





SPA11N60C3

Manufacturer Part Number	SPA11N60C3
Manufacturer	Infineon Technologies
Allelco Part Number	32D-SPA11N60C3
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	POWER FIELD-EFFECT TRANSISTOR, 1
Package	TO-220-3 Full Pack
Data sheet	SPA11N60C3.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SPA11N60C3 - Infineon Technologies. New Original in Stock. Download Linear Technology SPA11N60C3 datasheet/specifications on AllelcoElec.com.
Request a quote for SPA11N60C3, please send us email: info@allelco.com

Specifications





SPA11N60C3 Tech Specifications

SPA11N60C3 - 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	3.9V @ 500µA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	1200 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	60 nC @ 10 V
Supplier Device Package	PG-TO220-3-111	FET Type	N-Channel
Series	CoolMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	380mOhm @ 7A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	33W (Tc)	Drain to Source Voltage (Vdss)	600 V
Package / Case	TO-220-3 Full Pack	Current - Continuous Drain (Id) @ 25°C	11A (Tc)
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies SPA11N60C3

Product Attribute	 NO PICTURE			
Part Number	SPA11N60C3	SPA08N80C3XKSA1	SPA11N50C3	SPA08N80C3
Manufacturer	Infineon Technologies	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)	Infineon Technologies
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-	-
Input Capacitance (Ciss) (Max) @ Vds	1200 pF @ 25 V	1100 pF @ 100 V	-	-
Supplier Device Package	PG-TO220-3-111	PG-TO220-3-31	-	-
Gate Charge (Qg) (Max) @ Vgs	60 nC @ 10 V	60 nC @ 10 V	-	-
Power Dissipation (Max)	33W (Tc)	40W (Tc)	-	-
Package	Bulk	Tube	-	-
Drain to Source Voltage (Vdss)	600 V	800 V	-	-
FET Type	N-Channel	N-Channel	-	-
FET Feature	-	-	-	-
Mounting Type	Through Hole	Through Hole	-	-
Vgs (Max)	±20V	±20V	-	-
Current - Continuous Drain (Id) @ 25°C	11A (Tc)	8A (Tc)	-	-
Rds On (Max) @ Id, Vgs	380mOhm @ 7A, 10V	650mOhm @ 5.1A, 10V	-	-
Vgs(th) (Max) @ Id	3.9V @ 500µA	3.9V @ 470µA	-	-
Package / Case	TO-220-3 Full Pack	TO-220-3 Full Pack	-	-
Series	CoolMOS™	CoolMOS™	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	-
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	-	-

Customers Also Interested in

Recommended Products



SPA11N50C3

Cypress Semiconductor (Infineon Technologies)



SPA08N80C3

Infineon Technologies
SPA08N80 - 800V COOLMOS N-CHANNEL



SPA08N80C3 MOS

Cypress Semiconductor (Infineon Technologies)



SPA100N10N

Cypress Semiconductor (Infineon Technologies)



SPA11N60C3 MOS

Cypress Semiconductor (Infineon Technologies)



SPA11N65C3

Cypress Semiconductor (Infineon Technologies)



NO PICTURE



SPA11N80C3 MOSCypress Semiconductor
(Infineon Technologies)**SPA11N60CFD**Cypress Semiconductor
(Infineon Technologies)
IGBT Module**SPA110102**

RFMD



NO PICTURE

SPA09N65C3Cypress Semiconductor
(Infineon Technologies)**SPA1118Z**

SIRENZA

**SPA08N80C3XKSA1**Infineon Technologies
MOSFET N-CH 800V 8A TO220-FP**SPA11N60C3 11N60C3**Cypress Semiconductor
(Infineon Technologies)**SPA12N50C3**Cypress Semiconductor
(Infineon Technologies)**SPA090F**

SPSEMI

SPA11N60S5 11N60S5Cypress Semiconductor
(Infineon Technologies)**SPA08N80C3 08N80C3**Cypress Semiconductor
(Infineon Technologies)**SPA11N80C3**Cypress Semiconductor
(Infineon Technologies)

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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