

Image may be representation.  
See specifications for product details.



## STMPE821QTR

Manufacturer Part Number	<a href="#">STMPE821QTR</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Allelco Part Number	32D-STMPE821QTR
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC CTRL TOUCH KEY 8CH CAP 16-QFN
Package	16-UFQFN
Data sheet	<a href="#">STMPE821.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

STMPE821QTR - STMicroelectronics.New Original in Stock. Download Linear Technology STMPE821QTR datasheet/specifications on AllelcoElec.com.  
Request a quote for STMPE821QTR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

STMPE821QTR Tech Specifications  
STMPE821QTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Supply	2.7V ~ 3.6V	Operating Temperature	-40°C ~ 85°C
Type	Buttons	Number of Inputs	Up to 8
Supplier Device Package	16-QFN (2.6x1.8)	Mounting Type	Surface Mount
Series	S-Touch™	LED Driver Channels	Up to 4
Resolution	7 b	Interface	I²C
Proximity Detection	No	Current - Supply	350µA
Package / Case	16-UFQFN	Base Product Number	STMPE821

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STMPE821QTR

Product Attribute				
Part Number	<a href="#">STMPE821QTR</a>	<a href="#">STMPE321QTR</a>	<a href="#">STMPE16M31QTR</a>	<a href="#">STMPE811QTR</a>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	STMPE821	STMPE321	STMPE16	STMPE811
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Interface	I²C	I²C	I²C	I²C, SPI
Resolution	7 b	7 b	9 b	-
LED Driver Channels	Up to 4	-	Up to 16	-
Current - Supply	350µA	280µA	400µA	500 nA
Voltage - Supply	2.7V ~ 3.6V	1.65V ~ 1.95V	2.7V ~ 5.5V	1.8V ~ 3.3V
Type	Buttons	Buttons	Buttons	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	16-UFQFN	12-UFQFN	32-VFQFN Exposed Pad	16-VFQFN Exposed Pad
Number of Inputs	Up to 8	3	Up to 16	-
Supplier Device Package	16-QFN (2.6x1.8)	12-QFN (2.2x1.5)	32-QFN (4x4)	16-QFN (3x3)
Series	S-Touch™	S-Touch™	S-Touch™	S-Touch™
Proximity Detection	No	No	Yes	-

### STMPE821QTR Datasheet PDF

Download STMPE821QTR pdf datasheets and STMicroelectronics documentation for STMPE821QTR - STMicroelectronics.

#### Datasheets

[STMPE821.pdf](#)

### Customers Also Interested in

#### Recommended Products



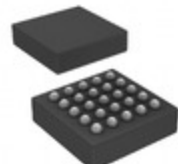
**STMPE811QTR**

STMicroelectronics  
IC SCREEN CNTRL 12BIT 16QFN



**STMPS2141MTR**

STMicroelectronics  
IC PWR SWITCH N-CHANNEL 1:1  
8SO



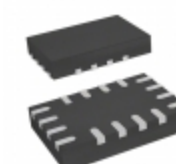
**STMPE1601TBR**

STMicroelectronics  
IC XPNDR 400KHZ I2C 25TFBGA



**STMPE801MTR**

STMicroelectronics  
IC XPNDR 400KHZ I2C 16SO



**STMPE801QTR**

STMicroelectronics  
IC XPNDR 400KHZ I2C 16QFN

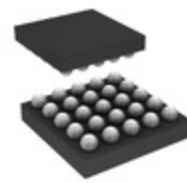
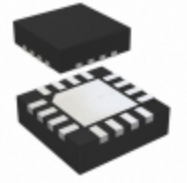
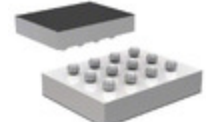
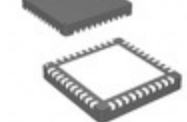


**STMPS2151STR**

STMicroelectronics  
IC PWR SWITCH N-CHAN 1:1 SOT23-  
5

**STMPS2151TTR**STMicroelectronics  
IC PWR SWITCH N-CHAN 1:1 8MSOP**STMPS2151S**

STMicroelectronics

**STMPS2141TTR**STMicroelectronics  
IC PWR SWITCH N-CHAN 1:1 8MSOP**STMPE1801BJR**STMicroelectronics  
IC XPNDR 400KHZ I2C 25FLIPCHIP**STMPS2151MTR**STMicroelectronics  
IC PWR SWITCH N-CHANNEL 1:1 8SO**STMPE610QTR**STMicroelectronics  
IC SCREEN CNTRL 12BIT 16QFN**STMPE321QTR**STMicroelectronics  
IC CTRL TOUCH KEY 3CH 12-QFN**STMPE812ABJR**STMicroelectronics  
IC SCREEN CNTRL 12BIT 12CSP**STMPE2401TBR**STMicroelectronics  
IC XPNDR 400KHZ I2C 36TFBGA**STMPE16M31QTR**STMicroelectronics  
IC SENSOR S-TOUCH 16CH 32QFN**STMPS2141STR**STMicroelectronics  
IC PWR SWITCH N-CHAN 1:1 SOT23-5**STMPO1ATR**

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, PayPal.



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 Cost-Saving Procurement  
 Fast Sourcing & Delivery

Contact us if you have any questions.

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