

Image may be representation. See specifications for product details.

BSS87H6327FTSA1

Manufacturer Part Number **BSS87H6327FTSA1**

Manufacturer **Infineon Technologies**

Allelco Part Number 32D-BSS87H6327FTSA1

MOSFET N-CH 240V 260MA SOT89-4 Parts Description

TO-243AA Package

ECAD Model

BSS87H6327FTSA1.pdf Data sheet

ROHS3 Compliant RoHs Status

Get a Quote



Request a quote for BSS87H6327FTSA1, please send us email: info@allelco.com

BSS87H6327FTSA1 - Infineon Technologies.New Original in Stock. Download Linear Technology BSS87H6327FTSA1 datasheet/specifications on AllelcoElec.com.

PCB Symbol, Footprint & 3D Mode

Specifications

BSS87H6327FTSA1 Tech Specifications

BSS87H6327FTSA1 - Infineon Technologies technical specifications, attributes, parameters

BSS8/H632/FTSAT - Infineon Technologies tec	chnical 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 @ 108µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	97 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	5.5 nC @ 10 V
Supplier Device Package	PG-SOT89-4-2	FET Type	N-Channel
Series	SIPMOS®	FET Feature	-
Rds On (Max) @ Id, Vgs	60hm @ 260mA, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	1W (Ta)	Drain to Source Voltage (Vdss)	240 V
Package / Case	TO-243AA	Current - Continuous Drain (Id) @ 25°C	260mA (Ta)
Package	Tape & Reel (TR)	Base Product Number	BSS87

