

Image may be representation.
See specifications for product details.



STTH60R04W

Manufacturer Part Number	STTH60R04W
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STTH60R04W
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE GEN PURP 400V 60A DO247
Package	DO-247-2 (Straight Leads)
Data sheet	STTH60R04.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STTH60R04W - STMicroelectronics.New Original in Stock. Download Linear Technology STTH60R04W datasheet/specifications on AllelcoElec.com.
Request a quote for STTH60R04W, please send us email: info@allelco.com

Specifications

STTH60R04W Tech Specifications
STTH60R04W - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	DO-247-2 (Straight Leads)
Voltage - Forward (Vf) (Max) @ If	1.5 V @ 60 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	400 V	Operating Temperature - Junction	-40°C ~ 175°C
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	DO-247	Current - Reverse Leakage @ Vr	60 µA @ 400 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	60A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	80 ns	Base Product Number	STTH60

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STTH60R04W

Product Attribute				
Part Number	STTH60R04W	STTH60P03SW	STTH60L06W	STTH60RQ06W
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - Reverse Leakage @ Vr	60 µA @ 400 V	100 µA @ 300 V	50 µA @ 600 V	80 µA @ 600 V
Technology	Standard	Standard	Standard	Standard
Base Product Number	STTH60	STTH60	STTH60	STTH60
Series	-	-	-	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F	-	-	-	-
Reverse Recovery Time (trr)	80 ns	-	105 ns	65 ns
Operating Temperature - Junction	-40°C ~ 175°C	175°C (Max)	175°C (Max)	175°C (Max)
Supplier Device Package	DO-247	TO-247-3	DO-247	DO-247
Package	Tube	Tube	Tube	Tube
Current - Average Rectified (Io)	60A	60A	60A	60A
Voltage - DC Reverse (Vr) (Max)	400 V	300 V	600 V	600 V
Voltage - Forward (Vf) (Max) @ If	1.5 V @ 60 A	1.5 V @ 30 A	1.55 V @ 60 A	-
Package / Case	DO-247-2 (Straight Leads)	TO-247-3	DO-247-2 (Straight Leads)	DO-247-2 (Straight Leads)

STTH60R04W Datasheet PDF

Download STTH60R04W pdf datasheets and STMicroelectronics documentation for STTH60R04W - STMicroelectronics.

Datasheets

[STTH60R04.pdf](#)

PCN Assembly/Origin

[Mult Devices Wafer 14/May/2018.pdf](#)

PCN Design/Specification

[Mult Dev Adv Material Notice 8/Apr/2019.pdf](#)

[Mult Dev Mold Compound Chg 6/May/2019.pdf](#)

Customers Also Interested in

Recommended Products

**STTH6110TV1**STMicroelectronics
DIODE MODULE 1KV 30A ISOTOP**STTH6112TV1**STMicroelectronics
DIODE MODULE 1.2KV 30A ISOTOP**STTH60W03CW**STMicroelectronics
DIODE ARRAY GP 300V 30A TO247**STTH60L06TV1**STMicroelectronics
DIODE MODULE 600V 40A ISOTOP**STTH60SW03CW**STMicroelectronics
DIODE ARRAY GP 300V 30A TO247**STTH60W02CW**STMicroelectronics
DIODE ARRAY GP 200V 30A TO247**STTH6112TV2**STMicroelectronics
DIODE MODULE 1.2KV 30A ISOTOP**STTH60P03SW**STMicroelectronics
DIODE GEN PURP 300V 60A TO247-3**STTH60L06W**STMicroelectronics
DIODE GEN PURP 600V 60A DO247**STTH60RQ06W**STMicroelectronics
DIODE GEN PURP 600V 60A DO247**STTH60L06TV2**STMicroelectronics
DIODE MODULE 600V 40A ISOTOP**STTH60AC06CPF**STMicroelectronics
DIODE ARRAY GP 600V 30A TO3PF**STTH60L06CW**STMicroelectronics
DIODE ARRAY GP 600V 40A TO247-3**STTH60AC06CW**STMicroelectronics
DIODE ARRAY GP 600V 30A TO247**STTH61W04SW**STMicroelectronics
DIODE GEN PURP 400V 60A TO247**STTH60AC06CP**STMicroelectronics
DIODE ARRAY GP 600V 30A TO3P**STTH6110TV2**STMicroelectronics
DIODE MODULE 1KV 30A ISOTOP**STTH6102TV1**STMicroelectronics
DIODE MODULE 200V 30A ISOTOP

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.

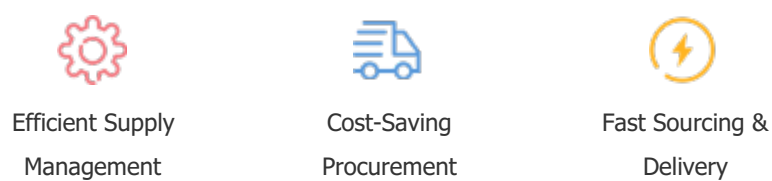
Contact us if you have any questions.

Payment Support

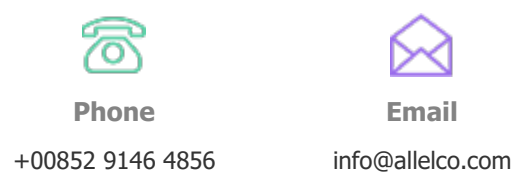
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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