



Image may be representation. See specifications for product details.



## L78L06ABUTR

ECAD Model

Package

Parts Description

L78L06ABUTR Manufacturer Part Number

Manufacturer **STMicroelectronics** 

Allelco Part Number 32D-L78L06ABUTR

PCB Symbol, Footprint & 3D Mode

IC REG LINEAR 6V 100MA SOT89-3

L78L Datasheet.pdf

TO-243AA

L78L Datasheet.pdf Data sheet

ROHS3 Compliant RoHs Status

**Get a Quote** 

L78L06ABUTR - STMicroelectronics.New Original in Stock. Download Linear Technology L78L06ABUTR datasheet/specifications on AllelcoElec.com. Request a quote for L78L06ABUTR, please send us email: info@allelco.com

### Specifications

L78L06ABUTR Tech Specifications

L78L06ABUTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	-	Output Configuration	Positive
Voltage - Output (Min/Fixed)	6V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	30V	Mounting Type	Surface Mount
Supplier Device Package	SOT-89-3	Current - Supply (Max)	6 mA
Series	-	Current - Quiescent (Iq)	5.5 mA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	100mA
Package / Case	TO-243AA	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	L78L06
PSRR	46dB (120Hz)		

## **Parts with Similar Specifications**

The three parts on the right have similar specifications to STMicroelectronics L78L06ABUTR

Product Altribude   Local Column   Local Co					
Manufacturer   STMoraelectroncs   STMoraelectronce   STMoraelectroncs   STMoraelectronce   Over Current, Over Temperature, Short Circuit   Startic Mount   Stort Current, Over Temperature, Short Circuit   Over Current, Over Temperature, Short Circuit   Over Current, Over Temperature, Short Circuit   Stort Genetic Mount   Stort Current, Over Temperature, Short Circuit   Over Current, Over Temperature, Short Circuit   Stort Genetic Mount   Stort Current, Over Temperature, Short Circuit   Over Current, Over Temperature, Short Circuit   Over Current, Over Temperature, Short Circuit   Stort Genetic Mount   Stort Genetic Mount   Stort Genetic Mo	Product Attribute				
Number of Regulators   1   1   1   1     Current - Supply (Max)   6 mA   6 mA   6 mA   6 mA   6 mA     Protection Features   Over Current, Over Temperature, Short Circuit   Surface Maunt   Surface Maunt <t< td=""><td>Part Number</td><td>L78L06ABUTR</td><td>L78L08ABD13TR</td><td>L78L05CD13TR</td><td>L78L06ACD</td></t<>	Part Number	L78L06ABUTR	L78L08ABD13TR	L78L05CD13TR	L78L06ACD
Current - Supply (Max)   6 n/h   9   6 n/h   9	Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Protection Features   Over Current, Over Temperature, Short Circuit   Over Current, Over Temperature, Short Circuit   Over Current, Over Temperature, Short Circuit     Mounting Type   Surface Mount   Surface Mou	Number of Regulators	1	1	1	1
Mounting Type   Surface Mount   Surface Mount   Surface Mount   Surface Mount     Voltage - Tuput (Hax)   30V   30V   30V   30V     Voltage - Output (Hin/Fixed)   6V   8V   SV   6V     Current - Output   100mA   100mA   100mA   100mA   100mA     Output Type   Fxed   F	Current - Supply (Max)	6 mA	6 mA	6 mA	6 mA
Voltage - Input (Max)   30V   30V   30V   30V   30V   30V   40V   30V   40V   30V   40V	Protection Features	Over Current, Over Temperature, Short Circuit			
Voltage - Output (Min/Fixed)   6V   8V   5V   6V     Current - Output   100mA   100mA   100mA   100mA   100mA     Output Type   Fixed   Fixed   Fixed   Fixed   Fixed     Current - Quiescent (Iq)   5.5 mA   5.5 mA   5.5 mA   5.5 mA   5.5 mA     Supplier Device Package   SOT 89-3   8 SOIC   8 SOIC   8 SOIC   8 SOIC     Base Product Number   U78.06   L78.08   L78.09   L78.05   L78.06   L78.08   L78.05   L78.06   L78.08   L78.05   L78.06   Control Fourtrol Features   40°C ~ 125°C   9°C ~ 125°C   0°C ~ 125°C <t< td=""><td>Mounting Type</td><td>Surface Mount</td><td>Surface Mount</td><td>Surface Mount</td><td>Surface Mount</td></t<>	Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output   100mA	Voltage - Input (Max)	30V	30V	30V	30V
Output Type   Fixed   Fixed   Fixed   Fixed     Current - Quiescent (Iq)   5.5 mA   5.5 mA   5.5 mA   5.5 mA     Supplier Device Package   50T-89-3   8-50IC   8-50IC   8-50IC     Base Product Number   1.781.06   1.781.08   1.781.05   1.781.06     Operating Temperature   -40°C ~ 125°C   4-40°C ~ 125°C   0°C ~ 125°C   0°C ~ 125°C     Voltage - Output (Max)   -   -   -   -   -     Output Configuration   Positive   Positive   Positive   Positive     Voltage Dropout (Max)   -   -   -   -     Series   -   -   -   -     Control Features   -   -   -   -     Package   Tape & Red (TR)   Tape & Red (TR)   Tube     Package / Case   To-243AA   8-50IC (0.154°, 3.90mm Width)   8-50IC (0.154°, 3.90mm Width)   8-50IC (0.154°, 3.90mm Width)	Voltage - Output (Min/Fixed)	6V	8V	5V	6V
Current - Quiescent (Tq)   5.5 mA	Current - Output	100mA	100mA	100mA	100mA
Supplier Device Package   SOT-89-3   8-SOIC	Output Type	Fixed	Fixed	Fixed	Fixed
Base Product Number   L78L06   L78L08   L78L05   L78L06   L78L06     Operating Temperature   -40°C ~ 125°C   -40°C ~ 125°C   0°C ~ 125°C   0°C ~ 125°C     Voltage - Output (Max)   -   -   -   -     Output Configuration   Positive   Positive   Positive   Positive     Voltage Dropout (Max)   -   -   -   -     Series   -   -   -   -     Control Features   -   -   -   -     Package   Tape & Reel (TR)   Tape & Reel (TR)   Tube     Package / Case   TO-243AA   8-SOIC (0.154°, 3.90mm Width)   8-SOIC (0.154°, 3.90mm Width)	Current - Quiescent (Iq)	5.5 mA	5.5 mA	5.5 mA	5.5 mA
Operating Temperature   -40°C ~ 125°C   -40°C ~ 125°C   0°C ~ 12	Supplier Device Package	SOT-89-3	8-SOIC	8-SOIC	8-SOIC
Voltage - Output (Max) - - - -   Output Configuration Positive Positive Positive   Voltage Dropout (Max) - - -   Series - - - -   Control Features - - - -   Package Tape & Reel (TR) Tape & Reel (TR) Tape & Reel (TR) Tube   Package / Case TO-243AA 8-SOIC (0.154', 3.90mm Width) 8-SOIC (0.154", 3.90mm Width) 8-SOIC (0.154", 3.90mm Width)	Base Product Number	L78L06	L78L08	L78L05	L78L06
Output Configuration Positive Positive Positive   Voltage Dropout (Max) - - -   Series - - -   Control Features - - -   Package Tape & Reel (TR) Tape & Reel (TR) Tape & Reel (TR) Tube   Package / Case TO-243AA 8-SOIC (0.154*, 3.90mm Width) 8-SOIC (0.154*, 3.90mm Width) 8-SOIC (0.154*, 3.90mm Width)	Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
Voltage Dropout (Max)   -	Voltage - Output (Max)	-	-	-	-
Series   - <td>Output Configuration</td> <td>Positive</td> <td>Positive</td> <td>Positive</td> <td>Positive</td>	Output Configuration	Positive	Positive	Positive	Positive
Control Features   -	Voltage Dropout (Max)	-	-	-	-
Package   Tape & Reel (TR)   Tape & Reel (TR)   Tape & Reel (TR)   Tube     Package / Case   TO-243AA   8-SOIC (0.154', 3.90mm Width)   8-SOIC (0.154'', 3.90mm Width)   8-SOIC (0.154'', 3.90mm Width)   8-SOIC (0.154'', 3.90mm Width)	Series	-	-	-	-
Package / Case TO-243AA 8-SOIC (0.154', 3.90mm Width) 8-SOIC (0.154", 3.90mm Width) 8-SOIC (0.154", 3.90mm Width)	Control Features	-	-	-	-
	Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
<b>PSRR</b> 46dB (120Hz) 45dB (120Hz) 49dB (120Hz) 46dB (120Hz)	Package / Case	TO-243AA	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
	PSRR	46dB (120Hz)	45dB (120Hz)	49dB (120Hz)	46dB (120Hz)

