



Image may be representation.
See specifications for product details.



BSL307SPH6327XTSA1

Manufacturer Part Number	BSL307SPH6327XTSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BSL307SPH6327XTSA1
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 30V 5.5A 6TSOP
Package	SC-74, SOT-457
Data sheet	BSL307SPH6327XTSA1.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BSL307SPH6327XTSA1 - Infineon Technologies.New Original in Stock. Download Linear Technology BSL307SPH6327XTSA1 datasheet/specifications on AllelcoElec.com. Request a quote for BSL307SPH6327XTSA1, please send us email: info@allelco.com

Specifications

BSL307SPH6327XTSA1 Tech Specifications
BSL307SPH6327XTSA1 - 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 @ 40µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	805 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	29 nC @ 10 V
Supplier Device Package	PG-TSOP-6-1	FET Type	P-Channel
Series	OptiMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	43mOhm @ 5.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	2W (Ta)	Drain to Source Voltage (Vdss)	30 V
Package / Case	SC-74, SOT-457	Current - Continuous Drain (Id) @ 25°C	5.5A (Ta)
Package	Tape & Reel (TR)	Base Product Number	BSL307

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BSL307SPH6327XTSA1

Product Attribute				
Part Number	BSL307SPH6327XTSA1	BSL307SP	BSL306N H6327	BSL308PE H6327
Manufacturer	Infineon Technologies	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)	Cypress Semiconductor (Infineon Technologies)
Supplier Device Package	PG-TSOP-6-1	PG-TSOP6-6	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Input Capacitance (Ciss) (Max) @ Vds	805 pF @ 25 V	805 pF @ 25 V	-	-
Vgs(th) (Max) @ Id	2V @ 40µA	2V @ 40µA	-	-
Series	OptiMOS™	OptiMOS™	-	-
Power Dissipation (Max)	2W (Ta)	2W (Ta)	-	-
Rds On (Max) @ Id, Vgs	43mOhm @ 5.5A, 10V	43mOhm @ 5.5A, 10V	-	-
Vgs (Max)	±20V	±20V	-	-
Drain to Source Voltage (Vdss)	30 V	30 V	-	-
FET Feature	-	-	-	-
Package / Case	SC-74, SOT-457	SOT-23-6 Thin, TSOT-23-6	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	-
Gate Charge (Qg) (Max) @ Vgs	29 nC @ 10 V	29 nC @ 10 V	-	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	-	-
Current - Continuous Drain (Id) @ 25°C	5.5A (Ta)	5.5A (Ta)	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-	-
Base Product Number	BSL307	-	-	-
FET Type	P-Channel	P-Channel	-	-

BSL307SPH6327XTSA1 Datasheet PDF

Download BSL307SPH6327XTSA1 pdf datasheets and Infineon Technologies documentation for BSL307SPH6327XTSA1 - Infineon Technologies.

Other Related Documents

Part Number Guide.pdf

PCN Assembly/Origin

Lead Plate Supplier Add 26/Apr/2017.pdf

PCN Packaging



Customers Also Interested in

Recommended Products



BSL306N H6327

Cypress Semiconductor
(Infineon Technologies)



BSL308PE H6327

Cypress Semiconductor
(Infineon Technologies)



BSL305SPE H6327

Cypress Semiconductor
(Infineon Technologies)



BSL308PE L6327

Cypress Semiconductor
(Infineon Technologies)



BSL306N L6327

Cypress Semiconductor
(Infineon Technologies)



BSL308CH6327XTSA1

Infineon Technologies
MOSFET N/P-CH 30V 2.3A/2A 6TSOP



BSL308C L6327

Cypress Semiconductor
(Infineon Technologies)



BSL307SP H6327

Cypress Semiconductor
(Infineon Technologies)



BSL306N

Cypress Semiconductor
(Infineon Technologies)



BSL307SP MOS

Cypress Semiconductor
(Infineon Technologies)



BSL306NH6327

Cypress Semiconductor
(Infineon Technologies)



BSL308C H6327

Cypress Semiconductor
(Infineon Technologies)



BSL308PE

Cypress Semiconductor
(Infineon Technologies)



BSL308C

Cypress Semiconductor
(Infineon Technologies)



BSL307SP

Infineon Technologies
MOSFET P-CH 30V 5.5A TSOP-6



BSL308CH6327

Cypress Semiconductor
(Infineon Technologies)



BSL307SPH6327

Cypress Semiconductor
(Infineon Technologies)



BSL307SP 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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