

Image may be representation.
See specifications for product details.



BSP170PH6327XTSA1

Manufacturer Part Number	BSP170PH6327XTSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BSP170PH6327XTSA1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET P-CH 60V 1.9A SOT223-4
Package	TO-261-4, TO-261AA
Data sheet	BSP170PH6327XTSA1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BSP170PH6327XTSA1 - Infineon Technologies.New Original in Stock. Download Linear Technology BSP170PH6327XTSA1 datasheet/specifications on AllelcoElec.com. Request a quote for BSP170PH6327XTSA1, please send us email: info@allelco.com

Specifications

BSP170PH6327XTSA1 Tech Specifications
BSP170PH6327XTSA1 - 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 @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	410 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	14 nC @ 10 V
Supplier Device Package	PG-SOT223-4	FET Type	P-Channel
Series	SIPMOS®	FET Feature	-
Rds On (Max) @ Id, Vgs	300mOhm @ 1.9A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	1.8W (Ta)	Drain to Source Voltage (Vdss)	60 V
Package / Case	TO-261-4, TO-261AA	Current - Continuous Drain (Id) @ 25°C	1.9A (Ta)
Package	Tape & Reel (TR)	Base Product Number	BSP170

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BSP170PH6327XTSA1

Product Attribute				
Part Number	BSP170PH6327XTSA1	BSP170	BSP170 MOS	BSP170 P
Manufacturer	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)
Technology	MOSFET (Metal Oxide)	-	-	-
Current - Continuous Drain (Id) @ 25°C	1.9A (Ta)	-	-	-
Vgs (Max)	±20V	-	-	-
Base Product Number	BSP170	-	-	-
Supplier Device Package	PG-SOT223-4	-	-	-
Package / Case	TO-261-4, TO-261AA	-	-	-
FET Feature	-	-	-	-
Rds On (Max) @ Id, Vgs	300mOhm @ 1.9A, 10V	-	-	-
Series	SIPMOS®	-	-	-
Drain to Source Voltage (Vdss)	60 V	-	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	10V	-	-	-
Package	Tape & Reel (TR)	-	-	-
Power Dissipation (Max)	1.8W (Ta)	-	-	-
Input Capacitance (Ciss) (Max) @ Vds	410 pF @ 25 V	-	-	-
FET Type	P-Channel	-	-	-
Mounting Type	Surface Mount	-	-	-
Vgs(th) (Max) @ Id	4V @ 250µA	-	-	-
Gate Charge (Qg) (Max) @ Vgs	14 nC @ 10 V	-	-	-

BSP170PH6327XTSA1 Datasheet PDF

Download BSP170PH6327XTSA1 pdf datasheets and Infineon Technologies documentation for BSP170PH6327XTSA1 - 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

					
BSP170 Cypress Semiconductor (Infineon Technologies)	BSP170 MOS Cypress Semiconductor (Infineon Technologies)	BSP170 P Cypress Semiconductor (Infineon Technologies)	BSP171 P Cypress Semiconductor (Infineon Technologies)	BSP170P INF	BSP170PL6327 Cypress Semiconductor (Infineon Technologies)
					
BSP171P E6327 Cypress Semiconductor (Infineon Technologies)	BSP171P H6327 Cypress Semiconductor (Infineon Technologies)	BSP16T1G onsemi TRANS PNP 300V 0.1A SOT223	BSP17 E6327 Cypress Semiconductor (Infineon Technologies)	BSP171 Cypress Semiconductor (Infineon Technologies)	BSP170P L6327 Cypress Semiconductor (Infineon Technologies)
					
BSP171 MOS Cypress Semiconductor (Infineon Technologies)	BSP171E6327 Siemens	BSP170P H6327 Cypress Semiconductor (Infineon Technologies)	BSP170P MOS Cypress Semiconductor (Infineon Technologies)	BSP171P INEINEON	BSP170PH6327 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

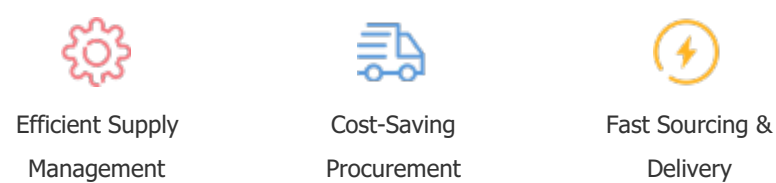
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

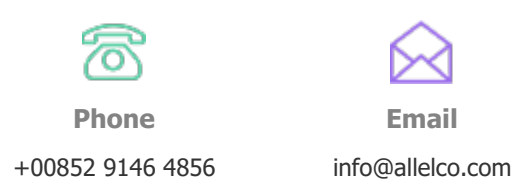
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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