# **Z** L78L06ABUTR Datasheet PDF

Download L78L06ABUTR pdf datasheets and STMicroelectronics documentation for L78L06ABUTR - STMicroelectronics.

### Datasheets



L78L Datasheet.pdf

## PCN Assembly/Origin



L78L Datasheet.pdf

### **Customers Also Interested in**

#### **Recommended Products**













L78L08

WS

L78L06CD

STMicroelectronics

L78L08ABD13TR

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L78L05CD13TR STMicroelectronics IC REG LINEAR 5V 100MA 8SO

L78L06ACD STMicroelectronics

IC REG LINEAR 6V 100MA 8SO





**NO PICTURE** 

NO PICTURE

STMicroelectronics IC REG LINEAR 6V 100MA TO92-3



L78L06

WS

L78L05B

STMicroelectronics

L78L06ACZ

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IC REG LINEAR 6V 100MA TO92-3

L78L05DG

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L78L05C **NIKO-SEM** 

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**NO PICTURE** 

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L78L05N

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STMicroelectronics IC REG LINEAR 5V 100MA TO92-3

L78L05ACZTR

L78L08ABUTR

STMicroelectronics IC REG LINEAR 8V 100MA SOT89-3 L78L05CG

L78L05CV STMicroelectronics



L78L06ACUTR

STMicroelectronics IC REG LINEAR 6V 100MA SOT89-3

### **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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
ASIa	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.

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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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