

BFP620H7764XTSA1

BFP620H7764XTSA1 Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



BFP620H7764XTSA1 Specifications

Manufacturer Part NumberBFP620H7764XTSA1ManufacturerInfineon TechnologiesCategoryDiscrete Semiconductor ProductsTransistors - Bipolar (BJT) - RFPackageSC-82A, SOT-343Series-Transistor TypeNPNVoltage - Collector Emitter Breakdown (Max)2.8VFrequency - Transition65GHzNoise Figure (dB Typ @ f)0.7dB ~ 1.3dB @ 1.8GHz ~ 6GHzGain21.5dBPower - Max185mWDC Current Gain (hFE) (Min) @ Lc, Vce110 @ 50mA, 1.5VCurrent - Collector (L) (Max)SumAOperating TemperatureSurface MountMounting TypeScreat AgentPackage / CaseSc-82A, SOT-343Suppler Device PackagePG-SOT343-4		
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Series-StriesNPNVoltage - Collector Emitter Breakdown (Max)2.8VFrequency - Transition65GHzNoise Figure (dB Typ @ f)0.7dB ~ 1.3dB @ 1.8GHz ~ 6GHzGain21.5dBPower - Max185mWDC Current Gain (hFE) (Min) @ Ic, Vce110 @ 50mA, 1.5VCurrent - Collector (Ic) (Max)80mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4		Transistors - Bipolar (BJT) - RF
Transistor TypeNPNVoltage - Collector Emitter Breakdown (Max)2.8VFrequency - Transition65GHzNoise Figure (dB Typ @ f)0.7dB ~ 1.3dB @ 1.8GHz ~ 6GHzGain21.5dBPower - Max185mWDC Current Gain (hFE) (Min) @ Ic, Vce110 @ 50mA, 1.5VCurrent - Collector (Ic) (Max)80mAOperating Temperature50°C (TJ)Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	Package	SC-82A, SOT-343
Voltage - Collector Emitter Breakdown (Max)2.8VFrequency - Transition65GHzNoise Figure (dB Typ @ f)0.7dB ~ 1.3dB @ 1.8GHz ~ 6GHzGain21.5dBPower - Max185mWDC Current Gain (hFE) (Min) @ Ic, Vce110 @ 50mA, 1.5VCurrent - Collector (Ic) (Max)80mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	Series	-
Frequency - Transition65GHzNoise Figure (dB Typ @ f)0.7dB ~ 1.3dB @ 1.8GHz ~ 6GHzGain21.5dBPower - Max185mWDC Current Gain (hFE) (Min) @ Ic, Vce110 @ 50mA, 1.5VCurrent - Collector (Ic) (Max)80mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	Transistor Type	NPN
Noise Figure (dB Typ @ f) 0.7dB ~ 1.3dB @ 1.8GHz ~ 6GHz Gain 21.5dB Power - Max 185mW DC Current Gain (hFE) (Min) @ Ic, Vce 110 @ 50mA, 1.5V Current - Collector (Ic) (Max) 80mA Operating Temperature 150°C (TJ) Mounting Type Surface Mount Package / Case SC-82A, SOT-343 Supplier Device Package PG-SOT343-4	Voltage - Collector Emitter Breakdown (Max)	2.8V
Gain21.5dBPower - Max185mWDC Current Gain (hFE) (Min) @ Ic, Vce110 @ 50mA, 1.5VCurrent - Collector (Ic) (Max)80mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	Frequency - Transition	65GHz
Power - Max185mWDC Current Gain (hFE) (Min) @ Ic, Vce110 @ 50mA, 1.5VCurrent - Collector (Ic) (Max)80mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	Noise Figure (dB Typ @ f)	0.7dB ~ 1.3dB @ 1.8GHz ~ 6GHz
DC Current Gain (hFE) (Min) @ Ic, Vce110 @ 50mA, 1.5VCurrent - Collector (Ic) (Max)80mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	Gain	21.5dB
Current - Collector (Ic) (Max)80mAOperating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	Power - Max	185mW
Operating Temperature150°C (TJ)Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	DC Current Gain (hFE) (Min) @ Ic, Vce	110 @ 50mA, 1.5V
Mounting TypeSurface MountPackage / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	Current - Collector (Ic) (Max)	80mA
Package / CaseSC-82A, SOT-343Supplier Device PackagePG-SOT343-4	Operating Temperature	150°C (TJ)
Supplier Device Package PG-SOT343-4	Mounting Type	Surface Mount
	Package / Case	SC-82A, SOT-343
Report errors?	Supplier Device Package	PG-SOT343-4
		Report errors?

BFP620H7764XTSA1 Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

SERVICE BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

BFP620H7764XTSA1 Payment Methods





If you have any question about BFP620H7764XTSA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com