

INFINEON Transistors



This product is RoHS compliant.



RoHS Compliant

Transistors

Infineon

GENERAL PURPOSE TRANSISTORS

The Infineon General Purpose Transistors including Darlington, switching and high voltage transistors. They are available in various packages even in multichip- packages where also PNP & NPN combinations are available. Main packages are SOT23, SOT323, SOT363, TSFP and TSLP. We deliver transistors with V_{ceo} up to 120V and I_c up to 100mA. With our product portfolio we can cover nearly all applications in automotive, industry, consumer, communication and datacom.

MOUSER STOCK NO.	Infineon Part No.	Package	Polarity Type	V _{ceo} (max)	P _{tot} (max)	h _{FE} (min)	I _C (max)	V _{CE}	Price Each			
									1	10	100	500
AF Darlington Transistors												
726-BCV46E6327	BCV 46 E6327	SOT23-3	PNP	60V	360mW	10000	100mA	5V				
726-BCV47E6327	BCV 47 E6327	SOT23-3	NPN	60V	360mW	10000	100mA	5V				
726-SMBTA14E6327	SMBTA 14 E6327	SOT23-3	NPN	30V	330mW	20000	100mA	5V				
AF General Purpose Transistors												
726-BC818K-16WE6327	BC 818K-16W E6327	SOT323-3	NPN	25V	250 W	100	100mA	1V				
726-BC818K-25E6327	BC 818K-25 E6327	SOT23-3	NPN	25V	500mW	160	100mA	1V				
726-BC818K-40E6327	BC 818K-40 E6327	SOT23-3	NPN	25V	500mW	250	100mA	1V				
726-SMBT3904E6327	SMBT 3904 E6327	SOT23-3	NPN	40V	330mW	100	10mA	1V				
726-MMBT3904LT1	MMBT 3904 LT1	SOT23-3	NPN	40V	330mW	100	10mA	1V				
726-BC817K-16E6327	BC 817K-16 E6327	SOT323-3	NPN	45V	500mW	100	100mA	1V				
726-BC817K-25E6327	BC 817K-25 E6327	SOT23-3	NPN	45V	330 W	160	100mA	1V				
726-BC817K-25WE6327	BC 817K-25W E6327	SOT323-3	NPN	45V	330 W	160	100mA	1V				
726-BC817K-40E6327	BC 817K-40 E6327	SOT23-3	NPN	45V	330 W	160	100mA	1V				
726-BC817K-40WE6327	BC 817K-40W E6327	SOT323-3	NPN	45V	330 W	160	100mA	1V				
726-BC847BE6327	BC847BE6327	SOT23-3	NPN	45V	330mW	200	100mA	5V				
726-BC847CE6327	BC 847C E6327	SOT23-3	NPN	45V	330mW	420	100mA	5V				
726-BC847SE6327	BC847SE6327	SOT363-6	NPN	45V	250mW	200	100mA	5V				
726-BC850CE6327	BC850CE6327	SOT23-3	NPN	45V	330mW	420	100mA	5V				
726-BCP5416E6327	BCP54-16E6327	SOT223-4	NPN	45V	1500mW	40	150mA	2V				
726-SMBT2222AE6327	SMBT 2222A E6327	SOT23-3	NPN	45V	330mW	100	150mA	10V				
726-BCX70KE6327	BCX 70K E6327	SOT23-3	NPN	45V	330mW	100	200mA	5V				
726-BCX5416E6327	BCX54-16E6327	SOT89-4	NPN	45V	1,000mW	100	150mA	2V				
726-BC846BE6327	BC846BE6327	SOT23-3	NPN	65V	330mW	200	100mA	5V				
726-SMBTA06E6327	SMBTA06E6327	SOT23-3	NPN	80V	330mW	250	100mA	1V				
726-SMBTA42E6327	SMBTA42E6327	SOT23-3	NPN	300V	360mW	40	30mA	10V				
726-MMBTA42LT1	MMBTA 42 LT1	SOT23-3	NPN	300V	360mW	40	30mA	10V				
726-BC847PNE6327	BC847PNE6327	SOT363-6	NPN/PNP	45V	250mW	200	100mA	5V				
726-BCX69-16E6327	BCX 69-16 E6327	SOT89-4	PNP	20V	1,000mW	100	500mA	1V				
726-BCV62CE6327	BCV62CE6327	SOT143-4	PNP	30V	300mW	420	2mA	5V				
726-SMBT3906E6327	SMBT 3906 E6327	SOT23-3	PNP	40V	330mW	100	10mA	1V				
726-MMBT3906LT1	MMBT 3906 LT1	SOT23-3	PNP	40V	330mW	100	10mA	1V				
726-BC80725E6327	BC807-25E6327	SOT23-3	PNP	45V	330mW	160	100mA	1V				
726-BC857BE6327	BC857BE6327	SOT23-3	PNP	45V	330mW	125	100mA	0V				
726-BC857CE6327	BC 857C E6327	SOT23-3	PNP	45V	330mW	100	100mA	0V				
726-BCX71KE6327	BCX71KE6327	SOT23-3	PNP	45V	330mW	250	100mA	1V				
726-BCW68HE6327	BCW68HE6327	SOT23-3	PNP	45V	330mW	250	100mA	1V				
726-BC80740E6327	BC807-40E6327	SOT23-3	PNP	45V	330mW	250	100mA	1V				
726-SMBT2907AE6327	SMBT 2907A E6327	SOT23-3	PNP	60V	330mW	100	150mA	10V				
726-MMBT2907ALT1	MMBT 2907A LT1	SOT23-3	PNP	60V	330mW	100	150mA	10V				
726-BC856BE6327	BC856BE6327	SOT23-3	PNP	65V	330mW	125	100mA	0V				
726-MMBTA06LT1	MMBTA 06 LT1	SOT23-3	PNP	80V	330mW	100	100mA	1V				
726-SMBTA56E6327	SMBTA 56 E6327	SOT23-3	PNP	80V	330mW	100	100mA	1V				
726-BCX53-10E6327	BCX 53-10 E6327	SOT89-4	PNP	80V	1,000mW	63	150mA	2V				
726-MMBTA92LT1	MMBTA 92 LT1	SOT23-3	PNP	300V	360mW	40	30mA	10V				
726-SMBTA92E6327	SMBTA 92 E6327	SOT23-3	PNP	300V	360mW	40	30mA	10V				

