

## LTC2630ISC6-LM10#TRPBF

#### LTC2630ISC6-LM10#TRPBF Information



For Reference Only

Part Number LTC2630ISC6-LM10#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

**Description** IC DAC 10BIT R-R SC70-6 **Package** 6-VSSOP, SC-88, SOT-363

For the pricing/inventory/lead time, please contact

us

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



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### LTC2630ISC6-LM10#TRPBF Specifications

Manufacturer Part Number       LTC2630ISC6-LM10#TRPBF         Manufacturer       Linear Technology         Category       Integrated Circuits (ICs)         Data Acquisition - Digital to Analog Converters (DAC)         Package       6-VSSOP, SC-88, SOT-363         Series       -         Number of Bits       10         Number of D/A Converters       1         Settling Time       3.9μs (Typ)         Output Type       Voltage - Buffered         Differential Output       No         Data Interface       SPI         Reference Type       Internal, Supply         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 ~ 85°C         Package / Case       6-VSSOP, SC-88, SOT-363         Supplier Device Package       SC-70-6         Mounting Type       -		
Category         Integrated Circuits (ICs)           Data Acquisition - Digital to Analog Converters (DAC)           Package         6-VSSOP, SC-88, SOT-363           Series         -           Number of Bits         10           Number of D/A Converters         1           Settling Time         3.9μs (Typ)           Output Type         Voltage - Buffered           Differential Output         No           Data Interface         SPI           Reference Type         Internal, Supply           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 ~ 85°C           Package / Case         6-VSSOP, SC-88, SOT-363           Supplier Device Package         SC-70-6	Manufacturer Part Number	LTC2630ISC6-LM10#TRPBF
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Number of Bits 10   Number of D/A Converters 1   Settling Time 3.9 $\mu$ s (Typ)   Output Type Voltage - Buffered   Differential Output No   Data Interface SPI   Reference Type Internal, Supply   Voltage - Supply, Analog 2.7 V ~ 5.5 V   Voltage - Supply, Digital 2.7 V ~ 5.5 V   INL/DNL (LSB) $\pm 0.2, \pm 0.5$ (Max)   Architecture - Operating Temperature $-40^{\circ}$ C ~ 85°C   Package / Case 6-VSSOP, SC-88, SOT-363   Supplier Device Package SC-70-6	Package	6-VSSOP, SC-88, SOT-363
Number of D/A Converters1Settling Time3.9μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeInternal, SupplyVoltage - 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 ~ 85°CPackage / Case6-VSSOP, SC-88, SOT-363Supplier Device PackageSC-70-6	Series	-
Settling Time 3.9µs (Typ)  Output Type Voltage - Buffered  Differential Output No  Data Interface SPI  Reference Type Internal, Supply  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 ~ 85°C  Package / Case 6-VSSOP, SC-88, SOT-363  Supplier Device Package SC-70-6	Number of Bits	10
Output Type  Differential Output  No  Data Interface  SPI  Reference Type  Internal, Supply  Voltage - Supply, Analog  Voltage - Supply, Digital  2.7 V ~ 5.5 V  Voltage - Supply, Digital  2.7 V ~ 5.5 V  INL/DNL (LSB)  40.2, ±0.5 (Max)  Architecture  Operating Temperature  -40°C ~ 85°C  Package / Case  Supplier Device Package  SC-70-6	Number of D/A Converters	1
Differential OutputNoData InterfaceSPIReference TypeInternal, SupplyVoltage - 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) $\pm 0.2, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $6\text{-VSSOP, SC-88, SOT-363}$ Supplier Device PackageSC-70-6	Settling Time	3.9µs (Typ)
Data Interface SPI  Reference Type Internal, Supply  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 ~ 85°C  Package / Case 6-VSSOP, SC-88, SOT-363  Supplier Device Package SC-70-6	Output Type	Voltage - Buffered
Reference TypeInternal, SupplyVoltage - 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) $\pm 0.2, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $6\text{-VSSOP}$ , SC-88, SOT-363Supplier Device PackageSC-70-6	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) $\pm$ 0.2, $\pm$ 0.5 (Max) Architecture - Operating Temperature -40°C $\sim$ 85°C Package / Case 6-VSSOP, SC-88, SOT-363 Supplier Device Package SC-70-6	Data Interface	SPI
Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) $\pm 0.2, \pm 0.5$ (Max) Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $6\text{-VSSOP}, \text{SC-88}, \text{SOT-363}$ Supplier Device Package $\text{SC-70-6}$	Reference Type	Internal, Supply
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Voltage - Supply, Analog	2.7 V ~ 5.5 V
Architecture - Operating Temperature -40°C ~ 85°C Package / Case 6-VSSOP, SC-88, SOT-363 Supplier Device Package SC-70-6	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C  Package / Case 6-VSSOP, SC-88, SOT-363  Supplier Device Package SC-70-6	INL/DNL (LSB)	$\pm 0.2, \pm 0.5 (\text{Max})$
Package / Case 6-VSSOP, SC-88, SOT-363 Supplier Device Package SC-70-6	Architecture	-
Supplier Device Package SC-70-6	Operating Temperature	-40°C ~ 85°C
	Package / Case	6-VSSOP, SC-88, SOT-363
Mounting Type -	Supplier Device Package	SC-70-6
O JT	Mounting Type	-
Report errors?		Report errors?

#### LTC2630ISC6-LM10#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.

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### LTC2630ISC6-LM10#TRPBF Payment Methods



















## LTC2630ISC6-LM10#TRPBF Shipping Methods













If you have any question about LTC2630ISC6-LM10#TRPBF, please do not hesitate to contact us!

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