



Image may be representation.
See specifications for product details.



STPS3L60UY

Manufacturer Part Number	STPS3L60UY
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STPS3L60UY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 60V 3A SMB
Package	DO-214AA, SMB
Data sheet	STPS3L60UY.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STPS3L60UY - STMicroelectronics. New Original in Stock. Download Linear Technology STPS3L60UY datasheet/specifications on AllelcoElec.com.
Request a quote for STPS3L60UY, please send us email: info@allelco.com

Specifications

STPS3L60UY Tech Specifications
STPS3L60UY - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	620 mV @ 3 A	Operating Temperature - Junction	-40°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	60 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	150 µA @ 60 V
Supplier Device Package	SMB	Current - Average Rectified (Io)	3A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	Automotive, AEC-Q101	Base Product Number	STPS3
Package / Case	DO-214AA, SMB		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STPS3L60UY

Product Attribute				
Part Number	STPS3L60UY	STPS3L45AF	STPS3L60SY	STPS3L60U
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Forward (Vf) (Max) @ If	620 mV @ 3 A	570 mV @ 3 A	700 mV @ 3 A	620 mV @ 3 A
Technology	Schottky	Schottky	Schottky	Schottky
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	SMB	SMAflat	SMC	SMB
Series	Automotive, AEC-Q101	-	Q Automotive	-
Operating Temperature - Junction	-40°C ~ 150°C	150°C (Max)	-40°C ~ 150°C	150°C (Max)
Base Product Number	STPS3	STPS3	STPS3	STPS3
Current - Average Rectified (Io)	3A	3A	3A	3A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F	-	-	-	-
Current - Reverse Leakage @ Vr	150 µA @ 60 V	300 µA @ 45 V	55 µA @ 60 V	150 µA @ 60 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	DO-214AA, SMB	DO-221AC, SMA Flat Leads	DO-214AB, SMC	DO-214AA, SMB
Voltage - DC Reverse (Vr) (Max)	60 V	45 V	60 V	60 V

STPS3L60UY Datasheet PDF

Download STPS3L60UY pdf datasheets and STMicroelectronics documentation for STPS3L60UY - STMicroelectronics.

Datasheets

[STPS3L60UY.pdf](#)

PCN Packaging

[Box Label Chg 28/Jul/2016.pdf](#)

PCN Assembly/Origin

[Mult Dev Site Chg 14/Feb/2020.pdf](#)

Customers Also Interested in

Recommended Products



STPS40150CG-TR
STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
D2PAK



STPS3L60SY
STMicroelectronics
DIODE SCHOTTKY 60V 3A SMC

STPS40100CT
STMicroelectronics
DIODE ARRAY SCHOTTKY 100V
TO220



STPS3L60U
STMicroelectronics
DIODE SCHOTTKY 60V 3A SMB

STPS40170CG
STMicroelectronics
DIODE ARRAY SCHOTTKY 170V
D2PAK



STPS40170CGY-TR
STMicroelectronics
DIODE ARRAY SCHOTTKY 170V
D2PAK

STPS40120CT
STMicroelectronics
DIODE ARRAY SCHOTTKY 120V
TO220



STPS40150CG
STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
D2PAK

STPS40150CT
STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
TO220



STPS3L60
STMicroelectronics

STPS3L45AF
STMicroelectronics
DIODE SCHOTTKY 45V 3A SMAFLAT



STPS3L60Q
STMicroelectronics
DIODE SCHOTTKY 60V 3A DO15



STPS40150CGY-TR
STMicroelectronics
AUTOMOTIVE 150 V, 50 A POWER
SCH



STPS3L60S
STMicroelectronics
DIODE SCHOTTKY 60V 3A SMC



STPS40150CW
STMicroelectronics
DIODE ARRAY SCHOTTKY 150V
TO247



STPS3L60U-TR
STMicroelectronics



STPS3L60UF
STMicroelectronics
DIODE SCHOTTKY 60V 3A SMBFLAT



STPS3L60RL
STMicroelectronics
DIODE SCHOTTKY 60V 3A DO201AD

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



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