



GENERAL PURPOSE DIODES

General Purpose Diodes for rectifying, switching and clamping. More than 60 types are available mainly in the packages SOT23, SOT323, SOT363 and TSLP. They meet the requirements for low leakage current, low switching time, high variation of permitted current and small packages resp. more elements per package. General Purpose Diodes are used in all kinds of applications e.g. Safety, Cellular phones, TV chassis, Set-Top Box, Camcorder, Motherboards etc.



RoHS Compliant

High Speed Switching Diodes

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Config.	VR (max)	IF (max)	IR (max)	Trr (max)	Price Each			
								1	10	100	500
726-BAS2103WE6327	BAS21-03WE6327	SOD323-2	Single	200V	250mA	100nA	50ns	.22	.20	.10	.05
726-BAW78DE6327	BAW78DE6327	SOT89-4	Single	400V	1000mA	100nA	1000ns	.30	.316	.28	.25
726-BAS16WE6327	BAS16WE6327	SOT323-3	Single	80V	250mA	100nA	4ns	.16	.15	.08	.05
726-BAV99SE6327	BAV99SE6327	SOT363-6	Dual	80V	200mA	150nA	4ns	.26	.256	.15	.10
726-BAV99WE6327	BAV99WE6327	SOT323-3	Dual	80V	200mA	150nA	4ns	.15	.143	.08	.04
726-BAW101E6327	BAW101E6327	SOT143-4	Dual	300V	250mA	150nA	1000ns	.28	.287	.18	.14
726-BAS21UE6327	BAS21UE6327	SC74-6	Triple	200V	250mA	100nA	50ns	.25	.25	.15	.11

Switching and Rectifier Diodes

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Config.	VR (max)	IF (max)	IR (max)	Trr (max)	Price Each			
								1	10	100	500
726-BAS16E6327	BAS16E6327	SOT23-3	Single	75V	250mA	80nA	4ns	.19	.181	.10	.05
726-MMBD914LT1	MMBD914LT1	SOT23-3	Single	100C	250mA	100nA	4ns	.19	.181	.10	.05
726-SMBD914E6327	SMBD914E6327	SOT23-3	Single	100V	250mA	100nA	4ns	.23	.218	.12	.05
726-BAS21E6327	BAS21E6327	SOT23-3	Single	200V	250mA	100nA	50ns	.21	.20	.11	.06
726-BAV170E6327	BAV170E6327	SOT23-3	Dual	80V	200mA	5nA	15000ns	.25	.237	.13	.05
726-BAV199E6327	BAV199E6327	SOT23-3	Dual	80V	200mA	5nA	15000ns	.25	.237	.13	.05
726-BAV70E6327	BAV70E6327	SOT23-3	Dual	80V	200mA	150nA	4ns	.18	.175	.10	.05
726-BAV99E6327	BAV99E6327	SOT23-3	Dual	80V	200mA	150nA	4ns	.18	.175	.10	.05
726-BAW56E6327	BAW56E6327	SOT23-3	Dual	80V	200mA	150nA	4ns	.18	.175	.10	.05
726-SMBD7000E6327	SMBD7000E6327	SOT23-3	Dual	100V	200mA	100nA	4ns	.22	.206	.11	.06
726-MMBD7000LT1	MMBD7000LT1	SOT23-3	Dual	100V	200mA	500nA	4ns	.20	.187	.10	.05

Bridge Rectifier Diodes

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Config.	VR (max)	IF (max)	IR (max)	Trr (max)	Price Each			
								1	10	100	500
726-BGX50AE6327	BGX 50A E6327	SOT143-4	Bridge	50V	140mA	200nA	6ns	.29	.312	.21	.13

PIN DIODES

RF PIN diodes feature very low forward resistance, capacitance and low harmonics. Products for a frequency range from 1MHz and up to 6GHz are offered. Antenna switches, TV- and FM-tuner, as well as signal attenuators belong to the target applications. Single and dual diodes are available in various packages, incl. super-mini



