



STPS1L40ZF

Manufacturer Part Number	STPS1L40ZF
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STPS1L40ZF
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE SCHOTTKY 40V 1A SOD123F
Package	SOD-123F
Data sheet	STPS1L40 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STPS1L40ZF - STMicroelectronics.New Original in Stock. Download Linear Technology STPS1L40ZF datasheet/specifications on AllelcoElec.com.
Request a quote for STPS1L40ZF, please send us email: info@allelco.com

Specifications

STPS1L40ZF Tech Specifications
STPS1L40ZF - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	500 mV @ 1 A	Operating Temperature - Junction	-40°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	40 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	35 µA @ 40 V
Supplier Device Package	SOD-123F	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	STPS1
Package / Case	SOD-123F		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STPS1L40ZF

Product Attribute				
Part Number	STPS1L40ZF	STPS1L40ZFY	STPS1L40AY	STPS1L30MF
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	Automotive, AEC-Q101	Q Automotive	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Base Product Number	STPS1	STPS1	STPS1	STPS1
Supplier Device Package	SOD-123F	SOD-123F	SMA (DO-214AC)	STmite Flat
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Capacitance @ Vr, F	-	-	-	-
Operating Temperature - Junction	-40°C ~ 175°C	-40°C ~ 150°C	-40°C ~ 150°C	150°C (Max)
Voltage - Forward (Vf) (Max) @ If	500 mV @ 1 A	500 mV @ 1 A	500 mV @ 1 A	390 mV @ 1 A
Package / Case	SOD-123F	SOD-123F	DO-214AC, SMA	DO-222AA
Current - Reverse Leakage @ Vr	35 µA @ 40 V	35 µA @ 40 V	35 µA @ 40 V	390 µA @ 30 V
Current - Average Rectified (Io)	1A	1A	1A	1A
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	40 V	40 V	40 V	30 V

STPS1L40ZF Datasheet PDF

Download STPS1L40ZF pdf datasheets and STMicroelectronics documentation for STPS1L40ZF - STMicroelectronics.

Datasheets

[STPS1L40 Datasheet.pdf](#)

Customers Also Interested in

Recommended Products

STPS1L40ZFY	STPS1L40AY	STPS1L30MF	STPS1L60A	STPS1L40A-TR	STPS200170TV1Y
STMicroelectronics DIODE SCHOTTKY 40V 1A SOD123F	STMicroelectronics DIODE SCHOTTKY 40V 1A SMA	STMicroelectronics DIODE SCHOTT 30V 1A STMITTE FLAT	STMicroelectronics DIODE SCHOTTKY 60V 1A SMA	STMicroelectronics	STMicroelectronics DIODE MODULE 170V 100A ISOTOP

STPS1L30U	STPS1L40U	STPS1L40M	STPS1L60ZFY	STPS1L40A	STPS1L30U-TR
Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 30V 1A DO214AA	STMicroelectronics DIODE SCHOTTKY 40V 1A SMB	STMicroelectronics DIODE SCHOTTKY 40V 1A STMITE	STMicroelectronics DIODE SCHOTTKY 60V 1A SOD123F	STMicroelectronics DIODE SCHOTTKY 40V 1A SMA	STMicroelectronics
					
STPS1L60ZF STMicroelectronics DIODE SCHOTTKY 60V 1A SOD123F	STPS200170TV1 STMicroelectronics DIODE MODULE 170V 100A ISOTOP	STPS1L40UY STMicroelectronics DIODE SCHOTTKY 40V 1A SMB	STPS1L60U STMicroelectronics	STPS1L30U STMicroelectronics DIODE SCHOTTKY 30V 1A SMB	STPS1L60M 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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-  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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