



Image may be representation.  
See specifications for product details.



## HSP061-4M10Y

Manufacturer Part Number	<b>HSP061-4M10Y</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-HSP061-4M10Y
ECAD Model	Request Free CAD Models
Parts Description	TVS DIODE 3VWM 15VC 10UQFN
Package	10-XFDNFN
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

HSP061-4M10Y - STMicroelectronics.New Original in Stock. Download Linear Technology HSP061-4M10Y datasheet/specifications on AllelcoElec.com.  
Request a quote for HSP061-4M10Y, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

HSP061-4M10Y Tech Specifications

HSP061-4M10Y - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Power - Peak Pulse	-
Voltage - Reverse Standoff (Typ)	3V	Package / Case	10-XFDNFN
Voltage - Clamping (Max) @ Ipp	15V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6V	Operating Temperature	-40°C ~ 150°C (TJ)
Unidirectional Channels	4	Mounting Type	Surface Mount
Type	Steering (Rail to Rail)	Current - Peak Pulse (10/1000µs)	1A (8/20µs)
Supplier Device Package	10-UQFN (2.5x1)	Capacitance @ Frequency	0.6pF @ 1MHz
Series	Automotive, AEC-Q101, HSPY	Base Product Number	HSP061
Power Line Protection	Yes	Applications	Automotive, HDMI

### Parts with Similar Specifications

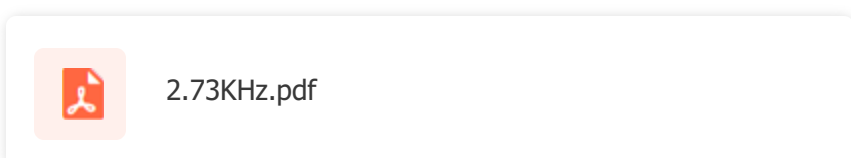
The three parts on the right have similar specifications to STMicroelectronics HSP061-4M10Y

Product Attribute				
Part Number	HSP061-4M10Y	<b>HSP061-4NY8</b>	<b>HSP061-8M16</b>	<b>HSP051-4N10</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power - Peak Pulse	-	-	-	-
Voltage - Reverse Standoff (Typ)	3V	3V	3V	3.6V
Applications	Automotive, HDMI	HDMI	HDMI	HDMI
Unidirectional Channels	4	4	8	4
Supplier Device Package	10-UQFN (2.5x1)	8-UQFN (2x1)	16-UQFN (3.5x1.5)	10-uQFN (1.9x1)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	HSP061	HSP061	HSP061	HSP051
Package / Case	10-XFDNFN	8-UFDNFN	16-UFDNFN Exposed Pad	10-XFDNFN
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Voltage - Clamping (Max) @ Ipp	15V	18V (Typ)	14V (Typ)	10V
Voltage - Breakdown (Min)	6V	6V	6V	4.5V
Power Line Protection	Yes	Yes	Yes	Yes
Capacitance @ Frequency	0.6pF @ 1MHz	0.5pF @ 200MHz ~ 3GHz	0.6pF @ 200MHz ~ 3GHz	0.4pF @ 200MHz ~ 2.5GHz
Type	Steering (Rail to Rail)	Steering (Rail to Rail)	Steering (Rail to Rail)	Steering (Rail to Rail)
Current - Peak Pulse (10/1000µs)	1A (8/20µs)	3A (8/20µs)	3A (8/20µs)	1A (8/20µs)
Series	Automotive, AEC-Q101, HSPY	HSP	HSP	HSP

### HSP061-4M10Y Datasheet PDF

Download HSP061-4M10Y pdf datasheets and STMicroelectronics documentation for HSP061-4M10Y - STMicroelectronics.

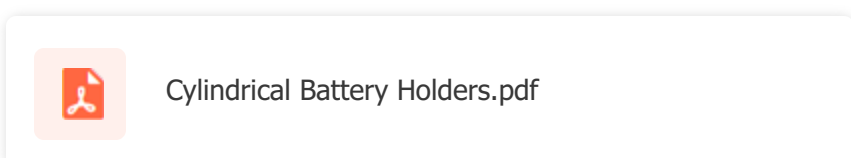
#### PCN Packaging



#### PCN Assembly/Origin



#### HTML Datasheet



### Customers Also Interested in

## Recommended Products



**HSP303A**

Electro-Films (EFI) / Vishay



**HSP303A-11**

Silicon Power



**HSP061-4NY8**

STMicroelectronics  
TVS DIODE 3VWM 18VC 8-UQFN



**HSP061-8M16**

STMicroelectronics  
TVS DIODE 3VWM 14VC 16UQFN



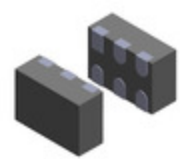
**HSP051-4N10**

STMicroelectronics  
TVS DIODE 3.6VWM 10VC 10UQFN



**HSP051-4M10**

STMicroelectronics  
TVS DIODE 3.6VWM 10VC 10UQFN



**HSP062-2M6**

STMicroelectronics  
TVS DIODE 3VWM 18VC 6UQFN



**HSP061-2P6Y**

STMicroelectronics  
TVS DIODE 5VWM 18VC SOT666



**HSP061-4M10**

STMicroelectronics  
TVS DIODE 3VWM 15VC 10UQFN



**HSP303A.**

Silicon Power



**HSP183-04**

Micrel / Microchip Technology



**HSP061-2M6**

STMicroelectronics  
TVS DIODE 3VWM 6UQFN



**HSP1137**

Panasonic



**HSP061-2N4**

STMicroelectronics  
TVS DIODE 3VWM 4UQFN



NO PICTURE

**HSP303D**

Conexant  
CONEXANT HSP30 HSP PCI MODEM IC



NO PICTURE

**HSP303A-TR**

CONEXANT



**HSP061-2P6**

STMicroelectronics  
TVS DIODE 3VWM SOT666



NO PICTURE

**HSP303D-TR**

Conexant  
CONEXANT HSP30 HSP PCI MODEM IC

## 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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+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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WWW.ALLELCOELEC.COM

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