

Image may be representation.
See specifications for product details.



BSS314PEH6327XTSA1

Manufacturer Part Number	BSS314PEH6327XTSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BSS314PEH6327XTSA1
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET P-CH 30V 1.5A SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	BSS314PEH6327XTSA1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BSS314PEH6327XTSA1 - Infineon Technologies.New Original in Stock. Download Linear Technology BSS314PEH6327XTSA1 datasheet/specifications on AllelcoElec.com. Request a quote for BSS314PEH6327XTSA1, please send us email: info@allelco.com

Specifications

BSS314PEH6327XTSA1 Tech Specifications

BSS314PEH6327XTSA1 - 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	2V @ 6.3µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	294 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	2.9 nC @ 10 V
Supplier Device Package	PG-SOT23	FET Type	P-Channel
Series	OptiMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	140mOhm @ 1.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	500mW (Ta)	Drain to Source Voltage (Vdss)	30 V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	1.5A (Ta)
Package	Tape & Reel (TR)	Base Product Number	BSS314

Parts with Similar Specifications

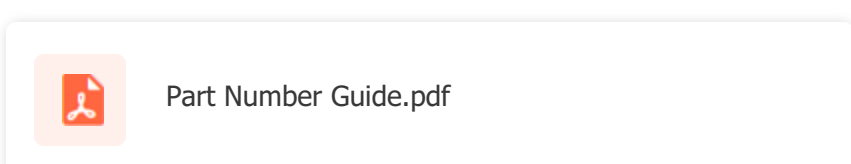
The three parts on the right have similar specifications to Infineon Technologies BSS314PEH6327XTSA1

Product Attribute				
Part Number	BSS314PEH6327XTSA1	BSS308PEH6327XTSA1	BSS315PH6327XTSA1	BSS316N
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)
Current - Continuous Drain (Id) @ 25°C	1.5A (Ta)	2A (Ta)	1.5A (Ta)	-
Power Dissipation (Max)	500mW (Ta)	500mW (Ta)	500mW (Ta)	-
Input Capacitance (Ciss) (Max) @ Vds	294 pF @ 15 V	500 pF @ 15 V	282 pF @ 15 V	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Rds On (Max) @ Id, Vgs	140mOhm @ 1.5A, 10V	80mOhm @ 2A, 10V	150mOhm @ 1.5A, 10V	-
FET Feature	-	-	-	-
Vgs(th) (Max) @ Id	2V @ 6.3µA	2V @ 11µA	2V @ 11µA	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-
Supplier Device Package	PG-SOT23	PG-SOT23	PG-SOT23	-
Base Product Number	BSS314	BSS308	BSS315	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	4.5V, 10V	-
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	-
Drain to Source Voltage (Vdss)	30 V	30 V	30 V	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	-
Gate Charge (Qg) (Max) @ Vgs	2.9 nC @ 10 V	5 nC @ 10 V	2.3 nC @ 5 V	-
Series	OptiMOS™	OptiMOS™	OptiMOS™	-
Vgs (Max)	±20V	±20V	±20V	-
FET Type	P-Channel	P-Channel	P-Channel	-

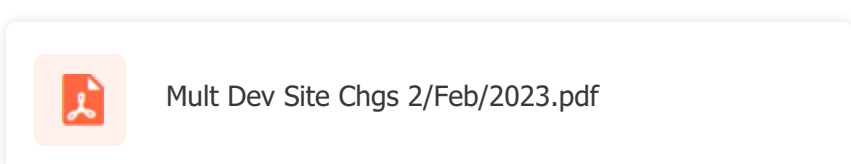
BSS314PEH6327XTSA1 Datasheet PDF

Download BSS314PEH6327XTSA1 pdf datasheets and Infineon Technologies documentation for BSS314PEH6327XTSA1 - Infineon Technologies.

Other Related Documents



PCN Assembly/Origin



PCN Packaging



Customers Also Interested in

Recommended Products

**BSS316N**Cypress Semiconductor
(Infineon Technologies)**BSS308PE L6327**Cypress Semiconductor
(Infineon Technologies)**BSS308PE H6327**Cypress Semiconductor
(Infineon Technologies)**BSS314PE E6327**Cypress Semiconductor
(Infineon Technologies)**BSS314PE H6327**Cypress Semiconductor
(Infineon Technologies)**BSS315P E6327**Cypress Semiconductor
(Infineon Technologies)**BSS308PEH6327XTSA1**Infineon Technologies
MOSFET P-CH 30V 2A SOT23-3

NO PICTURE

BSS315P

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**BSS315P MOS**Cypress Semiconductor
(Infineon Technologies)**BSS314PE**Cypress Semiconductor
(Infineon Technologies)**BSS308PEH6327**Cypress Semiconductor
(Infineon Technologies)**BSS315P H6327**Cypress Semiconductor
(Infineon Technologies)**BSS314PE L6327**Cypress Semiconductor
(Infineon Technologies)**BSS314PEH6327**Cypress Semiconductor
(Infineon Technologies)**BSS315PH6327**Cypress Semiconductor
(Infineon Technologies)**BSS315PH6327XTSA1**Infineon Technologies
MOSFET P-CH 30V 1.5A SOT23-3**BSS314PEH6327 MOS**Cypress Semiconductor
(Infineon Technologies)**BSS315P L6327**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 -



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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