

Image may be representation.
See specifications for product details.



BSP321PH6327XTSA1

Manufacturer Part Number	BSP321PH6327XTSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BSP321PH6327XTSA1
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 100V 980MA SOT223-4
Package	TO-261-4, TO-261AA
Data sheet	BSP321PH6327XTSA1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BSP321PH6327XTSA1 - Infineon Technologies.New Original in Stock. Download Linear Technology BSP321PH6327XTSA1 datasheet/specifications on AllelcoElec.com. Request a quote for BSP321PH6327XTSA1, please send us email: info@allelco.com

Specifications

BSP321PH6327XTSA1 Tech Specifications
BSP321PH6327XTSA1 - 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	4V @ 380µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	319 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	12 nC @ 10 V
Supplier Device Package	PG-SOT223-4	FET Type	P-Channel
Series	SIPMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	900mOhm @ 980mA, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	1.8W (Ta)	Drain to Source Voltage (Vdss)	100 V
Package / Case	TO-261-4, TO-261AA	Current - Continuous Drain (Id) @ 25°C	980mA (Tc)
Package	Tape & Reel (TR)	Base Product Number	BSP321

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BSP321PH6327XTSA1

Product Attribute				
Part Number	BSP321PH6327XTSA1	BSP322PL6327	BSP322PH6327XTSA1	BSP322PH6327
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)
Supplier Device Package	PG-SOT223-4	PG-SOT223-4-21	PG-SOT223-4	-
Drive Voltage (Max Rds On, Min Rds On)	10V	4.5V, 10V	4.5V, 10V	-
Vgs(th) (Max) @ Id	4V @ 380µA	1V @ 380µA	1V @ 380µA	-
Rds On (Max) @ Id, Vgs	900mOhm @ 980mA, 10V	800mOhm @ 1A, 10V	800mOhm @ 1A, 10V	-
Drain to Source Voltage (Vdss)	100 V	100 V	100 V	-
Vgs (Max)	±20V	±20V	±20V	-
Package / Case	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA	-
Current - Continuous Drain (Id) @ 25°C	980mA (Tc)	1A (Tc)	1A (Tc)	-
Base Product Number	BSP321	-	BSP322	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-
Input Capacitance (Ciss) (Max) @ Vds	319 pF @ 25 V	372 pF @ 25 V	372 pF @ 25 V	-
Series	SIPMOS™	SIPMOS®	SIPMOS®	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
FET Feature	-	-	-	-
FET Type	P-Channel	P-Channel	P-Channel	-
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	-
Power Dissipation (Max)	1.8W (Ta)	1.8W (Ta)	1.8W (Ta)	-
Gate Charge (Qg) (Max) @ Vgs	12 nC @ 10 V	16.5 nC @ 10 V	16.5 nC @ 10 V	-

BSP321PH6327XTSA1 Datasheet PDF

Download BSP321PH6327XTSA1 pdf datasheets and Infineon Technologies documentation for BSP321PH6327XTSA1 - 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

					
BSP322PH6327 Cypress Semiconductor (Infineon Technologies)	BSP322P Cypress Semiconductor (Infineon Technologies)	BSP321P H6327 IR	BSP320S L6327 Cypress Semiconductor (Infineon Technologies)	BSP322P H6327 Cypress Semiconductor (Infineon Technologies)	BSP321 Cypress Semiconductor (Infineon Technologies)
					
BSP322PL6327 Infineon Technologies P-CHANNEL MOSFET	BSP320S MOS Cypress Semiconductor (Infineon Technologies)	BSP322PH6327XTSA1 Infineon Technologies MOSFET P-CH 100V 1A SOT223-4	BSP324 L6327 Cypress Semiconductor (Infineon Technologies)	BSP324 Cypress Semiconductor (Infineon Technologies)	BSP320SH6327 Cypress Semiconductor (Infineon Technologies)
					
BSP324 MOS Cypress Semiconductor (Infineon Technologies)	BSP320SE6327 LNFINEON	BSP321PH6327 Cypress Semiconductor (Infineon Technologies)	BSP321P N/A	BSP321P L6327 Cypress Semiconductor (Infineon Technologies)	BSP320S H6433 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

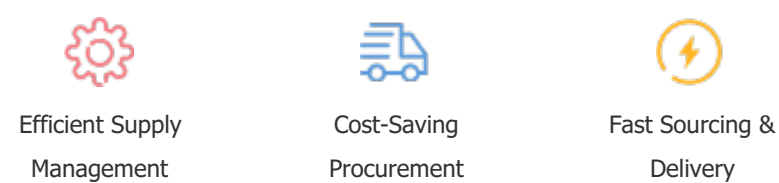
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

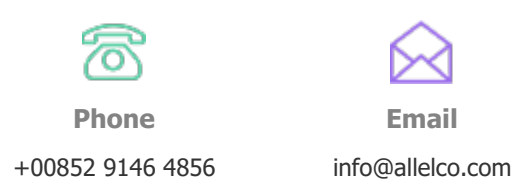
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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