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See specifications for product details.

LT1764AEQ-2.5

Manufacturer Part Number	LT1764AEQ-2.5
Manufacturer	Linear Technology
Allelco Part Number	32D-LT1764AEQ-2.5
ECAD Model	Request Free CAD Models
Parts Description	LT1764 - FAST TRANSIENT RESPONSE
Package	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA
Data sheet	LT1764A Datasheet.pdf

Get a Quote

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Specifications

LT1764AEQ-2.5 Tech Specifications

LT1764AEQ-2.5 - Linear Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Linear Technology	PSRR	63dB (120Hz)
Voltage Dropout (Max)	0.66V @ 3A	Output Type	Fixed
Voltage - Output (Min/Fixed)	2.5V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	20V	Number of Regulators	1
Supplier Device Package	5-DDPAK	Mounting Type	Surface Mount
Series	-	Current - Supply (Max)	200 mA
Protection Features	Over Current, Over Temperature, Reverse Polarity	Current - Quiescent (Iq)	1.5 mA
Package / Case	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA	Current - Output	3A
Package	Bulk	Control Features	Enable

Parts with Similar Specifications

The three parts on the right have similar specifications to Linear Technology LT1764AEQ-2.5

Product Attribute				
Part Number	LT1764AEQ-2.5	LT1764AEQ-1.8#TRPBF	LT1764AEQ-2.5#TRPBF	LT1764AEQ-1.5#TRPBF
Manufacturer	Linear Technology	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Protection Features	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity
Series	-	-	-	-
Current - Quiescent (Iq)	1.5 mA	1.5 mA	1.5 mA	1.5 mA
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Output Type	Fixed	Fixed	Fixed	Fixed
PSRR	63dB (120Hz)	63dB (120Hz)	63dB (120Hz)	63dB (120Hz)
Voltage Dropout (Max)	0.66V @ 3A	0.66V @ 3A	0.66V @ 3A	0.66V @ 3A
Number of Regulators	1	1	1	1
Control Features	Enable	Enable	Enable	Enable
Voltage - Output (Max)	-	-	-	-
Current - Supply (Max)	200 mA	200 mA	200 mA	200 mA
Package / Case	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	5-DDPAK	5-DDPAK	5-DDPAK	5-DDPAK
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Min/Fixed)	2.5V	1.8V	2.5V	1.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output	3A	3A	3A	3A
Voltage - Input (Max)	20V	20V	20V	20V

LT1764AEQ-2.5 Datasheet PDF


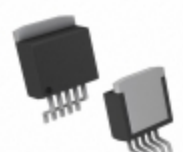
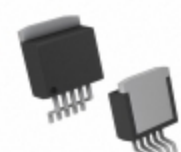
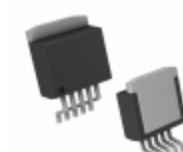

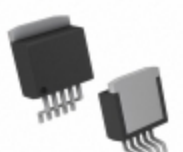

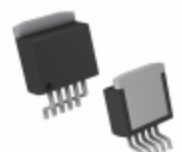
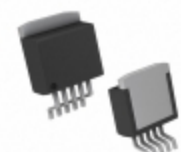
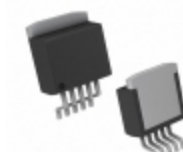


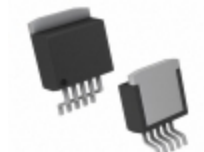
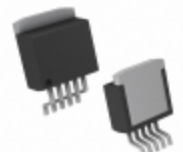

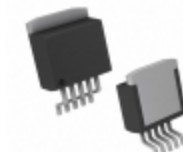


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Datasheets

LT1764A Datasheet.pdf

Customers Also Interested in

Recommended Products

 LT1764AEQ-ADJ Linear Technology / Analog Devices	 LT1764AEQ-1.8#TRPBF Analog Devices Inc. IC REG LINEAR 1.8V 3A 5DDPAK	 LT1764AEQ-2.5#TRPBF Analog Devices Inc. IC REG LINEAR 2.5V 3A 5DDPAK	 LT1764AEQ-1.5#TRPBF Analog Devices Inc. IC REG LINEAR 1.5V 3A 5DDPAK	 LT1764AEQ-1.5 LT	 LT1764AEQ#PBF Analog Devices Inc. IC REG LINEAR POS ADJ 3A 5DDPAK
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 LT1764AEQ#TRPBF Analog Devices Inc. IC REG LINEAR POS ADJ 3A 5DDPAK	 LT1764AEQ-3.3#TRPBF Analog Devices Inc. IC REG LINEAR 3.3V 3A 5DDPAK	 LT1764AEQ ADI (Analog Devices, Inc.)	 LT1764AEQ-1.5#PBF Analog Devices Inc. IC REG LINEAR 1.5V 3A 5DDPAK	 LT1764AEQ-3.3 Linear Technology / Analog Devices	 LT1764AET#PBF Analog Devices Inc. IC REG LINEAR 1.21V 3A TO220-5

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.

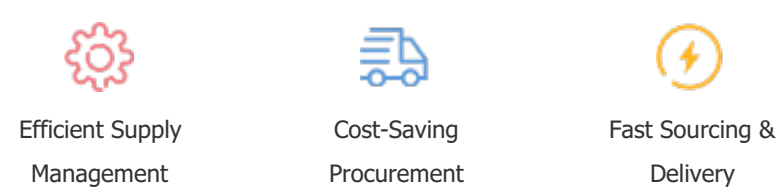
Contact us if you have any questions.

Payment Support

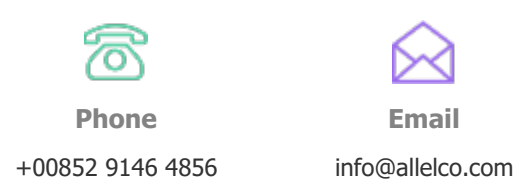
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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Certifications & Memberships



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