



Image may be representation.
See specifications for product details.



LTC1871HMS

Manufacturer Part Number	LTC1871HMS
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-LTC1871HMS
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR MULT TOP 10MSOP
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	LTC1871HMS.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LTC1871HMS - Analog Devices Inc..New Original in Stock. Download Linear Technology LTC1871HMS datasheet/specifications on AllelcoElec.com.
Request a quote for LTC1871HMS, please send us email: info@allelco.com

Specifications

LTC1871HMS Tech Specifications

LTC1871HMS - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Output Configuration	Positive or Negative
Voltage - Supply (Vcc/Vdd)	2.5V ~ 36V	Operating Temperature	-40°C ~ 150°C
Topology	Boost, Flyback, SEPIC	Number of Outputs	1
Synchronous Rectifier	No	Mounting Type	Surface Mount
Supplier Device Package	10-MSOP	Function	Step-Up, Step-Up/Step-Down
Series	-	Frequency - Switching	50kHz ~ 1MHz
Serial Interfaces	-	Duty Cycle (Max)	92%
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Control Features	Enable, Frequency Control
Package	Tube	Clock Sync	Yes
Output Type	Transistor Driver	Base Product Number	LTC1871
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. LTC1871HMS

Product Attribute				
Part Number	LTC1871HMS	LTC1871IMS#TRPBF	LTC1871EMS-1#TRPBF	LTC1871EMS
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Linear Technology
Clock Sync	Yes	Yes	Yes	Yes
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Voltage - Supply (Vcc/Vdd)	2.5V ~ 36V	2.5V ~ 36V	2.5V ~ 36V	2.5V ~ 36V
Series	-	-	-	-
Output Phases	1	1	1	1
Output Configuration	Positive or Negative	Positive or Negative	Positive or Negative	Positive or Negative
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Number of Outputs	1	1	1	1
Frequency - Switching	50kHz ~ 1MHz	50kHz ~ 1MHz	50kHz ~ 1MHz	300kHz, 50kHz ~ 1MHz
Serial Interfaces	-	-	-	-
Synchronous Rectifier	No	No	No	No
Supplier Device Package	10-MSOP	10-MSOP	10-MSOP	10-MSOP
Control Features	Enable, Frequency Control	Enable, Frequency Control	Enable, Frequency Control	Enable, Frequency Control
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 150°C	-40°C ~ 125°C (TJ)	-40°C ~ 85°C (TA)	-40°C ~ 85°C
Duty Cycle (Max)	92%	92%	92%	92%
Base Product Number	LTC1871	LTC1871	LTC1871	LTC1871
Function	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down
Topology	Boost, Flyback, SEPIC	Boost, Flyback, SEPIC	Boost, Flyback, SEPIC	Boost, Flyback, SEPIC

LTC1871HMS Datasheet PDF

Download LTC1871HMS pdf datasheets and Analog Devices Inc. documentation for LTC1871HMS - Analog Devices Inc..

PCN Design/Specification

Mult Dev 11/Oct/2022.pdf



















PCN Obsolescence/ EOL

Mult Dev EOL 16/Aug/2021.pdf

Mult Parts EOL 08/Sep/2020.pdf

Customers Also Interested in

Recommended Products

					
LTC1871IMS#TRPBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP	LTC1871EMS-1#TRPBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP	LTC1871IMS#3CFPBF Linear Technology / Analog Devices	LTC1871IMS#TRPBF-ES LTPB-FREE	LTC1871EMS Linear Technology LTC1871EMS - WIDE INPUT RANGE, F	LTC1871HMS#TRPBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP
					
LTC1871EMS-1 Linear Technology / Analog Devices	LTC1871IMS Linear Technology / Analog Devices	LTC1871IMS#PBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP	LTC1871IMS-1#PBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP	LTC1871HMS#PBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP	LTC1871EMS#TRPBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP
					
LTC1871EMS#TR Linear Technology / Analog Devices	LTC1871EMS-7 Linear Technology / Analog Devices	LTC1871IMS-1#TRPBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP	LTC1871EMS-7#TRPBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP	LTC1871EMS-7#PBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP	LTC1871EMS#PBF Analog Devices Inc. IC REG CTRLR MULT TOP 10MSOP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support



The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
+00852 9146 4856
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info@allelco.com

Certifications & Memberships



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