

Image may be representation.
See specifications for product details.



SPP20N60S5

Manufacturer Part Number	SPP20N60S5
Manufacturer	Infineon Technologies
Allelco Part Number	32D-SPP20N60S5
ECAD Model	 PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N-CH 650V 20A TO220-3
Package	TO-220-3
Data sheet	SPP20N60S5.pdf

Get a Quote

SPP20N60S5 - Infineon Technologies. New Original in Stock. Download Linear Technology SPP20N60S5 datasheet/specifications on AllelcoElec.com.
Request a quote for SPP20N60S5, please send us email: info@allelco.com





Specifications

SPP20N60S5 Tech Specifications
SPP20N60S5 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	5.5V @ 1mA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	3000 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	103 nC @ 10 V
Supplier Device Package	PG-TO220-3-1	FET Type	N-Channel
Series	CoolMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	190mOhm @ 13A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	208W (Tc)	Drain to Source Voltage (Vdss)	650 V
Package / Case	TO-220-3	Current - Continuous Drain (Id) @ 25°C	20A (Tc)
Package	Tube	Base Product Number	SPP20N

Parts with Similar Specifications


The three parts on the right have similar specifications to Infineon Technologies SPP20N60S5

Product Attribute				
Part Number	SPP20N60S5	SPP20N60C3	SPP21N10	SPP20N60CFD
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)
Rds On (Max) @ Id, Vgs	190mOhm @ 13A, 10V	-	80mOhm @ 15A, 10V	-
Drain to Source Voltage (Vdss)	650 V	-	100 V	-
Vgs(th) (Max) @ Id	5.5V @ 1mA	-	4V @ 44µA	-
Series	CoolMOS™	*	SIPMOS®	-
FET Feature	-	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	10V	-	10V	-
Vgs (Max)	±20V	-	±20V	-
Current - Continuous Drain (Id) @ 25°C	20A (Tc)	-	21A (Tc)	-
Base Product Number	SPP20N	-	SPP21N	-
FET Type	N-Channel	-	N-Channel	-
Package	Tube	Bulk	Tube	-
Input Capacitance (Ciss) (Max) @ Vds	3000 pF @ 25 V	-	865 pF @ 25 V	-
Gate Charge (Qg) (Max) @ Vgs	103 nC @ 10 V	-	38.4 nC @ 10 V	-
Operating Temperature	-55°C ~ 150°C (TJ)	-	-55°C ~ 175°C (TJ)	-
Mounting Type	Through Hole	-	Through Hole	-
Technology	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)	-
Power Dissipation (Max)	208W (Tc)	-	90W (Tc)	-
Package / Case	TO-220-3	-	TO-220-3	-
Supplier Device Package	PG-TO220-3-1	-	PG-TO220-3-1	-

SPP20N60S5 Datasheet PDF

Download SPP20N60S5 pdf datasheets and Infineon Technologies documentation for SPP20N60S5 - Infineon Technologies.

Other Related Documents

 Part Number Guide.pdf

Customers Also Interested in

Recommended Products

**SPP20N60CFD**Cypress Semiconductor
(Infineon Technologies)
IGBT Module**SPP2095T252RG**

SYNCPOWER

SPP20N60C2Cypress Semiconductor
(Infineon Technologies)**SPP20N60C3 MOS**Cypress Semiconductor
(Infineon Technologies)**SPP20M60C3**Cypress Semiconductor
(Infineon Technologies)**SPP18P06PH**Cypress Semiconductor
(Infineon Technologies)**SPP21N50C3 MOS**Cypress Semiconductor
(Infineon Technologies)**SPP20N06C2**Cypress Semiconductor
(Infineon Technologies)**SPP2301AS23RG**

SYNC

SPP20N65C3Cypress Semiconductor
(Infineon Technologies)
IGBT Module**SPP21N50C3**Cypress Semiconductor
(Infineon Technologies)
IGBT Module**SPP2301S23RG**

SYNCPOWER

**SPP2301DS23RGB**

SYNCPOWER

SPP2301AS23RGB

SYNCPOW

SPP20N60C3Infineon Technologies
POWER FIELD-EFFECT TRANSISTOR,
2**SPP20N50C3**Cypress Semiconductor
(Infineon Technologies)**SPP21N10**Infineon Technologies
MOSFET N-CH 100V 21A TO220-3**SPP2301S23RGB**

SYNCPOWER

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.

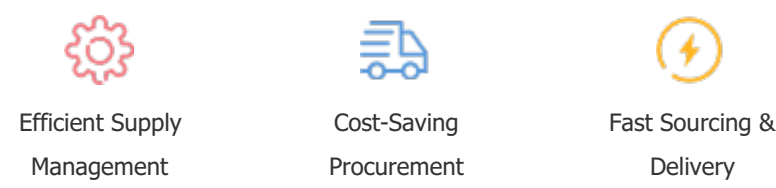
Contact us if you have any questions.

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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