

Image may be representation.
See specifications for product details.



ST890DTR

Manufacturer Part Number	ST890DTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ST890DTR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR SWITCH P-CHAN 1:1 8DFN
Package	8-VDFN Exposed Pad
Data sheet	ST890.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ST890DTR - STMicroelectronics.New Original in Stock. Download Linear Technology ST890DTR datasheet/specifications on AllelcoElec.com.
Request a quote for ST890DTR, please send us email: info@allelco.com

Specifications

ST890DTR Tech Specifications

ST890DTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Load	2.7V ~ 5.5V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	8-DFN (3x3)	Interface	On/Off
Series	-	Input Type	Non-Inverting
Rds On (Typ)	75mOhm	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Adjustable), Over Temperature
Package / Case	8-VDFN Exposed Pad	Current - Output (Max)	1.2A
Package	Tape & Reel (TR)	Base Product Number	ST890
Output Type	P-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST890DTR

Product Attribute				
Part Number	ST890DTR	ST890BDR	ST890CD	ST890CDR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Ratio - Input:Output	1:1	1:1	1:1	1:1
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Current - Output (Max)	1.2A	1.2A	1.2A	1.2A
Number of Outputs	1	1	1	1
Series	-	-	-	-
Fault Protection	Current Limiting (Adjustable), Over Temperature	Current Limiting (Adjustable), Over Temperature	Current Limiting (Adjustable), Over Temperature	Current Limiting (Adjustable), Over Temperature
Package / Case	8-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Base Product Number	ST890	ST890	ST890	ST890
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Load	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Features	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Output Configuration	High Side	High Side	High Side	High Side
Supplier Device Package	8-DFN (3x3)	8-SOIC	8-SOIC	8-SOIC
Rds On (Typ)	75mOhm	75mOhm	75mOhm	75mOhm
Interface	On/Off	On/Off	On/Off	On/Off
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	P-Channel	P-Channel	P-Channel	P-Channel

ST890DTR Datasheet PDF

Download ST890DTR pdf datasheets and STMicroelectronics documentation for ST890DTR - STMicroelectronics.

PCN Packaging

Moisture Barrier Bag 09/May/2016.pdf















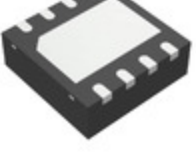



Box Label Chg 28/Jul/2016.pdf

HTML Datasheet

ST890.pdf

Customers Also Interested in

Recommended Products

 ST8812FP STMicroelectronics TRANS NPN 600V 7A TO220FP	 ST890BDR STMicroelectronics IC PWR SWITCH P-CHANNEL 1:1 850	 ST8835 STANSON	 ST890CD STMicroelectronics IC PWR SWITCH P-CHANNEL 1:1 850	 ST864AI STMicroelectronics	 ST8DN6LD2 STMicroelectronics
 ST8886-A1-FT SILICONLA	 ST890CDR STMicroelectronics	 ST8AF6226 NA	 ST866D SIMPLE	 ST8886 SILICONLA	 ST8903 STMicroelectronics
 ST88364 STMicroelectronics	 ST890CDR STMicroelectronics IC PWR SWITCH P-CHANNEL 1:1 850	 ST8R00WPUR STMicroelectronics IC REG BOOST ADJUSTABLE 3A 8DFN	 ST8L151F3P6 STMicroelectronics	 ST86000 STMicroelectronics	 ST8DF3LL STM

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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