

SPA11N60C3

ECAD Model

Package

Manufacturer Part Number **SPA11N60C3**

Infineon Technologies Manufacturer

Allelco Part Number 32D-SPA11N60C3

PCB Symbol, Footprint & 3D Mode

POWER FIELD-EFFECT TRANSISTOR, 1 Parts Description

TO-220-3 Full Pack

SPA11N60C3.pdf Data sheet ROHS3 Compliant RoHs Status

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



Get a Quote

Specifications

SPA11N60C3 Tech Specifications

SPA11N60C3 - Infineon Technologies technical specifications, attributes, parameters

| SPATINOUCS - Infiniteon 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

| The three parts on the right have similar specifications to infinieon rechnologies sparinoucs | | | | |
|---|-----------------------|-----------------------|---|-----------------------|
| Product Attribute | NO PICTURE | | infineon | infineon |
| 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 TM | CoolMOS TM | - | - |
| 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)

Infineon Technologies

SPA08N80C3

SPA08N80 - 800V COOLMOS N-CHANNE



SPA08N80C3 MOS

Cypress Semiconductor (Infineon Technologies)

SPA100N10N Cypress Semiconductor (Infineon Technologies) SPA11N60C3 MOS Cypress Semiconductor

(Infineon Technologies)

SPA11N65C3 Cypress Semiconductor (Infineon Technologies)













SPA11N80C3 MOS

Cypress Semiconductor (Infineon Technologies)

SPA11N60CFD Cypress Semiconductor (Infineon Technologies)

IGBT Module



SPA09N65C3 Cypress Semiconductor (Infineon Technologies)



SIRENZA

SPA08N80C3XKSA1

Infineon Technologies MOSFET N-CH 800V 8A TO220-FP













SPA11N60C3 11N60C3

Cypress Semiconductor (Infineon Technologies) **SPA12N50C3**

Cypress Semiconductor (Infineon Technologies)



SPA090F

SPSEMI

Cypress Semiconductor (Infineon Technologies)

SPA11N60S5 11N60S5

Cypress Semiconductor

(Infineon Technologies)



SPA08N80C3 08N80C3 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.





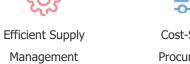


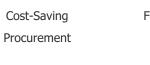




Your Faithful Supply Chain Partner -









Contact us if you have any questions.







Certifications & Memberships













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