

Image may be representation.
See specifications for product details.



L78S10CV

Manufacturer Part Number	L78S10CV
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L78S10CV
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 10V 2A TO220AB
Package	TO-220-3
Data sheet	L78Sxx(C).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L78S10CV - STMicroelectronics.New Original in Stock. Download Linear Technology L78S10CV datasheet/specifications on AllelcoElec.com.
Request a quote for L78S10CV, please send us email: info@allelco.com

Specifications

L78S10CV Tech Specifications
L78S10CV - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	47dB (120Hz)
Voltage Dropout (Max)	-	Output Type	Fixed
Voltage - Output (Min/Fixed)	10V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	0°C ~ 150°C
Voltage - Input (Max)	35V	Number of Regulators	1
Supplier Device Package	TO-220	Mounting Type	Through Hole
Series	-	Current - Quiescent (Iq)	8 mA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	2A
Package / Case	TO-220-3	Control Features	-
Package	Tube	Base Product Number	L78S10

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L78S10CV

Product Attribute				
Part Number	L78S10CV	L78S09CV	L78S75CV	L78S05CV
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Output	2A	2A	2A	2A
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Voltage - Input (Max)	35V	35V	35V	35V
Control Features	-	-	-	-
Base Product Number	L78S10	L78S09	L78S75	L78S05
Voltage Dropout (Max)	-	-	-	-
Operating Temperature	0°C ~ 150°C	0°C ~ 150°C	0°C ~ 150°C	0°C ~ 150°C
Voltage - Output (Min/Fixed)	10V	9V	7.5V	5V
Voltage - Output (Max)	-	-	-	-
Series	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Package	Tube	Tube	Tube	Tube
Current - Quiescent (Iq)	8 mA	8 mA	8 mA	8 mA
Number of Regulators	1	1	1	1
Supplier Device Package	TO-220	TO-220	TO-220	TO-220
PSRR	47dB (120Hz)	47dB (120Hz)	48dB (120Hz)	54dB (120Hz)
Output Configuration	Positive	Positive	Positive	Positive
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

L78S10CV Datasheet PDF

Download L78S10CV pdf datasheets and STMicroelectronics documentation for L78S10CV - STMicroelectronics.

PCN Design/Specification

- Mult Dev Adv Material Notice 8/Apr/2019.pdf
- IPG/14/9008 11/Dec/2014.pdf

HTML Datasheet








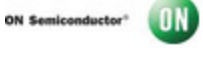


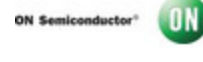

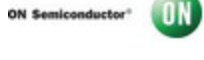





- L78Sxx(C).pdf

PCN Assembly/Origin



Customers Also Interested in

Recommended Products

					
L78S024 AMI Semiconductor/onsemi	L78S09CV STMicroelectronics IC REG LINEAR 9V 2A TO220AB	L78S75CV STMicroelectronics IC REG LINEAR 7.5V 2A TO220AB	L78S05CV STMicroelectronics IC REG LINEAR 5V 2A TO220AB	L78N12 SAY	L78M24CV STMicroelectronics IC REG LINEAR 24V 500MA TO220AB
					
L78S24CV STMicroelectronics IC REG LINEAR 24V 2A TO220AB	L78MR05-FA AMI Semiconductor/onsemi	L78S15CV STMicroelectronics IC REG LINEAR 15V 2A TO220AB	L78S05 AMI Semiconductor/onsemi	L78RL05-TD AMI Semiconductor/onsemi	L78S24CT STMicroelectronics
					
L78N05 AMI Semiconductor/onsemi	L78M24CV-DG STMicroelectronics IC REG LINEAR 24V 500MA	L78S15CV-DG STMicroelectronics IC REG LINEAR 15V 2A TO220	L78S12CV STMicroelectronics IC REG LINEAR 12V 2A TO220AB	L78MR05 AMI Semiconductor/onsemi	L78MR05L-FA AMI Semiconductor/onsemi

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

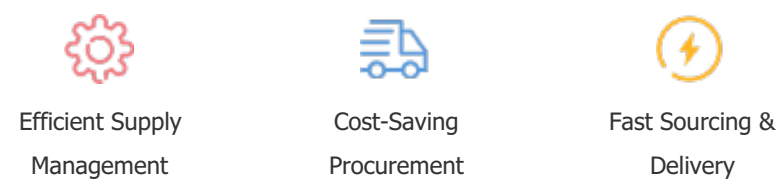
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

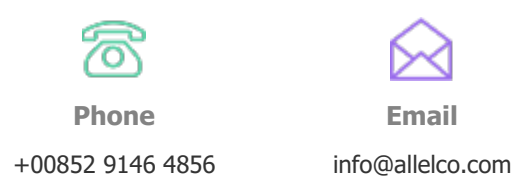
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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