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MOUSER STOCK NO.	Infineon Part No.	Package	Config.	IF (max)	CT (max)	rF (typ)	Trr (typ)	Price Each			
								1	10	100	500
726-BAR6402VE6327	BAR64-02VE6327	SC79-2	Single	100mA	0.35pF	2.1Ohm	1550ns	.32	.294	.22	.15
726-BAR81WE6327	BAR81WE6327	SOT343-4	Single	100mA	1pF	0.7Ohm	80ns	.62	.55	.48	.40
726-BA592E6327	BA592E6327	SOD323-2	Single	100mA	1.4pF	0.36Ohm	120ns	.29	.35	.27	.25
726-BAR6303WE6327	BAR63-03WE6327	SOD323-2	Single	100mA	0.3pF	1Ohm	75ns	.30	.288	.23	.16
726-BAR141E6327	BAR14-1E6327	SOT23-3	Dual	140mA	0.5pF	7Ohm	1000ns	.40	.431	.29	.23
726-BAR151E6327	BAR15-1E6327	SOT23-3	Dual	140mA	0.5pF	7Ohm	1000ns	.40	.431	.29	.23

RF VARACTOR DIODES

Infineon Varactor Diodes feature excellent inline matching, extremely low leakage current and low series resistance. It is the ideal choice for prestage filter and bandpass filter in SAT/UHF/VHF/FM tuner applications. Varactor Diodes, that are optimized for use in low tuning voltage applications, e.g. VCO's for mobile communication, are also offered. Available as single and dual diodes in various packages, incl. super-mini TSLP-package.



RoHS Compliant

UHF and VHF Tuners

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Config.	IF (max)	CT1 (typ)	CT2 (typ)	CT/CT	Price Each			
								1	10	100	500
726-BB555-02VE7902	BB555-02V E7902	SC79-2	Single	20mA	18.7pF	15pF	8.9(1/28V)	.45	.34	.23	.16
726-BB659C-02VE7902	BB 659C-02V E7902	SC79-2	Single	20mA	39pF	30.2pF	15.3(1/28V)	.43	.32	.21	.16
726-BB555E7902	BB 555 E7902	SCD80-2	Single	20mA	18.7pF	15pF	6.7(2/25V)	.45	.34	.23	.16
726-BB659CE7902	BB 659C E7902	SCD80-2	Single	20mA	39pF	30.2pF	15.3(1/28V)	.43	.32	.21	.16
726-BB689E7902	BB 689 E7902	SCD80-2	Single	20mA	56.5pF	43.4pF	15.5(2/25V)	.48	.35	.22	.17
726-BB439E6327	BB 439 E6327	SOD323-2	Single	20mA	43pF	34.5pF	6.9(2/25V)	.58	.413	.54	.49
726-BB535E7904	BB535E7904	SOD323-2	Single	20mA	18.7pF	15pF	6.7(2/25V)	.35	.283	.17	.10
726-BB639CE7908	BB639C E7908	SOD323-2	Single	20mA	39pF	30.2pF	11.1(2/25V)	.26	.205	.15	.10
726-BB639E7904	BB639E7904	SOD323-2	Single	20mA	38.3pF	29.75pF	14.7(1/28V)	.29	.281	.16	.11
726-BB640E6327	BB640E6327	SOD323-2	Single	20mA	69pF	54.5pF	16.6(2/25V)	.32	.294	.22	.15
726-BB833E6327	BB 833 E6327	SOD323-2	Single	20mA	9.3pF	--	12.7(1/28V)	.29	.35	.27	.24
726-BB857E7902	BB857E7902	SCD80-2	Single	20mA	6.6pF	--	12.7(1/28V)	.33	.348	.31	.28

VCO and Low Voltage Tuner

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Config.	IF (max)	CT1 (typ)	CT2 (typ)	CT/CT	Price Each			
								1	10	100	500
726-BBY57-02VE6327	BBY57-02VE6327	SC79-2	Single	20mA	17.5pF	8pF	2.45(1/3V)	.42	.35	.28	.22
726-BBY5702WE6327	BBY57-02WE6327	SCD80-2	Single	20mA	17.5pF	9pF	2.45(1/3V)	.42	.381	.28	.22