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.

MOUSER STOCK NO.	Infineon Part No.	Package	Polarity Type	V _{ceo} (max)	P _{tot} (max)	f _T (typ)	I _C (max)	F (typ)	Price Each			
									1	10	100	500
SIRF Bipolar Transistors												
726-BFP460E6327	BFP 460 E6327	SOT343-4	NPN	12V	200mW	22.0GHz	50mA	1.1dB				
726-BFR92PE6327	BFR 92P E6327	SOT23-3	NPN	15V	280mW	5.0GHz	30mA	2.9dB				
SiEGE@25 RF-Bipolar-Transistors												
726-BFP405E6327	BFP 405 E6327	SOT343-4	NPN	4.5V	55mW	25.0GHz	12mA	1.25dB				
726-BFP405FE6327	BFP405FE6327	TSFP-4	NPN	4.5V	55mW	25.0GHz	12mA	1.25dB				
726-BFP420FE6327	BFP420FE6327	TSFP-4	NPN	4.5V	160mW	25.0GHz	35mA	1.1dB				
SiEGE@45 RF-Bipolar-Transistors												
726-BFP520E6327	BFP 520 E6327	SOT343-4	NPN	2.5V	100mW	45.0GHz	40mA	0.95dB				
726-BFP520FE6327	BFP520FE6327	TSFP-4	NPN	2.5V	100mW	45.0GHz	40mA	0.95dB				
726-BFP540ESDE6327	BFP540ESDE6327	SOT343-4	NPN	4V	250mW	34.0GHz	80mA	0.9dB				
726-BFP540E6327	BFP540E6327	SOT343-4	NPN	4.5V	250mW	30.0GHz	80mA	0.9dB				
726-BFP540FESDE6327	BFP 540FESD E6327	TSFP-4	NPN	4.5V	250mW	30.0GHz	80mA	0.9dB				
SiGe SiEGE@ RF-Bipolar-Transistors												
726-BFP620FE7764	BFP620FE7764	TSFP-4	NPN	2.3V	185mW	65.0GHz	80mA	0.7dB				
726-BFP640E6327	BFP 640F E6327	TSFP-4	NPN	4V	200mW	40.0GHz	50mA	0.65dB				
726-BFP650E6327	BFP650E6327	TSFP-4	NPN	4V	500mW	37.0GHz	150mA	0.8dB				
726-BFP740E6327	BFP 740 E6327	SOT343-4	NPN	4V	160mW	42.0GHz	30mA	0.5dB				
726-BFP740FE6327	BFP 740F E6327	TSFP-4	NPN	4V	160mW	42.0GHz	30mA	0.5dB				

SILICON 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 SOT23, SOT323, SOT363, TSFP and TSLP. PNP & NPN combinations are also available. Digital Transistors are mainly used in automotive, consumer, cellular and datacom applications.

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Polarity Type	R ₁ (typ)	R ₂	h _{FE} (min)	V _{i (on)} (max)	V _{i (off)} (max)	Price Each			
									1	10	100	500
726-BCR08PNE6327	BCR 08PN E6327	SOT363-6	NPN/PNP	2.2 kOhm	47.0kOhm	70.0	.5 2mA / .3V	0.8 100µA / 5V				
726-BCR10PNE6327	BCR 10PN E6327	PG-SOT363-6	NPN/PNP	10.0 kOhm	10.0kOhm	30.0	1.0 2mA / 0.3V	1.5 V				
726-BCR108E6327	BCR 108 E6327	SOT363-6	NPN	2.2 kOhm	47.0kOhm	70.0	.5 2mA / .3V	0.8 100µA / 5V				
726-BCR133E6327	BCR 133 E6327	SOT363-6	NPN	10.0 kOhm	10.0kOhm	30.0	1.0 2mA / .3V	1.5 100µA / 5V				
726-BCR503E6327	BCR 503 E6327	SOT23-3	NPN	2.2 kOhm	2.2kOhm	40.0	1.0 2mA / 0.3V	1.5 V				