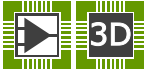





BFP420FH6327XTSA1

Manufacturer Part Number	BFP420FH6327XTSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BFP420FH6327XTSA1
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	RF TRANS NPN 5.5V 25GHZ 4TSFP
Package	4-SMD, Flat Leads
Data sheet	BFP420FH6327XTSA1.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

BFP420FH6327XTSA1 - Infineon Technologies. New Original in Stock. Download Linear Technology BFP420FH6327XTSA1 datasheet/specifications on AllelcoElec.com.
Request a quote for BFP420FH6327XTSA1, please send us email: info@allelco.com





Specifications

BFP420FH6327XTSA1 Tech Specifications
BFP420FH6327XTSA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	150°C (TJ)
Voltage - Collector Emitter Breakdown (Max)	5.5V	Noise Figure (dB Typ @ f)	1.1dB @ 1.8GHz
Transistor Type	NPN	Mounting Type	Surface Mount
Supplier Device Package	4-TSFP	Gain	19.5dB
Series	-	Frequency - Transition	25GHz
Power - Max	160mW	DC Current Gain (hFE) (Min) @ Ic, Vce	60 @ 5mA, 4V
Package / Case	4-SMD, Flat Leads	Current - Collector (Ic) (Max)	35mA
Package	Tape & Reel (TR)	Base Product Number	BFP420

Parts with Similar Specifications


The three parts on the right have similar specifications to Infineon Technologies BFP420FH6327XTSA1

Product Attribute	 NO PICTURE			
Part Number	BFP420FH6327XTSA1	BFP450H6327	BFP420H6433	BFP420E6327
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
DC Current Gain (hFE) (Min) @ Ic, Vce	60 @ 5mA, 4V	60 @ 50mA, 4V	60 @ 20mA, 4V	60 @ 20mA, 4V
Noise Figure (dB Typ @ f)	1.1dB @ 1.8GHz	1.25dB @ 1.8GHz	1.1dB @ 1.8GHz	1.1dB @ 1.8GHz
Package / Case	4-SMD, Flat Leads	SC-82A, SOT-343	SC-82A, SOT-343	SC-82A, SOT-343
Transistor Type	NPN	NPN	NPN	NPN
Package	Tape & Reel (TR)	Bulk	Bulk	Bulk
Frequency - Transition	25GHz	24GHz	25GHz	25GHz
Series	-	-	-	-
Current - Collector (Ic) (Max)	35mA	100mA	60mA	35mA
Power - Max	160mW	450mW	210mW	160mW
Gain	19.5dB	15.5dB	21dB	21dB
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	4-TSFP	PG-SOT343-4	PG-SOT343-4-2	PG-SOT343-4
Voltage - Collector Emitter Breakdown (Max)	5.5V	5V	4.5V	5V
Base Product Number	BFP420	-	-	-
Operating Temperature	150°C (TJ)	150°C (TJ)	150°C (TJ)	150°C (TJ)


BFP420FH6327XTSA1 Datasheet PDF

Download BFP420FH6327XTSA1 pdf datasheets and Infineon Technologies documentation for BFP420FH6327XTSA1 - Infineon Technologies.


Other Related Documents


 Part Number Guide.pdf

PCN Assembly/Origin

 Mult Dev Site Chgs 2/Feb/2023.pdf

PCN Packaging

 Reel Cover Tape Chg 16/Feb/2016.pdf

 Recyclable Glass Carrier 14/Oct/2014.pdf

Customers Also Interested in

Recommended Products



BFP450H6327

Infineon Technologies
RF TRANSISTOR, L BAND, NPN

BFP420F E6327

Cypress Semiconductor
(Infineon Technologies)

BFP420H6433

Infineon Technologies
RF TRANSISTOR, X BAND, NPN

BFP420E6327

Infineon Technologies
RF TRANSISTOR, X BAND, NPN

BFP420FH6327

Infineon Technologies
RF TRANSISTOR, X BAND, NPN

BFP420F

INF



BFP420

Cypress Semiconductor
(Infineon Technologies)

BFP420E-6327

Siemens

BFP460

Cypress Semiconductor
(Infineon Technologies)

BFP420 E6327

Cypress Semiconductor
(Infineon Technologies)

BFP420H6327

Cypress Semiconductor
(Infineon Technologies)

BFP420FE6327

Cypress Semiconductor
(Infineon Technologies)



BFP450 H6327

Cypress Semiconductor
(Infineon Technologies)

BFP420 H6327

Cypress Semiconductor
(Infineon Technologies)

BFP450

Infineon Technologies
RF SMALL SIGNAL BIPOLAR
TRANSIST

BFP450 E6327

Cypress Semiconductor
(Infineon Technologies)

BFP450E6327

Infineon Technologies
RF TRANSISTOR, L BAND, NPN

BFP450H6327XTSA1

Infineon Technologies
RF TRANS NPN 5V 24GHZ SOT343-4

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.

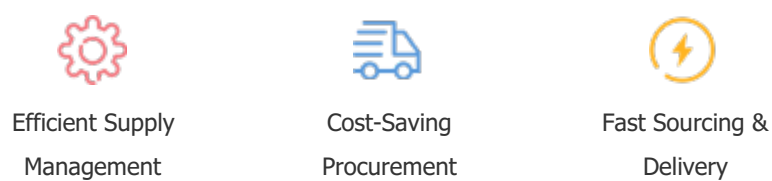
Contact us if you have any questions.

Payment Support

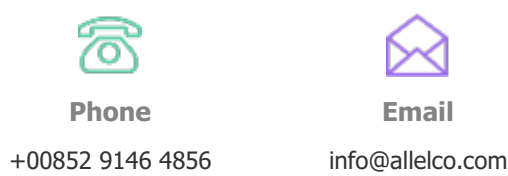
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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