

Image may be representation.  
See specifications for product details.



## STPM32TR

Manufacturer Part Number	<b>STPM32TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STPM32TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ENERGY METER 1 PHASE 24QFN
Package	24-VFQFN Exposed Pad
Data sheet	<b>STPM32-34.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

STPM32TR - STMicroelectronics.New Original in Stock. Download Linear Technology STPM32TR datasheet/specifications on AllelcoElec.com.  
Request a quote for STPM32TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

STPM32TR Tech Specifications

STPM32TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 85°C
Voltage - Supply	2.95 V ~ 3.65 V	Mounting Type	Surface Mount
Voltage - I/O Low	-	Meter Type	2 x Single Phase
Voltage - I/O High	-	Measurement Error	-
Supplier Device Package	24-QFN (4x4)	Input Impedance	-
Series	-	Current - Supply	3.9mA
Package / Case	24-VFQFN Exposed Pad	Base Product Number	STPM32
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STPM32TR

Product Attribute				
Part Number	STPM32TR	STPMC1BTR	STPM14ATR	STPM12ATR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	-	-	-	-
Package / Case	24-VFQFN Exposed Pad	20-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Impedance	-	-	100kOhm	100kOhm
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Base Product Number	STPM32	STPMC1	STPM14	STPM12
Supplier Device Package	24-QFN (4x4)	20-TSSOP	20-TSSOP	20-TSSOP
Current - Supply	3.9mA	6mA	4.7mA	4.7mA
Voltage - Supply	2.95 V ~ 3.65 V	3.17 V ~ 5.5 V	3 V ~ 5.5 V	3 V ~ 5.5 V
Meter Type	2 x Single Phase	3 Phase	Single Phase	Single Phase
Voltage - I/O High	-	1.2V	1.5V	1.5V
Voltage - I/O Low	-	0.6V	0.8V	0.8V
Measurement Error	-	0.1%	0.1%	0.1%

### STPM32TR Datasheet PDF

Download STPM32TR pdf datasheets and STMicroelectronics documentation for STPM32TR - STMicroelectronics.

#### PCN Packaging

2.73KHz.pdf

#### HTML Datasheet

STPM32-34.pdf

#### PCN Design/Specification

IPD/15/9387 08/Sep/2015.pdf

STPM32, 33, 34 Metal Mask Chg 29/Mar/2016.pdf

#### PCN Assembly/Origin

STPM3 Temp Range Chg 12/Dec/2018.pdf

### Customers Also Interested in

#### Recommended Products



### STPMC1BTR

STMicroelectronics  
IC ENERGY METER 3 PHASE  
20TSSOP

### STPMB1TR

STMicroelectronics

### STPM14ATR

STMicroelectronics  
IC ENERGY METER 1 PHASE  
20TSSOP

### STPM12A

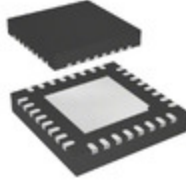
STMicroelectronics

### STPM12ATR

STMicroelectronics  
IC ENERGY METER 1 PHASE  
20TSSOP

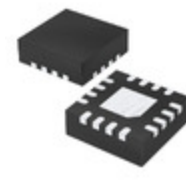
### STPM10BTR

STMicroelectronics  
IC ENERGY METER 1 PHASE  
20TSSOP



### STPM33TR

STMicroelectronics  
IC ENERGY METER 1PHASE 32QFN



### STPMS2H-PUR

STMicroelectronics  
IC SMART SENSOR II 2CH 16QFN



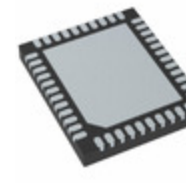
### STPIC6D595TTR

STMicroelectronics  
IC SHIFT REGISTER 8BIT 16TSSOP



### STPM11ATR

STMicroelectronics  
IC ENERGY METER 1 PHASE  
20TSSOP



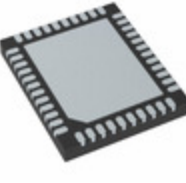
### STPMIC1APQR

STMicroelectronics  
14 OUTPUT RAILS PMIC 4  
ADJUSTABL



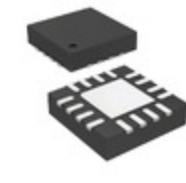
### STPM13ATR

STMicroelectronics  
IC ENERGY METER 1 PHASE  
20TSSOP



### STPMIC1DPQR

STMicroelectronics  
14 OUTPUT RAILS PMIC 4  
ADJUSTABL



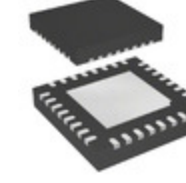
### STPMS1BPQR

STMicroelectronics  
IC SMART SENSOR ASSP W/PGA  
16QFN



### STPM01F

STMicroelectronics



### STPM34TR

STMicroelectronics  
IC ENERGY METER 1PHASE 32QFN



### STPM01FTR

STMicroelectronics  
IC ENERGY METER 1 PHASE  
20TSSOP



### STPIC6D595MTR

STMicroelectronics  
IC SHIFT REGISTER 8BIT 16SOIC

## 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 Alleco 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 -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



Phone  
+00852 9146 4856



Email  
info@alleco.com

## Certifications & Memberships



View More



WWW.ALLECOELEC.COM

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