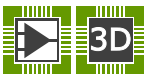






STL62P3LLH6

Manufacturer Part Number	STL62P3LLH6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STL62P3LLH6
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET P-CH 30V 62A POWERFLAT
Package	8-PowerVDFN
Data sheet	STL62P3LLH6.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

STL62P3LLH6 - STMicroelectronics.New Original in Stock. Download Linear Technology STL62P3LLH6 datasheet/specifications on AllelcoElec.com.
Request a quote for STL62P3LLH6, please send us email: info@allelco.com

Specifications



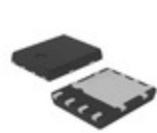

STL62P3LLH6 Tech Specifications

STL62P3LLH6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	175°C (TJ)
Vgs(th) (Max) @ Id	1V @ 250µA (Min)	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	3350 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	33 nC @ 4.5 V
Supplier Device Package	PowerFlat™ (5x6)	FET Type	P-Channel
Series	STripFET™ H6	FET Feature	-
Rds On (Max) @ Id, Vgs	10.5mOhm @ 7A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	100W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	8-PowerVDFN	Current - Continuous Drain (Id) @ 25°C	62A (Tc)
Package	Tape & Reel (TR)	Base Product Number	STL62

Parts with Similar Specifications


The three parts on the right have similar specifications to STMicroelectronics STL62P3LLH6

Product Attribute	 NO PICTURE	 life.augmented		 NO PICTURE
Part Number	STL62P3LLH6	STL66N3LLH5	STL65N3LLH5	STL6221-1C4F
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	SETELI
Input Capacitance (Ciss) (Max) @ Vds	3350 pF @ 25 V	1500 pF @ 25 V	1500 pF @ 25 V	-
Current - Continuous Drain (Id) @ 25°C	62A (Tc)	80A (Tc)	65A (Tc)	-
Mounting Type	Surface Mount	Surface Mount, Wettable Flank	Surface Mount	-
Gate Charge (Qg) (Max) @ Vgs	33 nC @ 4.5 V	12 nC @ 4.5 V	12 nC @ 4.5 V	-
Drain to Source Voltage (Vdss)	30 V	30 V	30 V	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-
Vgs(th) (Max) @ Id	1V @ 250µA (Min)	3V @ 250µA	1V @ 250µA	-
FET Type	P-Channel	N-Channel	N-Channel	-
Power Dissipation (Max)	100W (Tc)	72W (Tc)	60W (Tc)	-
Supplier Device Package	PowerFlat™ (5x6)	PowerFlat™ (5x6)	PowerFlat™ (5x6)	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	-
Vgs (Max)	±20V	±22V	±22V	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	4.5V, 10V	-
Series	STripFET™ H6	Automotive, AEC-Q101, STripFET™ V	STripFET™ V	-
Operating Temperature	175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)	-
FET Feature	-	-	-	-
Rds On (Max) @ Id, Vgs	10.5mOhm @ 7A, 10V	5.8mOhm @ 10.5A, 10V	5.8mOhm @ 9.5A, 10V	-
Base Product Number	STL62	STL66	STL65	-
Package / Case	8-PowerVDFN	8-PowerVDFN	8-PowerVDFN	-


STL62P3LLH6 Datasheet PDF

Download STL62P3LLH6 pdf datasheets and STMicroelectronics documentation for STL62P3LLH6 - STMicroelectronics.

Datasheets


[STL62P3LLH6.pdf](#)

PCN Packaging




















[Mult Dev Inner Box Chg 9/Dec/2021.pdf](#)

PCN Obsolescence/ EOL

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 NO PICTURE		 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE
STL6221-1C4F SENTELI	STL66N3LLH5 STMicroelectronics MOSFET N-CH 30V 80A POWERFLAT	STL6241-3C4F SENTELI	STL6931-1C4F GREEN	STL6221-1C4RD SENTELIC	STL6221-1A4F SENTELIC
 NO PICTURE	 NO PICTURE	 NO PICTURE		 NO PICTURE	 NO PICTURE
STL6231-1K4L SENTELIC	STL6121-2H4F SENTELIC	STL6251-3C4F SENTELIC	STL65DN3LLH5 STMicroelectronics MOSFET 2N-CH 30V 65A POWERFLAT	STL6241-1A4F AVC	STL6220-1CXR GREEN
	 NO PICTURE		 NO PICTURE	 NO PICTURE	 NO PICTURE
STL64DN4F7AG STMicroelectronics MOSFET N-CH 40V 40A POWERFLAT	STL6921-1B4F SENTELIC	STL65N3LLH5 STMicroelectronics MOSFET N-CH 30V 65A POWERFLAT	STL6921-1C4F SENTELIC	STL6921-1A4F SENTELIC	STL6121-2C4F SENTELIC

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.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com