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BSS87H6327FTSA1

Product Abbitoids					
Manufacturer	Product Attribute				NO PICTURE
NCSSET (Notes Casids) NCSSET (Notes Casids) NCSSET (Notes Casids) NCSSET (Notes Casids)	Part Number	BSS87H6327FTSA1	BSS84W-7-F	BSS84W-7	BSS84W
Series SPACES SPACES SPACES SPACE	Manufacturer	Infineon Technologies	Diodes Incorporated	Diodes Incorporated	Yangjie Technology
Operating Temperature -55°C ~ 150°C (T) -55°C ~ 150°C (T) -55°C ~ 150°C (T) - FET Feature - - - - - Package / Case TO ~215AA \$C ~70, \$07.523 \$C ~70, \$07.323 - Rds On (Max) ⊕ 1d, Mgs 606m ⊕ 306mA, 10V 100m ⊕ 100mA, 5V 100m ⊕ 100mA, 5V - Base Product Number RSS97 RSS81 RSS94 - Current - Continuous Drain (Ma) 226mA (Ta) 150mA (Ta) 130mA (Ta) - 25°C 226mA (Ta) 50 V 50 V - - 25°C 226mA (Ta) 150mA (Ta) 130mA (Ta) - - 25°C 226mA (Ta) 150mA (Ta) 150mA (Ta) - - 25°C 226mA (Ta) 250mA (Ta) 150mA (Ta) - - - Vgs (Max) 420V 50 V 50 V 200mV (Ta) - - - - - - - - - - - - - -	Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-
FET Feature	Series	SIPMOS®	-	-	-
Package / Case TO 243AA SC 70, SOT 323 SC 70, SOT 323 - Rds On (Max) @ 1d, Vgs 60hm @ 260mA, 10V 100hm @ 100mA, 5V 100hm @ 100mA, 5V - Base Product Number BSS67 BSS91 BSS91 - Current - Continuous Drain (Id) @ 25°C 260mA (Ta) 130mA (Ta) 130mA (Ta) - Drain to Source Voltage (Vdss) 240 V 50 V 50 V - Vgs (Max) ±20V ±20V ±20V ±20V ±20V - Power Dissipation (Max) 1W (Te) 200mW (Ta) 200mW (Ta) - - Input Capacitance (Ciss) (Max) @ Vds 97 pf @ 25 V 45 pf @ 25 V 45 pf @ 25 V - Gete Charge (Qg) (Max) @ Vgs 5.5 nc @ 10 V - - - Drive Voltage (Max Res On, Min Rds On) 4.5V, 10V 5V 5V 5V - Vgs(th) (Max) @ 1d 1.8V @ 108µA 2V @ 1mA 2V @ 1mA - - Vgs(th) (Max) @ 1d 1.8V @ 108µA 2V @ 1mA 2V @ 1mA - - <	Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-
Rids On (Max) ⊕ 1d, Vgs 60hm ⊕ 260mA, 10V 100hm ⊕ 100mA, 5V - Base Product Number 85587 85884 85584 - Current - Continuous Drain (Id) ⊕ 25°C 260mA (Ta) 130mA (Ta) 130mA (To) - Drain to Source Voltage (Vdsx) 240 V 50 V 50 V - Vgs (Max) ±20V ±20V ±20V - Power Dissipation (Max) 1W (To) 200mW (Ta) 200mW (Ta) - Imput Capacitance (Ciss) (Max) ⊕ Vds 97 pF ⊕ 25 V 45 pF ⊕ 25 V 45 pF ⊕ 25 V - Gate Charge (Qg) (Max) ⊕ Vgs 5.5 nC ⊕ 10 V - - - Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V 5V 5V - Vgs(th) (Max) ⊕ 1d 1.8V ⊕ 108µA 2V ⊕ 1mA 2V ⊕ 1mA - - Vgs(th) (Max) ⊕ 1d 1.8V ⊕ 108µA 2V ⊕ 1mA 2V ⊕ 1mA - - FET Type N-Channel P-Channel P-Channel P-Channel - Mounting Type Surface Mount Surface Mount	FET Feature	-	-	-	-
Base Product Number BSS87 BSS84 BSS84 - Current - Continuous Drain (Id) ⊕ 25°C 260mA (Ta) 130mA (Ta) 130mA (Ta) - Drain to Source Voltage (Vdss) 240 V 50 V 50 V - Vgs (Max) ±20V ±20V ±20V - Power Dissipation (Max) 11W (Ts) 200mW (Ta) 200mW (Ta) - Input Capacitance (Ciss) (Max) ⊕ Vds 97 pf ⊕ 25 V 45 pf ⊕ 25 V 45 pf ⊕ 25 V - Gate Charge (Qg) (Max) ⊕ Vds 5.5 nC ⊕ 10 V - - - Drive Voltage (Max Rds On, Min Rds On) 45V, 10V 5V 5V - Vgs(th) (Max) ⊕ 1d 1.8V ⊕ 108µA 2V ⊕ 1mA 2V ⊕ 1mA - FET Type N-Channel P-Channel P-Channel P-Channel - Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount - Supplier Device Package PC-SOT89-H-2 50T-323 50T-323 -	Package / Case	TO-243AA	SC-70, SOT-323	SC-70, SOT-323	-
Current - Continuous Drain (Id) ⊕ 260mA (Te) 130mA (Ta) 130mA (Ta) - 25°C 25°C 240 V 50 V 50 V - Vgs (Max) 420V ±20V ±20V - Power Dissipation (Max) 1W (Ta) 200mW (Ta) 200mW (Ta) - Input Capacitance (Clas) (Max) ⊕ Vds 97 pF ⊕ 25 V 45 pF ⊕ 25 V - Gate Charge (Qg) (Max) ⊕ Vgs 5.5 nC ⊕ 10 V - - Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V 5V 5V - Vgs(th) (Max) ⊕ Id 1.8V ⊕ 108µA 2V ⊕ 1mA 2V ⊕ 1mA - FET Type N-Channel P-Channel P-Channel - Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount - Supplier Device Package PG-S0189-4-2 SOT-323 SOT-323 SOT-323 -	Rds On (Max) @ Id, Vgs	60hm @ 260mA, 10V	100hm @ 100mA, 5V	100hm @ 100mA, 5V	-
130mA (1a) 130	Base Product Number	BSS87	BSS84	BSS84	-
Vgs (Max) ±20V ±20V - Power Dissipation (Max) 1W (Ta) 200mW (Ta) - Input Capacitance (Ciss) (Max) @ Vds 97 pF @ 25 V 45 pF @ 25 V - Gate Charge (Qg) (Max) @ Vgs 5.5 nC @ 10 V - - Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V 5V 5V Vgs(th) (Max) @ Id 1.8V @ 108µA 2V @ 1mA 2V @ 1mA - FET Type N-Channel P-Channel P-Channel - Mounting Type Surface Mount Surface Mount Surface Mount - Supplier Device Package PG-SOT89-4-2 SOT-323 SOT-323 -		260mA (Ta)	130mA (Ta)	130mA (Ta)	-
Power Dissipation (Max) 1W (Ta) 200mW (Ta) 200mW (Ta) - Input Capacitance (Ciss) (Max) @ Vds 97 pF @ 25 V 45 pF @ 25 V - - Gate Charge (Qg) (Max) @ Vgs 5.5 nC @ 10 V - - - Drive Voltage (Max Rds On, Min Rds On, Min Rds On) 4.5V, 10V 5V 5V - Vgs(th) (Max) @ Id 1.8V @ 108µA 2V @ 1mA 2V @ 1mA - FET Type N-Channel P-Channel P-Channel - Mounting Type Surface Mount Surface Mount - Supplier Device Package PG-SOT89-4-2 SOT-323 SOT-323 -	Drain to Source Voltage (Vdss)	240 V	50 V	50 V	-
Input Capacitance (Ciss) (Max) @ Vds 97 pF @ 25 V 45 pF @ 25 V - Gate Charge (Qg) (Max) @ Vgs 5.5 nC @ 10 V - - - Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V 5V 5V - Vgs(th) (Max) @ Id 1.8V @ 108µA 2V @ 1mA 2V @ 1mA - FET Type N-Channel P-Channel P-Channel - Mounting Type Surface Mount Surface Mount Surface Mount - Supplier Device Package PG-SOT89-4-2 SOT-323 SOT-323 -	Vgs (Max)	±20V	±20V	±20V	-
Gate Charge (Qg) (Max) @ Vgs 5.5 nC @ 10 V -	Power Dissipation (Max)	1W (Ta)	200mW (Ta)	200mW (Ta)	-
Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V 5V 5V - Vgs(th) (Max) @ Id 1.8V @ 108µA 2V @ 1mA 2V @ 1mA - FET Type N-Channel P-Channel P-Channel - Mounting Type Surface Mount Surface Mount Surface Mount - Supplier Device Package PG-SOT89-4-2 SOT-323 SOT-323 -	Input Capacitance (Ciss) (Max) @ Vds	97 pF @ 25 V	45 pF @ 25 V	45 pF @ 25 V	-
On) 4.5V, 10V 5V 5V - Vgs(th) (Max) @ Id 1.8V @ 108μA 2V @ 1mA - - FET Type N-Channel P-Channel P-Channel - Mounting Type Surface Mount Surface Mount - Supplier Device Package PG-SOT89-4-2 SOT-323 SOT-323 -	Gate Charge (Qg) (Max) @ Vgs	5.5 nC @ 10 V	-	-	-
FET Type N-Channel P-Channel P-Channel - Mounting Type Surface Mount Surface Mount Surface Mount - Supplier Device Package PG-SOT89-4-2 SOT-323 SOT-323 -		4.5V, 10V	5V	5V	-
Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount - Supplier Device Package PG-SOT89-4-2 SOT-323 SOT-323 -	Vgs(th) (Max) @ Id	1.8V @ 108µA	2V @ 1mA	2V @ 1mA	-
Supplier Device Package PG-SOT89-4-2 SOT-323 SOT-323 -	FET Type	N-Channel	P-Channel	P-Channel	-
	Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Package Tape & Reel (TR) Tape & Reel (TR) Tape & Reel (TR)	Supplier Device Package	PG-SOT89-4-2	SOT-323	SOT-323	-
	Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

