

LTC2636HMS-LMI8#TRPBF

LTC2636HMS-LMI8#TRPBF Information



For Reference Only

Part Number LTC2636HMS-LMI8#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 8BIT OCTAL VOUT 16-MSOP **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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LTC2636HMS-LMI8#TRPBF Specifications

Manufacturer Part Number LTC2636HMS-LMI8#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 8 Number of D/A Converters 8 Settling Time 3.4μs (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) ±0.05, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case 16-TFSOP (0.118", 3.00mm Width) Supplier Device Package 16-MSOP		
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Number of D/A Converters8Settling Time $3.4\mu s$ (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) $\pm 0.05, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-TFSOP (0.118", 3.00mm Width)}$	Series	-
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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) $\pm 0.05, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-TFSOP (0.118", 3.00mm Width)}$	Number of D/A Converters	8
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Settling Time	3.4µs (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) $\pm 0.05, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-TFSOP (0.118", 3.00mm Width)}$	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) $\pm 0.05, \pm 0.5 \text{ (Max)}$ Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-TFSOP (0.118", 3.00mm Width)	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) $\pm 0.05, \pm 0.5$ (Max) Architecture -40°C \sim 125°C Package / Case 16-TFSOP (0.118", 3.00mm Width)	Data Interface	SPI
Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) $\pm 0.05, \pm 0.5$ (Max) Architecture - Operating Temperature -40°C \sim 125°C Package / Case 16-TFSOP (0.118", 3.00mm Width)	Reference Type	External, Internal
INL/DNL (LSB)	Voltage - Supply, Analog	2.7 V ~ 5.5 V
Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-TFSOP (0.118", 3.00mm Width)	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-TFSOP (0.118", 3.00mm Width)	INL/DNL (LSB)	$\pm 0.05, \pm 0.5 \text{ (Max)}$
Package / Case 16-TFSOP (0.118", 3.00mm Width)	Architecture	-
	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 16-MSOP	Package / Case	16-TFSOP (0.118", 3.00mm Width)
	Supplier Device Package	16-MSOP
Mounting Type -	Mounting Type	-
Report errors?		Report errors?

LTC2636HMS-LMI8#TRPBF Guarantees



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Service Guarantees

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Our experienced sales team and tech support team back our services to satisfy all our customers.

LTC2636HMS-LMI8#TRPBF Payment Methods



















LTC2636HMS-LMI8#TRPBF Shipping Methods













If you have any question about LTC2636HMS-LMI8#TRPBF, please do not hesitate to contact us!

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