



Image may be representation.
See specifications for product details.



SPP80P06PHXKSA1

Manufacturer Part Number	SPP80P06PHXKSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-SPP80P06PHXKSA1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET P-CH 60V 80A TO220-3
Package	TO-220-3
Data sheet	SPP80P06PHXKSA1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SPP80P06PHXKSA1 - Infineon Technologies.New Original in Stock. Download Linear Technology SPP80P06PHXKSA1 datasheet/specifications on AllelcoElec.com. Request a quote for SPP80P06PHXKSA1, please send us email: info@allelco.com

Specifications

SPP80P06PHXKSA1 Tech Specifications
SPP80P06PHXKSA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	4V @ 5.5mA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	5033 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	173 nC @ 10 V
Supplier Device Package	PG-TO220-3-1	FET Type	P-Channel
Series	SIPMOS®	FET Feature	-
Rds On (Max) @ Id, Vgs	23mOhm @ 64A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	340W (Tc)	Drain to Source Voltage (Vdss)	60 V
Package / Case	TO-220-3	Current - Continuous Drain (Id) @ 25°C	80A (Tc)
Package	Tube	Base Product Number	SPP80P06

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies SPP80P06PHXKSA1

Product Attribute				
Part Number	SPP80P06PHXKSA1	SPP80N10L	SPP80N08S2-07	SPP80P06P
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-
Base Product Number	SPP80P06	SPP80N	SPP80N	-
Vgs(th) (Max) @ Id	4V @ 5.5mA	2V @ 2mA	4V @ 250µA	-
Mounting Type	Through Hole	Through Hole	Through Hole	-
Drive Voltage (Max Rds On, Min Rds On)	10V	4.5V, 10V	10V	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-
FET Type	P-Channel	N-Channel	N-Channel	-
Gate Charge (Qg) (Max) @ Vgs	173 nC @ 10 V	240 nC @ 10 V	180 nC @ 10 V	-
Rds On (Max) @ Id, Vgs	23mOhm @ 64A, 10V	14mOhm @ 58A, 10V	7.4mOhm @ 66A, 10V	-
Package / Case	TO-220-3	TO-220-3	TO-220-3	-
Series	SIPMOS®	SIPMOS®	OptiMOS™	-
Power Dissipation (Max)	340W (Tc)	250W (Tc)	300W (Tc)	-
Vgs (Max)	±20V	±20V	±20V	-
Current - Continuous Drain (Id) @ 25°C	80A (Tc)	80A (Tc)	80A (Tc)	-
Drain to Source Voltage (Vdss)	60 V	100 V	75 V	-
Package	Tube	Tube	Tube	-
FET Feature	-	-	-	-
Supplier Device Package	PG-TO220-3-1	PG-TO220-3-1	PG-TO220-3-1	-
Input Capacitance (Ciss) (Max) @ Vds	5033 pF @ 25 V	4540 pF @ 25 V	6130 pF @ 25 V	-

SPP80P06PHXKSA1 Datasheet PDF

Download SPP80P06PHXKSA1 pdf datasheets and Infineon Technologies documentation for SPP80P06PHXKSA1 - Infineon Technologies.

Other Related Documents

Part Number Guide.pdf

Customers Also Interested in

Recommended Products

**SPP80N10L**Infineon Technologies
MOSFET N-CH 100V 80A TO220-3**SPP80N08S2-07**Infineon Technologies
MOSFET N-CH 75V 80A TO220-3**SPP80P06P**Cypress Semiconductor
(Infineon Technologies)**SPP80N08S2L-074LBSM**Cypress Semiconductor
(Infineon Technologies)**SPP9435AS8RG**

VBSEMI

SPP9434S8RG

VBSEMI

**SPP80P06PH**Cypress Semiconductor
(Infineon Technologies)**SPP9434**

SYNCPower

SPP80P06P HCypress Semiconductor
(Infineon Technologies)**SPP9435**

SYNCPower

SPP80P06P 80P06PCypress Semiconductor
(Infineon Technologies)**SPP9433WS8RGB**

VBSEMI

**SPP80N08S2-07/2N0807**Cypress Semiconductor
(Infineon Technologies)**SPP9235S8RG**

VBSEMI

SPP80P06PH MOSCypress Semiconductor
(Infineon Technologies)**SPP9434S8RGB**

SYNCPower

SPP9433W

SYNCPower

SPP80P06PGCypress 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
ManagementCost-Saving
ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.

Phone
+00852 9146 4856Email
info@allelco.com

Certifications & Memberships



[View More](#)