

Image may be representation.  
See specifications for product details.



## ST1S03APUR

Manufacturer Part Number	ST1S03APUR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ST1S03APUR
ECAD Model	 Request Free CAD Models
Parts Description	IC REG BUCK ADJUSTABLE 1.5A 6DFN
Package	6-VDFN Exposed Pad
Data sheet	ST1S03A.pdf
RoHs Status	 ROHS3 Compliant

Get a Quote

ST1S03APUR - STMicroelectronics.New Original in Stock. Download Linear Technology ST1S03APUR datasheet/specifications on AllelcoElec.com.  
Request a quote for ST1S03APUR, please send us email: [info@allelco.com](mailto:info@allelco.com)

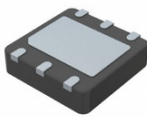

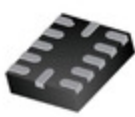

### Specifications

ST1S03APUR Tech Specifications  
ST1S03APUR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.8V	Output Type	Adjustable
Voltage - Output (Max)	4.79V	Output Configuration	Positive
Voltage - Input (Min)	3V	Operating Temperature	0°C ~ 125°C (TJ)
Voltage - Input (Max)	5.5V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Down
Supplier Device Package	6-DFN (3x3)	Frequency - Switching	1.5MHz
Series	-	Current - Output	1.5A
Package / Case	6-VDFN Exposed Pad	Base Product Number	ST1S03

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST1S03APUR

Product Attribute				
Part Number	ST1S03APUR	ST1S03PUR	ST1PS02BQTR	ST1S06APUR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	0°C ~ 125°C (TJ)	0°C ~ 125°C (TJ)	-40°C ~ 85°C (TA)	-30°C ~ 85°C (TJ)
Base Product Number	ST1S03	ST1S03	ST1PS02	ST1S06
Voltage - Output (Max)	4.79V	13.92V	2.5V	5.22V
Synchronous Rectifier	No	No	Yes	Yes
Voltage - Output (Min/Fixed)	0.8V	0.8V	1.8V	0.8V
Voltage - Input (Max)	5.5V	16V	5.5V	6V
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Topology	Buck	Buck	Buck	Buck
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Number of Outputs	1	1	1	1
Current - Output	1.5A	1.5A	400mA	1.5A
Frequency - Switching	1.5MHz	1.5MHz	2MHz	1.5MHz
Voltage - Input (Min)	3V	3V	1.8V	2.7V
Function	Step-Down	Step-Down	Step-Down	Step-Down
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	6-DFN (3x3)	6-DFN (3x3)	12-TQFN (1.7x2)	6-DFN (3x3)
Package / Case	6-VDFN Exposed Pad	6-VDFN Exposed Pad	12-UFQFN	6-VDFN Exposed Pad

### ST1S03APUR Datasheet PDF

Download ST1S03APUR pdf datasheets and STMicroelectronics documentation for ST1S03APUR - STMicroelectronics.

#### HTML Datasheet



ST1S03A.pdf

### Customers Also Interested in

#### Recommended Products



ST1S03PUR

STMicroelectronics  
IC REG BUCK ADJUSTABLE 1.5A 6DFN

ST1S06

STMicroelectronics

ST1PS02BQTR

STMicroelectronics  
400MA NANO-QUIESCENT  
SYNCHRONOUS

ST1S06APUR

STMicroelectronics  
IC REG BUCK ADJUSTABLE 1.5A 6DFN

ST1S06APMR

STMicroelectronics

ST1L08SPU12R

STMicroelectronics  
IC REG LINEAR 1.2V 800MA 8DFN



ST1PS01FJR

STMicroelectronics  
400MA NANO-QUIESCENT  
SYNCHRONOUS

ST1L05CPU33R

STMicroelectronics  
IC REG LINEAR 3.3V 1.3A 6DFN

ST1L05PU25R

STMicroelectronics  
IC REG LINEAR 2.5V 1.3A 6DFN

ST1L05BPUR

STMicroelectronics  
IC REG LINEAR POS ADJ 1.3A 6DFN

ST1S03RPM

STMicroelectronics

ST1L05DPUR

STMicroelectronics  
IC REG LINEAR POS ADJ 1.3A 8DFN



ST1L08PUR

STMicroelectronics  
IC REG LINEAR POS ADJ 800MA 8DFN

ST1S03

STMicroelectronics

ST1S06PMR

STMicroelectronics  
IC REG BUCK ADJUSTABLE 1.5A 6DFN

ST1S03PMR

STMicroelectronics  
IC REG BUCK ADJUSTABLE 1.5A 6DFN

ST1PS01EJR

STMicroelectronics  
IC REG BUCK 8FLIPCHIP

ST1S06PM33R

STMicroelectronics  
IC REG BUCK 3.3V 1.5A 6DFN

## 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 -

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Efficient Supply  
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-   
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Procurement
-   
Fast Sourcing &  
Delivery

Contact us if you have any questions.

-   
Phone  
+00852 9146 4856
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info@allelco.com

### Certifications & Memberships



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### Contact us

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