



Image may be representation.
See specifications for product details.



STS10DN3LH5

Manufacturer Part Number	STS10DN3LH5
Manufacturer	STMicroelectronics
Allelco Part Number	32D-ST510DN3LH5
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET 2N-CH 30V 10A 8-SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	STS10DN3LH5.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STS10DN3LH5 - STMicroelectronics.New Original in Stock. Download Linear Technology STS10DN3LH5 datasheet/specifications on AllelcoElec.com.
Request a quote for STS10DN3LH5, please send us email: info@allelco.com

Specifications

STS10DN3LH5 Tech Specifications
STS10DN3LH5 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	1V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	475pF @ 25V
Supplier Device Package	8-SOIC	Gate Charge (Qg) (Max) @ Vgs	4.6nC @ 5V
Series	STripFET™ V	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	21mOhm @ 5A, 10V	Drain to Source Voltage (Vdss)	30V
Power - Max	2.5W	Current - Continuous Drain (Id) @ 25°C	10A
Package / Case	8-SOIC (0.154", 3.90mm Width)	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	STS10

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STS10DN3LH5

Product Attribute					
Part Number	STS10DN3LH5	STS11NF3LL	STS10P4LLF6	STS11N3LLH5	
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount	
Gate Charge (Qg) (Max) @ Vgs	4.6nC @ 5V	-	34 nC @ 4.5 V	5 nC @ 4.5 V	
Power - Max	2.5W	-	-	-	
Configuration	2 N-Channel (Dual)	-	-	-	
Input Capacitance (Ciss) (Max) @ Vds	475pF @ 25V	-	3525 pF @ 25 V	724 pF @ 25 V	
Rds On (Max) @ Id, Vgs	21mOhm @ 5A, 10V	-	15mOhm @ 3A, 10V	14mOhm @ 5.5A, 10V	
Base Product Number	STS10	-	STS10	STS11	
Technology	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	
Series	STripFET™ V	-	STripFET™ F6	STripFET™ V	
FET Feature	Logic Level Gate	-	-	-	
Package / Case	8-SOIC (0.154", 3.90mm Width)	-	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	
Operating Temperature	-55°C ~ 150°C (TJ)	-	150°C (TJ)	-55°C ~ 150°C (TJ)	
Current - Continuous Drain (Id) @ 25°C	10A	-	10A (Ta)	11A (Tc)	
Supplier Device Package	8-SOIC	-	8-SOIC	8-SOIC	
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	Tape & Reel (TR)	
Drain to Source Voltage (Vdss)	30V	-	40 V	30 V	
Vgs(th) (Max) @ Id	1V @ 250µA	-	1V @ 250µA (Min)	1V @ 250µA	

STS10DN3LH5 Datasheet PDF

Download STS10DN3LH5 pdf datasheets and STMicroelectronics documentation for STS10DN3LH5 - STMicroelectronics.

Datasheets

[STS10DN3LH5.pdf](#)

PCN Packaging

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

Customers Also Interested in

Recommended Products



STS11NF3LL
STMicroelectronics

STS10P4LLF6
STMicroelectronics
MOSFET P-CH 40V 10A 850

STS11N3LLH5
STMicroelectronics
MOSFET N-CH 30V 11A 850

STS10P3LLH6
STMicroelectronics
MOSFET P-CH 30V 10A 850

STS10N3LH5
STMicroelectronics
MOSFET N-CH 30V 10A 850

STS-04-D
HCH



STS05DTP03
STMicroelectronics
TRANS NPN/PNP 30V 5A 850

STS12NF30L
STMicroelectronics
MOSFET N-CH 30V 12A 850

STS10PF30L
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MOSFET P-CH 30V 10A 850

STS126
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STS-31-DIS
Sensirion AG
SENSOR DIGITAL 0C-90C 8TDFN

STS10NF30L
VBSEMI



STS11NF30L
STMicroelectronics
MOSFET N-CH 30V 11A 850

STS12NH3LL
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MOSFET N-CH 30V 12A 850

STS12N3LLH5
STMicroelectronics
MOSFET N-CH 30V 12A 850

STS10N3LH5 MOS
STMicroelectronics

STS104B
SELMAC

STS01DTP06
STMicroelectronics
TRANS NPN/PNP 30V 3A 850

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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 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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