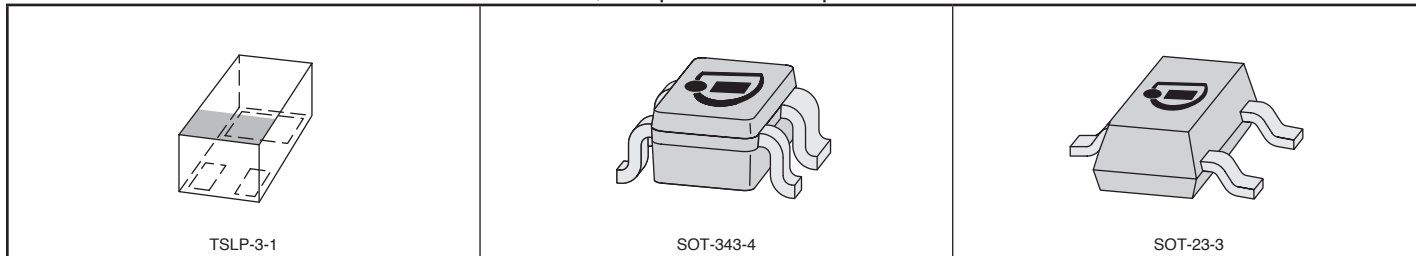


INFINEON Transistors



This product is RoHS compliant.



RF BIPOLAR TRANSISTORS

The Infineon RF Bipolar Transistors in standard SOT, flatlead TSFP and new leadless ultra miniature TSLP packages are excellent choice for a wide range of RF and Wireless applications.

Silicon RF Bipolar Transistors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Polarity Type	V _{CEO} (max)	I _C (max)	P _{tot} (max)	f _T		NF (typ.)	Price Each			
							(typ.)	@ I _C		1	10	100	500
726-BFR340L3E6327	BFR340L3E6327XT	TSLP-3-1	NPN	6V	10mA	60mW	14.0GHz	6mA	1.15dB	.40	.38	.313	.232
726-BFR380L3E6327	BFR380L3E6327XT	TSLP-3-1	NPN	6V	80mA	380mW	14.0GHz	40mA	1.1dB	.34	.32	.249	.172
726-BFP460H6327	BFP460H6327XT	SOT-343-4	NPN	4.5V	70mA	230mW	22.0GHz	30mA	1.1dB	.22	.202	.184	.162
726-BFR92PE6327	BFR92PE6327XT	SOT-23-3	NPN	15V	30mA	280mW	5.0GHz	15mA	2.9dB	.46	.36	.25	.128

Silicon Germanium RF Bipolar Transistors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Polarity Type	V _{CEO} (max)	I _C (max)	P _{tot} (max)	f _T		NF (typ.)	Price Each			
							(typ.)	@ I _C		1	10	100	500
726-BFP640H6327	BFP640H6327XT	SOT-343-4	NPN	4V	50mA	200mW	40.0GHz	30mA	0.65dB	.46	.411	.387	.36
726-BFP650H6327	BFP650H6327XT	SOT-343-4	NPN	4V	150mA	500mW	37.0GHz	80mA	0.8dB	.73	.697	.588	.443
726-BFP740H6327	BFP740H6327XT	SOT-343-4	NPN	4V	30mA	160mW	42.0GHz	25mA	0.5dB	.75	.674	.617	.461

SIEGET@45 Line - Silicon RF Bipolar Transistors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Polarity Type	V _{CEO} (max)	I _C (max)	P _{tot} (max)	f _T		NF (typ.)	Price Each			
							(typ.)	@ I _C		1	10	100	500
726-BFP540ESDH6327	BFP540ESDH6327XT	SOT-343-4	NPN	4.5V	80mA	250mW	30.0GHz	50mA	0.9dB	.51	.46	.44	.368
726-BFP540H6327	BFP540H6327XT	SOT-343-4	NPN	4.5V	80mA	250mW	30.0GHz	50mA	0.9dB	.82	.70	.556	.324

SiGe High Performance Low Noise RF Bipolar Transistors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Polarity Type	V _{CEO} (max)	I _C (max)	P _{tot} (max)	f _T		NF (typ.)	Price Each			
							(typ.)	@ I _C		1	10	100	500
726-BFP640ESDH6327XT	BFP640ESDH6327XT	SOT-343-4	NPN	4.1V	50mA	200mW	46.0GHz	30mA	0.65dB	.76	.74	.73	.522
726-BFP720ESDH6327XT	BFP720ESDH6327XT	SOT-343-4	NPN	4.2V	30mA	100mW	43.0GHz	15mA	0.55dB	.61	.597	.589	.462
726-BFP720H6327	BFP720H6327XT	SOT-343-4	NPN	4V	25mA	100mW	45.0GHz	13mA	0.5dB	.76	.721	.612	.461
726-BFP740ESDH6327XT	BFP740ESDH6327XT	SOT-343-4	NPN	4.2V	45mA	160mW	45.0GHz	25mA	0.55dB	.58	.57	.562	.461

SILICON SINGLE AF DIGITAL TRANSISTORS

General purpose transistors with built-in resistor network so called Digital Transistors. They are available in single chip and multi chip versions with huge amount of different resistor combinations. Infineon mainly offers the Digital Transistors in the packages SOT-23, SOT-323, SOT-363, TSFP and TSLP. PNP and NPN combinations are also available. Digital Transistors are mainly used in automotive, consumer, cellular and datacom applications.

Silicon RF Bipolar Transistors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Polarity Type	R1 (typ)	R2 (typ)	h _{FE}		V _{I(on)} (min)	V _{I(off)} (max)	Price Each			
						(min)	@ I _C			1	10	100	500
726-BCR503E6327	BCR503E6327XT	SOT-23-3	NPN	2.2k Ohm	2.2k Ohm	40.0	50mA	1.0V/0.3V	1.5V/5V	.66	.451	.212	.085
726-BCR108E6327	BCR108E6327XT	SOT-23-3	NPN	2.2k Ohm	47.0k Ohm	70.0	5mA	0.5V/0.3V	0.8V/5V	.47	.306	.133	.046
726-BCR133E6327	BCR133E6327XT	SOT-23-3	NPN	10.0k Ohm	10.0k Ohm	30.0	5mA	1.0V/0.3V	1.5V/5V	.50	.32	.143	.065
726-BCR141E6327	BCR141E6327XT	SOT-23-3	NPN	22.0k Ohm	22.0k Ohm	50.0	5mA	1.0V/0.3V	1.5V/5V	.16	.11	.07	.036
726-BCR562E6327	BCR562E6327XT	SOT-23-3	PNP	4.7k Ohm	4.7k Ohm	60.0	50mA	1.0V/0.3V	1.5V/5V	.28	.20	.13	.065