BSS87H6327FTSA1 Datasheet PDF

Download BSS87H6327FTSA1 pdf datasheets and Infineon Technologies documentation for BSS87H6327FTSA1 - Infineon Technologies.

Other Related Documents



Part Number Guide.pdf

PCN Assembly/Origin



Mult Dev Site Chgs 2/Feb/2023.pdf

Customers Also Interested in

Recommended Products









DIODES PERICON INC.



BSS87H6327

Cypress Semiconductor



MOSFET P-CH 50V 130MA SOT323



BSS84_R1_0001

PANJIT

BSS84W-7-F-00

NO PICTURE

(Infineon Technologies)

MOSFET P-CH 50V 130MA SOT323

BSS84W-7

Diodes Incorporated

Diodes Incorporated

BSS84_R1_00001 **PANJIT**

DIODES PERICON

BSS84V-7-01

(infineon

DIODES PERICON INC.

DIODES PERICON

infineon

Diodes Incorporated

BSS87L6327 Cypress Semiconductor

(Infineon Technologies)

BSS84W-7-F-HN

Diodes Incorporated

BSS84W-7-F MOS

Diodes Incorporated

BSS87 H6327

Cypress Semiconductor

BSS857BS

(Infineon Technologies)

Freescale / NXP Semiconductors

NO PICTURE

NO PICTURE

NO PICTURE

(infineon

DIODES PERICON INC.

BSS84W

Yangjie Technology SOT-323 P -60V -0.17A Transisto BSS84W T/R

PANJIT

BSS84WLT1G AMI Semiconductor/onsemi **BSS87 E6327**

INFN

BSS87H6327F

(Infineon Technologies)

Cypress Semiconductor Diodes Incorporated

BSS84V-7-HN

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.

Country ed States	Logistic Time(Day) 5
	5
il	7
nany	5
ed Kingdom	4
	5
ralia	6
Zealand	7
ì	6
n	7
el	6
1	any d Kingdom ralia Zealand

Common Communica Lanistic Time Defense

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			
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.



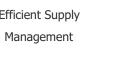




PayPal

Your Faithful Supply Chain Partner -







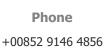




Cost-Saving

Procurement





Email info@allelco.com Certifications & Memberships













View More



Copyright © 2012-2023 AllelcoElec.com. All rights reserved.

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong **Phone:** +00852 9146 4856 Fax: +00852 3010 8510

Email: info@Allelco.com