

Image may be representation.  
See specifications for product details.



## LP3874ESX-ADJ

Manufacturer Part Number	<b>LP3874ESX-ADJ</b>
Manufacturer	<b>Texas Instruments</b>
Allelco Part Number	32D-LP3874ESX-ADJ
ECAD Model	Request Free CAD Models
Parts Description	IC REG LIN POS ADJ 800MA DDPAK
Package	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA
Data sheet	LP3874ESX-ADJ.pdf

[Get a Quote](#)

LP3874ESX-ADJ - Texas Instruments. New Original in Stock. Download Linear Technology LP3874ESX-ADJ datasheet/specifications on AllelcoElec.com.  
Request a quote for LP3874ESX-ADJ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LP3874ESX-ADJ Tech Specifications  
LP3874ESX-ADJ - Texas Instruments technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Texas Instruments	Output Type	Adjustable
Voltage Dropout (Max)	0.35V @ 800mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	1.2V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	6.6V	Number of Regulators	1
Voltage - Input (Max)	7V	Mounting Type	Surface Mount
Supplier Device Package	DDPAK/TO-263-5	Current - Supply (Max)	15 mA
Series	-	Current - Quiescent (Iq)	9 mA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	800mA
Package / Case	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	LP3874
PSRR	73dB ~ 57dB (120Hz)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Texas Instruments LP3874ESX-ADJ

Product Attribute				
Part Number	LP3874ESX-ADJ	LP3874ESX-3.3	LP3875EMP-2.5	LP3874ES-2.5
Manufacturer	Texas Instruments	Texas Instruments	Texas Instruments	Texas Instruments
Protection Features	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit
Voltage Dropout (Max)	0.35V @ 800mA	0.35V @ 800mA	0.55V @ 1.5A	0.35V @ 800mA
Number of Regulators	1	1	1	1
Control Features	Enable	Enable	Enable	Enable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive
Output Type	Adjustable	Fixed	Fixed	Fixed
Voltage - Input (Max)	7V	7V	7V	7V
Voltage - Output (Min/Fixed)	1.2V	3.3V	2.5V	2.5V
Package / Case	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA	TO-261-5, TO-261AB	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA
PSRR	73dB ~ 57dB (120Hz)	73dB ~ 57dB (120Hz)	73dB ~ 57dB (120Hz)	73dB ~ 57dB (120Hz)
Current - Quiescent (Iq)	9 mA	9 mA	5 mA	9 mA
Current - Output	800mA	800mA	1.5A	800mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Supplier Device Package	DDPAK/TO-263-5	DDPAK/TO-263-5	SOT-223-5	DDPAK/TO-263-5
Series	-	-	-	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Supply (Max)	15 mA	15 mA	15 mA	15 mA
Base Product Number	LP3874	LP3874	LP3875	LP3874
Voltage - Output (Max)	6.6V	-	-	-

### Customers Also Interested in

#### Recommended Products



**LP3874ESX-3.3**

Texas Instruments  
IC REG LINEAR 3.3V 800MA DDPAK



**LP3875EMP-2.5**

Texas Instruments  
IC REG LINEAR 2.5V 1.5A SOT223-5



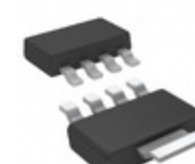
**LP3874ES-2.5**

Texas Instruments  
IC REG LINEAR 2.5V 800MA DDPAK



**LP3875EMP-5.0**

Texas Instruments  
IC REG LINEAR 5V 1.5A SOT223-5



**LP3875EMP-3.3**

Texas Instruments  
IC REG LINEAR 3.3V 1.5A SOT223-5



**LP3874EMPX-5.0**

Texas Instruments  
IC REG LINEAR 5V 800MA SOT223-5

					
<b>LP3875EMP-1.8</b> Texas Instruments IC REG LINEAR 1.8V 1.5A SOT223-5	<b>LP3874ESX-5.0</b> Texas Instruments IC REG LIN 5V 800MA DPAK/TO263	<b>LP3874EMPX-ADJ</b> Texas Instruments IC REG LIN POS ADJ 800MA SOT223	<b>LP3874ES-1.8</b> NS	<b>LP3875EMPX-1.8</b> NS	<b>LP3874EMPX-3.3</b> Texas Instruments IC REG LIN 3.3V 800MA SOT223-5
					
<b>LP3874ES-3.3</b> Texas Instruments IC REG LINEAR 3.3V 800MA DPAK	<b>LP3874ES-5.0</b> NS	<b>LP3875EMP-ADJ</b> Texas Instruments IC REG LIN POS ADJ 1.5A SOT223-5	<b>LP3874ET-2.5</b> NATIONAL/TI	<b>LP3874ES-ADJ</b> Texas Instruments IC REG LIN POS ADJ 800MA DPAK	<b>LP3875EMPX-2.5</b> NS

## 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.

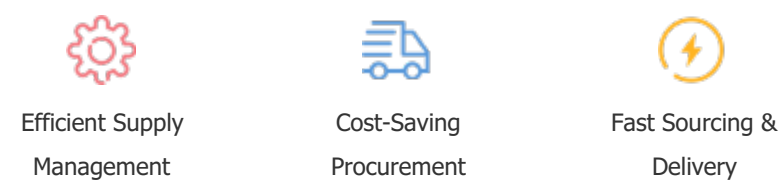
Contact us if you have any questions.

## 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.



## Certifications & Memberships



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### Contact us

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