

Image may be representation.
See specifications for product details.



TLE83862ELXUMA1

Manufacturer Part Number	TLE83862ELXUMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-TLE83862ELXUMA1
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR BOOST 14-SSOP
Package	14-LSSOP (0.154', 3.90mm Width) Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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TLE83862ELXUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology TLE83862ELXUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for TLE83862ELXUMA1, please send us email: info@allelco.com

Specifications

TLE83862ELXUMA1 Tech Specifications
TLE83862ELXUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	4.75V ~ 45V	Operating Temperature	-40°C ~ 150°C (TJ)
Topology	Boost	Number of Outputs	1
Synchronous Rectifier	No	Mounting Type	Surface Mount
Supplier Device Package	PG-SSOP-14-EP	Function	Step-Up
Series	-	Frequency - Switching	100kHz ~ 700kHz
Serial Interfaces	-	Duty Cycle (Max)	93%
Package / Case	14-LSSOP (0.154', 3.90mm Width) Exposed Pad	Control Features	Enable, Frequency Control, Soft Start
Package	Tape & Reel (TR)	Clock Sync	Yes
Output Type	Transistor Driver	Base Product Number	TLE83862
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE83862ELXUMA1

Product Attribute				
Part Number	TLE83862ELXUMA1	TLE8444SL	TLE8457A	TLE84106EL
Manufacturer	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)
Synchronous Rectifier	No	-	-	-
Output Phases	1	-	-	-
Supplier Device Package	PG-SSOP-14-EP	-	-	-
Function	Step-Up	-	-	-
Topology	Boost	-	-	-
Output Configuration	Positive	-	-	-
Frequency - Switching	100kHz ~ 700kHz	-	-	-
Clock Sync	Yes	-	-	-
Control Features	Enable, Frequency Control, Soft Start	-	-	-
Package / Case	14-LSSOP (0.154', 3.90mm Width) Exposed Pad	-	-	-
Package	Tape & Reel (TR)	-	-	-
Series	-	-	-	-
Duty Cycle (Max)	93%	-	-	-
Serial Interfaces	-	-	-	-
Number of Outputs	1	-	-	-
Output Type	Transistor Driver	-	-	-
Mounting Type	Surface Mount	-	-	-
Base Product Number	TLE83862	-	-	-
Operating Temperature	-40°C ~ 150°C (TJ)	-	-	-
Voltage - Supply (Vcc/Vdd)	4.75V ~ 45V	-	-	-

TLE83862ELXUMA1 Datasheet PDF

Download TLE83862ELXUMA1 pdf datasheets and Infineon Technologies documentation for TLE83862ELXUMA1 - Infineon Technologies.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[Part Number Guide.pdf](#)

PCN Packaging



Mult Dev Cover Tape Chg 13/Jul/2022.pdf



330mm Reel Pkg Chg 3/Aug/2018.pdf

PCN Design/Specification



TLE8386 DS Update 17/Jan/2022.pdf

Customers Also Interested in

Recommended Products



TLE8444SL

Cypress Semiconductor
(Infineon Technologies)



TLE8457A

Cypress Semiconductor
(Infineon Technologies)



TLE84106EL

Cypress Semiconductor
(Infineon Technologies)



TLE8300A13

Cypress Semiconductor
(Infineon Technologies)



TLE8366EV33

Cypress Semiconductor
(Infineon Technologies)



TLE84106ELXUMA1

Infineon Technologies
IC HALF BRIDGE DRIVER 24SSOP



TLE84106SL

Cypress Semiconductor
(Infineon Technologies)



TLE8366EV50

Cypress Semiconductor
(Infineon Technologies)



TLE8366EV50XUMA1

Infineon Technologies
IC REG BUCK 5V 1.8A 8DSO



TLE84110EL

Cypress Semiconductor
(Infineon Technologies)



TLE8264E

INF



TLE8366E V50

Cypress Semiconductor
(Infineon Technologies)



TLE8366EV

Cypress Semiconductor
(Infineon Technologies)



TLE8386

Cypress Semiconductor
(Infineon Technologies)



TLE8264-2E

Cypress Semiconductor
(Infineon Technologies)



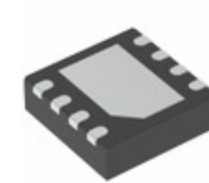
TLE8457ALE

Cypress Semiconductor
(Infineon Technologies)



TLE84110ELXUMA1

Infineon Technologies
IC HALF BRIDGE DRIVER 24SSOP



TLE8457ALEXUMA1

Infineon Technologies
IC TRANSCEIVER 1/1 TSON-8

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

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Email

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Certifications & Memberships



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