



Image may be representation.
See specifications for product details.



BSS138NH6327XTSA2

Manufacturer Part Number	BSS138NH6327XTSA2
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BSS138NH6327XTSA2
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET N-CH 60V 230MA SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	BSS138NH6327XTSA2.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BSS138NH6327XTSA2 - Infineon Technologies.New Original in Stock. Download Linear Technology BSS138NH6327XTSA2 datasheet/specifications on AllelcoElec.com.
Request a quote for BSS138NH6327XTSA2, please send us email: info@allelco.com

Specifications

BSS138NH6327XTSA2 Tech Specifications

BSS138NH6327XTSA2 - 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	1.4V @ 26µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	41 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	1.4 nC @ 10 V
Supplier Device Package	PG-SOT23	FET Type	N-Channel
Series	SIPMOS®	FET Feature	-
Rds On (Max) @ Id, Vgs	3.50hm @ 230mA, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	360mW (Ta)	Drain to Source Voltage (Vdss)	60 V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	230mA (Ta)
Package	Tape & Reel (TR)	Base Product Number	BSS138

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BSS138NH6327XTSA2

Product Attribute				
Part Number	BSS138NH6327XTSA2	BSS138LT3G	BSS138Q-7-F	BSS138TA
Manufacturer	Infineon Technologies	onsemi	Diodes Incorporated	Diodes Incorporated
Input Capacitance (Ciss) (Max) @ Vds	41 pF @ 25 V	50 pF @ 25 V	50 pF @ 10 V	50 pF @ 10 V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Current - Continuous Drain (Id) @ 25°C	230mA (Ta)	200mA (Ta)	200mA (Ta)	200mA (Ta)
Vgs (Max)	±20V	±20V	±20V	±20V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	1.4V @ 26µA	1.5V @ 1mA	1.5V @ 250µA	1.5V @ 250µA
Supplier Device Package	PG-SOT23	SOT-23-3 (TO-236)	SOT-23-3	SOT-23-3
Base Product Number	BSS138	BSS138	BSS138	BSS138
Power Dissipation (Max)	360mW (Ta)	225mW (Ta)	300mW (Ta)	300mW (Ta)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Drain to Source Voltage (Vdss)	60 V	50 V	50 V	50 V
Gate Charge (Qg) (Max) @ Vgs	1.4 nC @ 10 V	-	-	-
FET Feature	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	SIPMOS®	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	5V	10V	10V
Rds On (Max) @ Id, Vgs	3.50hm @ 230mA, 10V	3.50hm @ 200mA, 5V	3.50hm @ 220mA, 10V	3.50hm @ 220mA, 10V

BSS138NH6327XTSA2 Datasheet PDF

Download BSS138NH6327XTSA2 pdf datasheets and Infineon Technologies documentation for BSS138NH6327XTSA2 - Infineon Technologies.

Other Related Documents

Part Number Guide.pdf

PCN Assembly/Origin

Mult Dev Site Chgs 2/Feb/2023.pdf

PCN Packaging



Carrier Tape Update 03/Jun/2015.pdf

PCN Obsolescence/ EOL



Multiple Devices 25/Nov/2011.pdf

Customers Also Interested in

Recommended Products



BSS138LT3G

onsemi
MOSFET N-CH 50V 200MA SOT23-3



BSS138Q-7-F

Diodes Incorporated
MOSFET N-CH 50V 200MA SOT23-3



NO PICTURE

BSS138P.215

NEPERIA



NO PICTURE

BSS138N

INFINEO



BSS138PW+115

Freescle / NXP Semiconductors



BSS138N L6327

Cypress Semiconductor
(Infineon Technologies)



BSS138N H6433

Cypress Semiconductor
(Infineon Technologies)



BSS138P

Nexperia



BSS138TA

Diodes Incorporated
MOSFET N-CH 50V 200MA SOT23-3



BSS138NH6433XTMA1

Infineon Technologies
MOSFET N-CH 60V 230MA SOT23-3



BSS138N H6327 code SKs

Cypress Semiconductor
(Infineon Technologies)



BSS138PW

Nexperia



BSS138N H6327 MOS

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BSS138NH6327 MOS

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BSS138N H6327

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BSS138N E6327

Cypress Semiconductor
(Infineon Technologies)



BSS138NH6327

Cypress Semiconductor
(Infineon Technologies)



BSS138PS

Nexperia

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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