

Image may be representation.
See specifications for product details.



LTC3828EUH

Manufacturer Part Number	LTC3828EUH
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-LTC3828EUH
ECAD Model	Request Free CAD Models
Parts Description	IC POWER MANAGEMENT
Package	32-WFQFN Exposed Pad
Data sheet	LTC3828EUH.pdf

[Get a Quote](#)

LTC3828EUH - Analog Devices Inc..New Original in Stock. Download Linear Technology LTC3828EUH datasheet/specifications on AllelcoElec.com.
Request a quote for LTC3828EUH, please send us email: info@allelco.com

Specifications

LTC3828EUH Tech Specifications

LTC3828EUH - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	4.5V ~ 28V	Operating Temperature	-40°C ~ 85°C (TA)
Topology	Buck	Number of Outputs	2
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	32-QFN (5x5)	Function	Step-Down
Series	-	Frequency - Switching	260kHz ~ 550kHz
Serial Interfaces	-	Duty Cycle (Max)	99.4%
Package / Case	32-WFQFN Exposed Pad	Control Features	Enable, Phase Control, Power Good, Tracking
Package	Tube	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	LTC3828
Output Phases	2		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. LTC3828EUH

Product Attribute				
Part Number	LTC3828EUH	LTC3829EUHF#PBF	LTC3830-1ES8#PBF	LTC3828EG#PBF
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Linear Technology
Package / Case	32-WFQFN Exposed Pad	38-WFQFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	28-SSOP (0.209", 5.30mm Width)
Voltage - Supply (Vcc/Vdd)	4.5V ~ 28V	4.5V ~ 38V	3V ~ 8V	4.5V ~ 28V
Function	Step-Down	Step-Down	Step-Down	Step-Down
Clock Sync	No	No	No	Yes
Duty Cycle (Max)	99.4%	94%	95%	99.4%
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive
Topology	Buck	Buck	Buck	Buck
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TJ)	-40°C ~ 85°C (TA)	-40°C ~ 85°C
Series	-	PolyPhase®	-	-
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Output Phases	2	3	1	2
Serial Interfaces	-	-	-	-
Number of Outputs	2	3	1	2
Frequency - Switching	260kHz ~ 550kHz	250kHz ~ 770kHz	200kHz	260kHz ~ 550kHz
Base Product Number	LTC3828	LTC3829	LTC3830	LTC3828
Supplier Device Package	32-QFN (5x5)	38-QFN (5x7)	8-SO	28-SSOP
Package	Tube	Tube	Tube	Bulk
Control Features	Enable, Phase Control, Power Good, Tracking	Current Limit, Enable, Frequency Control, Power Good, Soft Start, Tracking	Current Limit, Enable, Frequency Control, Soft Start	Current Limit, Dead Time Control, Enable, Frequency Control, Power Good, Soft Start, Tracking
Synchronous Rectifier	Yes	Yes	Yes	Yes

LTC3828EUH Datasheet PDF

Download LTC3828EUH pdf datasheets and Analog Devices Inc. documentation for LTC3828EUH - Analog Devices Inc..

PCN Obsolescence/ EOL

Mult Devices OBS 30/Apr/2018.pdf

Customers Also Interested in

Recommended Products



LTC3827IG-1

Linear Technology / Analog Devices



LTC3829EUHF#PBF

Analog Devices Inc.
IC REG CTRLR BUCK 38QFN



LTC3830-1ES8#PBF

Analog Devices Inc.
IC REG CTRLR BUCK 85QIC



LTC3828EG

Linear Technology / Analog Devices



LTC3827IG-1#TRPBF

Linear Technology / Analog Devices

LTC3828EG#PBF

Linear Technology
LTC3828 - DUAL, 2-PHASE CONTROLL



LTC3829IUHF#TRPBF

Analog Devices Inc.
IC REG CTRLR BUCK 38QFN



LTC3828EG#TRPBF

Analog Devices Inc.
IC REG CTRLR BUCK 28SSOP



LTC3829EUHF#TRPBF

Analog Devices Inc.
IC REG CTRLR BUCK 38QFN



LTC3830-1ES8#PBF

Linear Technology
STEP-DOWN DC/DC CONTROLLERS



LTC3827IUH

Linear Technology / Analog Devices



LTC3830-1ES8#TRPBF

Analog Devices Inc.
IC REG CTRLR BUCK 85QIC



LTC3827IG-1#PBF

Analog Devices Inc.
IC REG CTRLR BUCK 28SSOP



LTC3828EG#PBF

Analog Devices Inc.
IC REG CTRLR BUCK 28SSOP



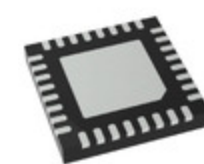
LTC3827IUH#TRPBF

Analog Devices Inc.
IC REG CTRLR BUCK 32QFN



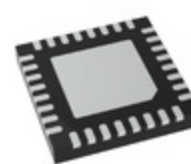
LTC3827IG-1#TRPBF

Analog Devices Inc.
IC REG CTRLR BUCK 28SSOP



LTC3828EUH#PBF

Analog Devices Inc.
IC REG CTRLR BUCK 32QFN



LTC3828EUH#TRPBF

Analog Devices Inc.
IC REG CTRLR BUCK 32QFN

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



Email

info@allelco.com

Certifications & Memberships



View More