



# BSB028N06NN3GXUMA1

Manufacturer Part Number	<b>BSB028N06NN3GXUMA1</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-BSB028N06NN3GXUMA1
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 60V 22A/90A 2WDSO
Package	3-WDSO
Data sheet	BSB028N06NN3GXUMA1.pdf
RoHs Status	ROHS3 Compliant



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BSB028N06NN3GXUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology BSB028N06NN3GXUMA1 datasheet/specifications on AllelcoElec.com.  
Request a quote for BSB028N06NN3GXUMA1, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

BSB028N06NN3GXUMA1 Tech Specifications  
BSB028N06NN3GXUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-40°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	4V @ 102µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	12000 pF @ 30 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	143 nC @ 10 V
Supplier Device Package	MG-WDSO-2, CanPAK M™	FET Type	N-Channel
Series	OptiMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	2.8mOhm @ 30A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	2.2W (Ta), 78W (Tc)	Drain to Source Voltage (Vdss)	60 V
Package / Case	3-WDSO	Current - Continuous Drain (Id) @ 25°C	22A (Ta), 90A (Tc)
Package	Tape & Reel (TR)	Base Product Number	BSB028

## Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BSB028N06NN3GXUMA1

Product Attribute	NO PICTURE			NO PICTURE
Part Number	BSB028N06NN3GXUMA1	BSB053N03LPG	BSB056N10NN3GXUMA1	BSB150N15NZ3G
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	INFINEONINEON
Drive Voltage (Max Rds On, Min Rds On)	10V	4.5V, 10V	6V, 10V	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-
Gate Charge (Qg) (Max) @ Vgs	143 nC @ 10 V	29 nC @ 10 V	74 nC @ 10 V	-
Power Dissipation (Max)	2.2W (Ta), 78W (Tc)	2.3W (Ta), 42W (Tc)	2.8W (Ta), 78W (Tc)	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Drain to Source Voltage (Vdss)	60 V	30 V	100 V	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-
Vgs(th) (Max) @ Id	4V @ 102µA	2.2V @ 250µA	3.5V @ 100µA	-
FET Type	N-Channel	N-Channel	N-Channel	-
Base Product Number	BSB028	-	BSB056	-
Series	OptiMOS™	OptiMOS™	OptiMOS™	-
Rds On (Max) @ Id, Vgs	2.8mOhm @ 30A, 10V	5.3mOhm @ 30A, 10V	5.6mOhm @ 30A, 10V	-
Input Capacitance (Ciss) (Max) @ Vds	12000 pF @ 30 V	2700 pF @ 15 V	5500 pF @ 50 V	-
Package / Case	3-WDSO	3-WDSO	3-WDSO	-
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	-
FET Feature	-	-	-	-
Supplier Device Package	MG-WDSO-2, CanPAK M™	MG-WDSO-2, CanPAK M™	MG-WDSO-2, CanPAK M™	-
Vgs (Max)	±20V	±20V	±20V	-
Current - Continuous Drain (Id) @ 25°C	22A (Ta), 90A (Tc)	17A (Ta), 71A (Tc)	9A (Ta), 83A (Tc)	-

## BSB028N06NN3GXUMA1 Datasheet PDF

Download BSB028N06NN3GXUMA1 pdf datasheets and Infineon Technologies documentation for BSB028N06NN3GXUMA1 - Infineon Technologies.

### Other Related Documents

Part Number Guide.pdf



















### PCN Packaging

Mult Dev Pkg Box Chg 3/Jan/2018.pdf

Mult Dev Reel Design Chg 2/Dec/2019.pdf

## Customers Also Interested in

### Recommended Products

 <b>BSB053N03LPG</b> Infineon Technologies N-CHANNEL POWER MOSFET	 <b>BSB150N15N23G</b> INFINEONINEON	 <b>BSB044N08NN3G</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB056N10NN3GXUMA1</b> Infineon Technologies MOSFET N-CH 100V 9A/83A 2WDSO	 <b>BSB028N06NN3G</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB015N04NX3G</b> INFINEONINEON
 <b>BSB024N03LXG</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB053N03LTG</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB019N03LXG</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB104N08NP3G</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB017N03X3G</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB028N06NN3</b> Cypress Semiconductor (Infineon Technologies)
 <b>BSB017N03LX3G</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB022NE2LXG</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB017N03LX3</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB105N04NX3G</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB018NE2LXG</b> Cypress Semiconductor (Infineon Technologies)	 <b>BSB056N10NN3G</b> 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 -

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-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

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### Certifications & Memberships



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