

Image may be representation.
See specifications for product details.



ST8R00WPUR

| | |
|--------------------------|----------------------------------|
| Manufacturer Part Number | ST8R00WPUR |
| Manufacturer | STMicroelectronics |
| Allelco Part Number | 32D-ST8R00WPUR |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC REG BOOST ADJUSTABLE 3A 8DFN |
| Package | 8-VDFN Exposed Pad |
| Data sheet | ST8R00WPUR.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

ST8R00WPUR - STMicroelectronics.New Original in Stock. Download Linear Technology ST8R00WPUR datasheet/specifications on AllelcoElec.com.
Request a quote for ST8R00WPUR, please send us email: info@allelco.com

Specifications

ST8R00WPUR Tech Specifications

ST8R00WPUR - STMicroelectronics technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|------------------------------|--------------------|-----------------------|--------------------|
| Manufacturer | STMicroelectronics | Package | Tape & Reel (TR) |
| Voltage - Output (Min/Fixed) | 6V | Output Type | Adjustable |
| Voltage - Output (Max) | 12V | Output Configuration | Positive |
| Voltage - Input (Min) | 4V | Operating Temperature | -25°C ~ 125°C (TJ) |
| Voltage - Input (Max) | 6V | Number of Outputs | 1 |
| Topology | Boost | Mounting Type | Surface Mount |
| Synchronous Rectifier | Yes | Function | Step-Up |
| Supplier Device Package | 8-DFN (4x4) | Frequency - Switching | 1.2MHz |
| Series | - | Current - Output | 1A (Switch) |
| Package / Case | 8-VDFN Exposed Pad | Base Product Number | ST8R00 |

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST8R00WPUR

| Product Attribute | | | | |
|------------------------------|--------------------|-------------------------------|--------------------|--------------------|
| Part Number | ST8R00WPUR | ST890CD | ST890CDR | ST86000 |
| Manufacturer | STMicroelectronics | STMicroelectronics | STMicroelectronics | STMicroelectronics |
| Package / Case | 8-VDFN Exposed Pad | 8-SOIC (0.154", 3.90mm Width) | - | - |
| Function | Step-Up | - | - | - |
| Voltage - Input (Max) | 6V | - | - | - |
| Series | - | - | - | - |
| Voltage - Input (Min) | 4V | - | - | - |
| Mounting Type | Surface Mount | Surface Mount | - | - |
| Frequency - Switching | 1.2MHz | - | - | - |
| Supplier Device Package | 8-DFN (4x4) | 8-SOIC | - | - |
| Voltage - Output (Min/Fixed) | 6V | - | - | - |
| Synchronous Rectifier | Yes | - | - | - |
| Number of Outputs | 1 | 1 | - | - |
| Base Product Number | ST8R00 | ST890 | - | - |
| Package | Tape & Reel (TR) | Tube | - | - |
| Voltage - Output (Max) | 12V | - | - | - |
| Output Configuration | Positive | High Side | - | - |
| Current - Output | 1A (Switch) | - | - | - |
| Output Type | Adjustable | P-Channel | - | - |
| Topology | Boost | - | - | - |
| Operating Temperature | -25°C ~ 125°C (TJ) | -40°C ~ 85°C (TA) | - | - |

ST8R00WPUR Datasheet PDF

Download ST8R00WPUR pdf datasheets and STMicroelectronics documentation for ST8R00WPUR - STMicroelectronics.

PCN Packaging











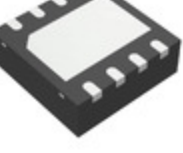






[Moisture Barrier Bag 09/May/2016.pdf](#)

PCN Design/Specification

[IPG-IPC/14/8692 03/Oct/2014.pdf](#)

Customers Also Interested in

Recommended Products

| | | | | | |
|--|---|--|---|---|---|
|  ST890CD STMicroelectronics IC PWR SWITCH P-CHANNEL 1:1 8SO |  ST890CDR STMicroelectronics |  ST86000 STMicroelectronics |  ST8AF6226 NA |  ST890CDR STMicroelectronics IC PWR SWITCH P-CHANNEL 1:1 8SO |  ST8886 SILICONLA |
|  ST88364 STMicroelectronics |  ST8835 STANSON |  ST890BDR STMicroelectronics IC PWR SWITCH P-CHANNEL 1:1 8SO |  ST8903 STMicroelectronics |  ST864AI STMicroelectronics |  ST890DTR STMicroelectronics IC PWR SWITCH P-CHAN 1:1 8DFN |
|  ST866D SIMPLE |  ST8DF3LL STM |  ST8L151F3P6 STMicroelectronics |  ST8886-A1-FT SILICONLA |  ST8812FP STMicroelectronics TRANS NPN 600V 7A TO220FP |  ST8DN6LD2 STMicroelectronics |

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,
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