90mm Width) Series - Number of Bits 16 Number of D/A Converters 4 Settling Time 9.1μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface 12C 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) ±2, ±0.3 Architecture - Operating Temperature -40°C ~ 85°C Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package 16-SSOP Mounting Type -		
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Number of D/A Converters Settling Time 9.1µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 42, ±0.3 Architecture Operating Temperature -40°C ~ 85°C Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package Mounting Type -	Series	-
Settling Time 9.1µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface I2C 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) ±2, ±0.3 Architecture - Operating Temperature -40°C ~ 85°C Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package Mounting Type -	Number of Bits	16
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±2, ±0.3Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-SSOPMounting Type-	Number of D/A Converters	4
Differential Output Data Interface Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 42, ±0.3 Architecture Operating Temperature -40°C ~ 85°C Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package Mounting Type -	Settling Time	9.1µs (Typ)
Data Interface Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital INL/DNL (LSB) 42, ±0.3 Architecture Operating Temperature Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package Mounting Type - I2C External, Internal 2.7 V ~ 5.5 V - V ~ 5.5 V - 10-S.5 V 10-S.5	Output Type	Voltage - Buffered
Reference 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) $\pm 2, \pm 0.3$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SSOP (0.154° , 3.90mm Width)Supplier Device Package 16-SSOP Mounting Type-	Differential Output	No
Voltage - 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) $\pm 2, \pm 0.3$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SSOP (0.154", 3.90mm Width)Supplier Device Package 16-SSOP Mounting Type-	Data Interface	I2C
Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) ± 2 , ± 0.3 Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package 16-SSOP Mounting Type -	Reference Type	External, Internal
INL/DNL (LSB) $\pm 2, \pm 0.3$ Architecture - $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package 16-SSOP - $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Voltage - Supply, Analog	2.7 V ~ 5.5 V
Architecture - Operating Temperature -40°C ~ 85°C Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package 16-SSOP Mounting Type -	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package 16-SSOP Mounting Type -	INL/DNL (LSB)	$\pm 2, \pm 0.3$
Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package 16-SSOP Mounting Type -	Architecture	-
Supplier Device Package 16-SSOP Mounting Type -	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	16-SSOP (0.154", 3.90mm Width)
	Supplier Device Package	16-SSOP
Report errors?	Mounting Type	-
		Report errors?

LTC2655BIGN-L16#TRPBF Guarantees



Ouality 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.

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LTC2655BIGN-L16#TRPBF Shipping Methods













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