

INFINEON Diodes



This product is RoHS compliant.



SCHOTTKY DIODES

RF and AF Schottky diodes for Detector, Mixer, Clipping and Clamping, Switching and Rectifier Applications. Features include low forward resistance, low leakage, low capacitance and low level of signal distortion. Products for a current up to 3A and reverse voltages up to 240V are offered. Single Diodes and Diode Arrays in a variety of packages are offered, TSLP-package, including super-mini.

Medium Power

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Configuration	VR (max)	IF (max)	CT (max)	VF (max)	Price Each			
								1	10	100	500
726-BAT60AE6327	BAT60AE6327XT	SOD-323-2	Single	10V	3A	35pF	370mV	.54	.383	.255	.123

RF Mixer and Detector

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Configuration	VR (max)	IF (max)	CT (max)	VF (max)	Price Each			
								1	10	100	500
726-BAT1504WH6327	BAT1504WH6327XT	SOT-323-3	Dual	4V	110mA	0.26pF	0.23V	.49	.478	.459	.264
726-BAT2402LSE6327	BAT2402LSE6327XT	TSSLP-2-1	Single	4V	110mA	0.21pF	0.23V	1.11	.98	.774	.563

RF Signal Detection and Power Leveling

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Configuration	VR (max)	IF (max)	CT (max)	VF (max)	Price Each			
								1	10	100	500
726-BAT6202LSE6327XT	BAT6202LSE6327XT	TSLP-2-1	Single	40V	20mA	0.35pF	0.58V	.63	.532	.399	.252

ESD AND EMI PROTECTION DEVICES AND FILTERS

The Infineon solutions for ESD and EMI-protection are divided into two families. First, the ESDxx-series, our discrete and robust TVS diode arrays for ESD-, EFT- and surge protection and second the Infineon HIPAC, or BGFxx-series, that offer ESD and EMI protection. Our TVS-diode arrays and Infineon HIPAC products are characterized by low clamping voltage and high robustness. As for all Infineon products, this ESD/EMI-protection devices come with the same superior quality level and benefit from the advantages that only a proven high volume system supplier can provide.

Bi-Directional Low Capacitance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	VESD (min)	VRWM	VBR (min)	CT, VR @0V	IR (typ)	Price Each			
								1	10	100	500
726-ESD8V0R1B02LSE63	8V0R1B02LSE6327XT	TSSLP-2-1	18kV	-8.0 - 14.0V	8.5V	7pF	<1nA	.42	.189	.132	.094

General Purpose TVS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	VESD (min)	VRWM	VBR (min)	CT, VR @0V	IR (typ)	Price Each			
								1	10	100	500
726-ESD3V3U1U02LRHE6	3V3U1U02LRHE6327XT	TSLP-2-7	20kV	3.3V	5V	0.6pF	<1nA	.45	.25	.19	.135
726-ESD3V3U1U02LSE63	3V3U1U02LSE6327XT	TSSLP-2-1	20kV	3.3V	5V	0.6pF	<1nA	.50	.281	.213	.114
726-ESD5V0S1U03WE632	5V0S1U03WE6327XT	SOD-323-2	2.5kV	5V	5.5V	430pF	2mA	.45	.251	.19	.102
726-ESD5V0S2U06E6327	5V0S2U06E6327XT	SOT-23-3	2.5kV	5V	5.5V	430pF	2mA	.51	.296	.236	.171
726-5V3S1B02LRHE6327	5V3S1B02LRHE6327XT	TSLP-2-17	25kV	5.3V	6V	20pF	0.1µA	.45	.25	.19	.135
726-5V3S1U02LRHE6327	5V3S1U02LRHE6327XT	TSLP-2-17	25kV	5.3V	5.7V	40pF	0.1µA	.46	.297	.199	.086
726-ESD24VS2UE6327	24VS2UE6327XT	SOT-23-3	30kV	24V	26V	28pF	<1nA	.62	.44	.265	.15

High Speed Data Interfaces

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	VESD (min)	VRWM	VBR (min)	CT, VR @0V	IR (typ)	Price Each			
								1	10	100	500
726-ESD8V0L2B03LE632	8V0L2B03LE6327XT	TSLP-3	15kV	-8.0-14.0V	8.5V	2.0-8.5pF	100nA	.48	.273	.206	.101

Low Capacitance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	VESD (min)	VRWM	VBR (min)	CT, VR @0V	IR (typ)	Price Each			
								1	10	100	500
726-5V3L1U02LRHE6327	5V3L1U02LRHE6327XT	TSLP-2-17	30kV	5.3V	6V	2pF	<1nA	.45	.252	.191	.105
726-8V0L1B02LRHE6327	8V0L1B02LRHE6327XT	TSLP-2-17	25kV	-8.0 - 14.0V	8.5V	8.5pF	<1nA	.46	.27	.189	.086

RF ESD Protection

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	VESD (min)	VRWM	VBR (min)	CT, VR @0V	IR (typ)	Price Each			
								1	10	100	500
726-ESD0P4RFL6327	0P4RFL6327XT	TSLP-4-7	15kV	50V	---	0.4pF	20nA	.44	.306	.238	.122
726-ESD0P8RFL6327	0P8RFL6327XT	TSLP-4-7	20kV	50V	---	0.8pF	100nA (max)	.57	.40	.267	.155

Low Capacitance



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	VESD (min)	VRWM	VBR (min)	CT, VR @0V	IR (typ)	Price Each			
								1	10	100	500
726-ESD5V3L1B02LRHE6	ESD5V3L1B02LRHE6327XTMA1	TSLP-2-17	20kV	5.3V	6V	-	100nA	.48	.38	.228	.114
726-ESD5V3L1B02LSE63	ESD5V3L1B02LSE6327XTSA1	TSSLP-2-1	20kV	5.3V	6V	-	100nA	.48	.38	.228	.114
726-ESD5V5U5ULCE6327	ESD5V5U5ULCE6327	SC-74	25kV	5.5V	-	-	<1nA	.47	.37	.254	.176

Ultra-Low Capacitance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	VESD (min)	VRWM	VBR (min)	CT, VR @0V	IR (typ)	Price Each			
								1	10	100	500
726-ESD5V3U1U02LRHE6	5V3U1U02LRHE6327XT	TSLP-2-7	20kV	5.3V	6V	0.6pF	<10nA	.45	.25	.19	.135
726-ESD5V3U2U03LRHE6	5V3U2U03LRHE6327XT	TSLP-3-7	20kV	5.3V	6V	0.6pF	<1nA	.42	.277	.225	.187
726-ESD5V3U4UHDME63	5V3U4UHDME6327XT	TSLP-9-1	20kV	5.3V	6V	0.6pF	<1nA	.69	.52	.435	.377