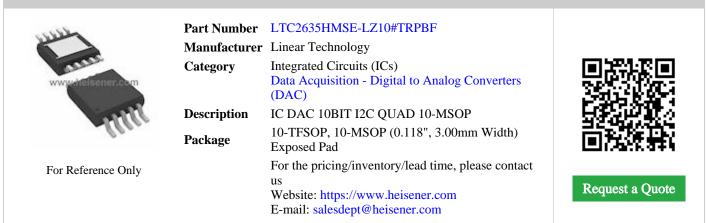


LTC2635HMSE-LZ10#TRPBF

LTC2635HMSE-LZ10#TRPBF Information



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.



LTC2635HMSE-LZ10#TRPBF Specifications

Manufacturer Linear Technology Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Series - Number of Bits 10 Number of D/A Converters 4 Setting Time 4.1µs (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 Voltage - Supply, Digital 4.0°C ~ 125°C Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad		
CategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Number of Bits10Number of D/A Converters4Setting Time4.1µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface12CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VVoltage - Supply, Digital-Operating Temperature-40°C ~ 125°CPackage / Case10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package-Mounting Type-	Manufacturer Part Number	LTC2635HMSE-LZ10#TRPBF
Data Acquisition - Digital to Analog Converters (DAC)Package10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Number of Bits10Number of D/A Converters4Settling Time4.1µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface12CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VNurbur Urbur-Operating Temperature-40°C ~ 125°CPackage / Case10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-EPMounting Type-	Manufacturer	Linear Technology
Package10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSeries-Number of Bits10Number of D/A Converters4Settling Time4.1µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package-Mounting Type-	Category	Integrated Circuits (ICs)
Series - Number of Bits 10 Number of D/A Converters 4 Settling Time 4.1µs (Typ) Output Type Voltage - Buffered Dufferential 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) ±0.2, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-EP Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits 10 Number of D/A Converters 4 Settling Time 4.1µs (Typ) Output Type Voltage - Buffered Dufferential 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) ±0.2, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case I0-MSOP (0.118", 3.00mm Width) Exposed Pad Supplier Device Package 10-MSOP-EP Mounting Type -	Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad
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Settling Time4.1µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package-Mounting Type-	Number of Bits	10
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package-Mounting Type-	Number of D/A Converters	4
Differential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package-Mounting Type-	Settling Time	4.1µs (Typ)
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Voltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-EPMounting Type-	Data Interface	I2C
Voltage - Supply, Digital2.7 V ~ 5.5 VNL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-EPMounting Type-	Reference Type	External, Internal
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Architecture-Operating Temperature-40°C ~ 125°CPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-EPMounting Type-	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature-40°C ~ 125°CPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-EPMounting Type-	INL/DNL (LSB)	±0.2, ±0.5 (Max)
Package / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-EPMounting Type-	Architecture	-
Supplier Device Package 10-MSOP-EP Mounting Type -	Operating Temperature	-40°C ~ 125°C
Mounting Type -	Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad
	Supplier Device Package	10-MSOP-EP
Report errors?	Mounting Type	-
1		Report errors ⁶

LTC2635HMSE-LZ10#TRPBF 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.



If you have any question about LTC2635HMSE-LZ10#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com