



Image may be representation.
See specifications for product details.



BSS131H6327XTSA1

Manufacturer Part Number	BSS131H6327XTSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BSS131H6327XTSA1
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 240V 110MA SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	BSS131H6327XTSA1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BSS131H6327XTSA1 - Infineon Technologies. New Original in Stock. Download Linear Technology BSS131H6327XTSA1 datasheet/specifications on AllelcoElec.com. Request a quote for BSS131H6327XTSA1, please send us email: info@allelco.com

Specifications

BSS131H6327XTSA1 Tech Specifications
BSS131H6327XTSA1 - 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	1.8V @ 56µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	77 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	3.1 nC @ 10 V
Supplier Device Package	PG-SOT23	FET Type	N-Channel
Series	SIPMOS®	FET Feature	-
Rds On (Max) @ Id, Vgs	140hm @ 100mA, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	360mW (Ta)	Drain to Source Voltage (Vdss)	240 V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	110mA (Ta)
Package	Tape & Reel (TR)	Base Product Number	BSS131

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BSS131H6327XTSA1

Product Attribute				
Part Number	BSS131H6327XTSA1	BSS138	BSS127S-7	BSS138
Manufacturer	Infineon Technologies	Yangjie Technology	Diodes Incorporated	Fairchild Semiconductor
Rds On (Max) @ Id, Vgs	140hm @ 100mA, 10V	-	1600hm @ 16mA, 10V	-
Input Capacitance (Ciss) (Max) @ Vds	77 pF @ 25 V	-	21.8 pF @ 25 V	-
Technology	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Current - Continuous Drain (Id) @ 25°C	110mA (Ta)	-	50mA (Ta)	220mA (Ta)
Package / Case	TO-236-3, SC-59, SOT-23-3	-	TO-236-3, SC-59, SOT-23-3	-
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
FET Feature	-	-	-	-
Gate Charge (Qg) (Max) @ Vgs	3.1 nC @ 10 V	-	1.08 nC @ 10 V	-
Vgs(th) (Max) @ Id	1.8V @ 56µA	-	4.5V @ 250µA	-
Vgs (Max)	±20V	-	±20V	±20V
Drain to Source Voltage (Vdss)	240 V	-	600 V	50 V
Operating Temperature	-55°C ~ 150°C (TJ)	-	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Base Product Number	BSS131	-	BSS127	-
FET Type	N-Channel	-	N-Channel	N-Channel
Power Dissipation (Max)	360mW (Ta)	-	610mW (Ta)	-
Supplier Device Package	PG-SOT23	-	SOT-23-3	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Series	SIPMOS®	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	-	5V, 10V	-

BSS131H6327XTSA1 Datasheet PDF

Download BSS131H6327XTSA1 pdf datasheets and Infineon Technologies documentation for BSS131H6327XTSA1 - Infineon Technologies.

Other Related Documents

Part Number Guide.pdf

PCN Assembly/Origin

Mult Dev Site Chgs 2/Feb/2023.pdf

PCN Packaging



Customers Also Interested in

Recommended Products

**BSS135**

Siemens

**BSS138**Yangjie Technology
SOT-23 N 50V 0.34A Transistors**BSS131H6327XTSA**

INFINEO

**BSS131**Cypress Semiconductor
(Infineon Technologies)**BSS138 E7874**Cypress Semiconductor
(Infineon Technologies)**BSS131H6327**Cypress Semiconductor
(Infineon Technologies)**BSS127S-7**Diodes Incorporated
MOSFET N-CH 600V 50MA SOT23**BSS138 MOS**

Fairchild (onsemi)

**BSS127G-AE2-R**

UTC

**BSS138 R1**

PANJIT

**BSS131 H6327**Cypress Semiconductor
(Infineon Technologies)**BSS127 H6327**Cypress Semiconductor
(Infineon Technologies)**BSS138**Fairchild Semiconductor
SMALL SIGNAL FIELD-EFFECT
TRANSI**BSS127SSN-7**Diodes Incorporated
MOSFET N-CH 600V 50MA SC59**BSS127H6327**Cypress Semiconductor
(Infineon Technologies)**BSS138**onsemi
MOSFET N-CH 50V 220MA SOT23-3**BSS131 E6327**Cypress Semiconductor
(Infineon Technologies)**BSS138 E6327**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 Alleco 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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Email

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Certifications & Memberships



View More

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