

Image may be representation.
See specifications for product details.



LT3790EFE

Manufacturer Part Number	LT3790EFE
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-LT3790EFE
ECAD Model	Request Free CAD Models
Parts Description	IC REGULATOR
Package	38-TFSOP (0.173", 4.40mm Width) Exposed Pad
Data sheet	LT3790EFE.pdf

Get a Quote

LT3790EFE - Analog Devices Inc..New Original in Stock. Download Linear Technology LT3790EFE datasheet/specifications on AllelcoElec.com.
Request a quote for LT3790EFE, please send us email: info@allelco.com

Specifications

LT3790EFE Tech Specifications
LT3790EFE - 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)	4.7V ~ 60V	Operating Temperature	-40°C ~ 125°C
Topology	Buck-Boost	Number of Outputs	2
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	38-TSSOP-EP	Function	Step-Up/Step-Down
Series	-	Frequency - Switching	200kHz ~ 700kHz
Serial Interfaces	-	Duty Cycle (Max)	-
Package / Case	38-TFSOP (0.173", 4.40mm Width) Exposed Pad	Control Features	Enable, Frequency Control, Soft Start
Package	Tube	Clock Sync	Yes
Output Type	Transistor Driver	Base Product Number	LT3790
Output Phases	2		

Parts with Similar Specifications

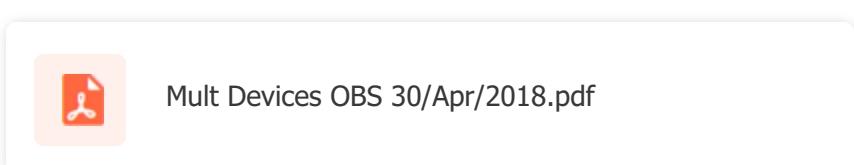
The three parts on the right have similar specifications to Analog Devices Inc. LT3790EFE

Product Attribute				
Part Number	LT3790EFE	LT3782AEFE#TRPBF	LT3791EFE-1#TRPBF	LT3782EFE#PBF
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Serial Interfaces	-	-	-	-
Synchronous Rectifier	Yes	Yes	Yes	Yes
Number of Outputs	2	2	2	2
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Output Phases	2	2	2	2
Clock Sync	Yes	Yes	Yes	Yes
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive
Control Features	Enable, Frequency Control, Soft Start	Enable, Frequency Control, Reset, Soft Start	Enable, Frequency Control, Soft Start	Enable, Reset, Soft Start
Function	Step-Up/Step-Down	Step-Up	Step-Up/Step-Down	Step-Up
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Duty Cycle (Max)	-	94%	-	94%
Frequency - Switching	200kHz ~ 700kHz	154kHz ~ 465kHz	200kHz ~ 700kHz	154kHz ~ 465kHz
Voltage - Supply (Vcc/Vdd)	4.7V ~ 60V	6V ~ 40V	4.7V ~ 60V	6V ~ 40V
Topology	Buck-Boost	Boost	Buck-Boost	Boost
Series	-	-	-	-
Base Product Number	LT3790	LT3782	LT3791	LT3782
Package / Case	38-TFSOP (0.173", 4.40mm Width) Exposed Pad	28-TSSOP (0.173", 4.40mm Width) Exposed Pad	38-TFSOP (0.173", 4.40mm Width) Exposed Pad	28-TSSOP (0.173", 4.40mm Width) Exposed Pad
Supplier Device Package	38-TSSOP-EP	28-TSSOP-EP	38-TSSOP-EP	28-TSSOP-EP
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)

LT3790EFE Datasheet PDF
















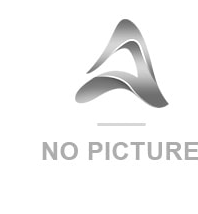


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PCN Obsolescence/ EOL



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Recommended Products

 LT3782AEFE#TRPBF Analog Devices Inc. IC REG CTRLR BOOST 28TSSOP	 LT3791EFE-1#TRPBF Analog Devices Inc. IC REG CTRLR BUCK-BOOST 38TSSOP	 LT3782EFE#PBF Analog Devices Inc. IC REG CTRLR BOOST 28TSSOP	 LT3782IFE#PBF Analog Devices Inc. IC REG CTRLR BOOST 28TSSOP	 LT3790IFE#TRPBF Analog Devices Inc. IC REG CTRLR BUCK-BOOST 38TSSOP	 LT3790EFE#TRPBF Analog Devices Inc. IC REG CTRLR BUCK-BOOST 38TSSOP
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 LT3791IFE-1#PBF Analog Devices Inc. IC REG CTRLR BUCK-BOOST 38TSSOP	 LT3790HFE#TRPBF Analog Devices Inc. IC REG CTRLR BUCK-BOOST 38TSSOP	 LT3782AIFE#PBF Analog Devices Inc. IC REG CTRLR BOOST 28TSSOP	 LT3782AFE LT	 LT3791EFE#PBF Analog Devices Inc. IC LED DRIVER CTRLR PWM 38TSSOP	 LT3782EFE Analog Devices Inc. IC REGULATOR

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.



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 Cost-Saving Procurement
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Contact us if you have any questions.

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