



Image may be representation.
See specifications for product details.



SPD09P06PLGBTMA1

Manufacturer Part Number	SPD09P06PLGBTMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-SPD09P06PLGBTMA1
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET P-CH 60V 9.7A TO252-3
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	SPD09P06PLGBTMA1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SPD09P06PLGBTMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology SPD09P06PLGBTMA1 datasheet/specifications on AllelcoElec.com. Request a quote for SPD09P06PLGBTMA1, please send us email: info@allelco.com

Specifications

SPD09P06PLGBTMA1 Tech Specifications
SPD09P06PLGBTMA1 - 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	2V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	450 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	21 nC @ 10 V
Supplier Device Package	PG-TO252-3	FET Type	P-Channel
Series	SIPMOS®	FET Feature	-
Rds On (Max) @ Id, Vgs	250mOhm @ 6.8A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	42W (Tc)	Drain to Source Voltage (Vdss)	60 V
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	9.7A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SPD09P06

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies SPD09P06PLGBTMA1

Product Attribute				
Part Number	SPD09P06PLGBTMA1	SPD100N03S2L-04	SPD11N10	SPD08P06PLGBTMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
FET Type	P-Channel	N-Channel	N-Channel	P-Channel
Current - Continuous Drain (Id) @ 25°C	9.7A (Tc)	100A (Tc)	10.5A (Tc)	8.83A (Ta)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	SIPMOS®	OptiMOS™	SIPMOS®	SIPMOS®
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	10V	6.2V
FET Feature	-	-	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Power Dissipation (Max)	42W (Tc)	150W (Tc)	50W (Tc)	42W (Tc)
Vgs (Max)	±20V	±20V	±20V	±20V
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Base Product Number	SPD09P06	SPD100N	SPD11N	SPD08P06
Supplier Device Package	PG-TO252-3	PG-TO252-5-1	PG-TO252-3-11	PG-TO252-3
Vgs(th) (Max) @ Id	2V @ 250µA	2V @ 100µA	4V @ 21µA	4V @ 250µA
Rds On (Max) @ Id, Vgs	250mOhm @ 6.8A, 10V	4.2mOhm @ 50A, 10V	170mOhm @ 7.8A, 10V	300mOhm @ 10A, 6.2V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Gate Charge (Qg) (Max) @ Vgs	21 nC @ 10 V	89.7 nC @ 10 V	18.3 nC @ 10 V	13 nC @ 10 V
Drain to Source Voltage (Vdss)	60 V	30 V	100 V	60 V
Input Capacitance (Ciss) (Max) @ Vds	450 pF @ 25 V	3320 pF @ 25 V	400 pF @ 25 V	420 pF @ 25 V

SPD09P06PLGBTMA1 Datasheet PDF

Download SPD09P06PLGBTMA1 pdf datasheets and Infineon Technologies documentation for SPD09P06PLGBTMA1 - Infineon Technologies.

Other Related Documents

[Part Number Guide.pdf](#)




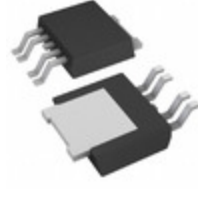














PCN Packaging

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Customers Also Interested in

Recommended Products

 SPD09N05 Cypress Semiconductor (Infineon Technologies)	 SPD08P06PG MOS Cypress Semiconductor (Infineon Technologies)	 NO PICTURE SPD14N05 Siemens	 SPD100N03S2L-04 Infineon Technologies MOSFET N-CH 30V 100A TO252-5	 SPD11N10 Infineon Technologies MOSFET N-CH 100V 10.5A TO252-3	 SPD13N05L Cypress Semiconductor (Infineon Technologies)
 SPD08P06PGBTMA1 Infineon Technologies MOSFET P-CH 60V 8.83A TO252-3	 SPD08P06P Infineon Technologies MOSFET P-CH 60V 8.83A TO252-3	 SPD121-TF AMI Semiconductor/onsemi	 NO PICTURE SPD08P06PG VBSEMI	 SPD09N05 MOS Cypress Semiconductor (Infineon Technologies)	 SPD09P06PL MOS Cypress Semiconductor (Infineon Technologies)
 NO PICTURE SPD100G SAMARTEC	 SPD121T onsemi Rectifier Diode, Schottky, 0.05A	 SPD09P06PLG Cypress Semiconductor (Infineon Technologies)	 SPD09P06PL Infineon Technologies MOSFET P-CH 60V 9.7A TO252-3	 SPD127R-333M API Delevan Inc. FIXED IND 33UH 3A 65 MOHM SMD	 NO PICTURE SPD10N10 VBSEMI

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
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Certifications & Memberships



View More

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