

LTC2645HMS-L10#TRPBF

LTC2645HMS-L10#TRPBF Information



For Reference Only

Part Number LTC2645HMS-L10#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 10-BIT VOUT 16MSOP **Package** 16-TFSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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



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LTC2645HMS-L10#TRPBF Specifications

Manufacturer Part Number LTC2645HMS-L10#TRPBF Manufacturer Linear Technology Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 16-TFSOP (0.118", 3.00mm Width) Series - Number of Bits 10 Number of D/A Converters 4 Settling Time 7.4μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface PWM 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 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package 16-MSOP Mounting Type -		
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Settling Time7.4μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfacePWMReference 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 / Case16-TFSOP (0.118", 3.00mm Width)Supplier Device Package16-MSOP	Number of Bits	10
Output Type Differential Output No Data Interface PWM Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package Voltage - Buffered No External, Internal 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V	Number of D/A Converters	4
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Settling Time	7.4µs (Typ)
Data Interface PWM 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 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package 16-MSOP	Output Type	Voltage - Buffered
Reference Type External, Internal 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) $\pm 0.2, \pm 0.5 \text{ (Max)}$ Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package 16-MSOP	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) $\pm 0.2, \pm 0.5 \text{ (Max)}$ Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package 16-MSOP	Data Interface	PWM
Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) $\pm 0.2, \pm 0.5$ (Max) Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package 16-MSOP	Reference Type	External, Internal
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Architecture - Operating Temperature -40°C ~ 125°C Package / Case 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package 16-MSOP	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature -40°C ~ 125°C Package / Case 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package 16-MSOP	INL/DNL (LSB)	$\pm 0.2, \pm 0.5 \text{ (Max)}$
Package / Case 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package 16-MSOP	Architecture	-
Supplier Device Package 16-MSOP	Operating Temperature	-40°C ~ 125°C
	Package / Case	16-TFSOP (0.118", 3.00mm Width)
Mounting Type -	Supplier Device Package	16-MSOP
	Mounting Type	-
Report errors?		Report errors?

LTC2645HMS-L10#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.

LTC2645HMS-L10#TRPBF Payment Methods





















LTC2645HMS-L10#TRPBF Shipping Methods













If you have any question about LTC2645HMS-L10#TRPBF, please do not hesitate to contact us!

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