

INFINEON Diodes



This product is RoHS compliant.



RoHS Compliant

SCHOTTKY DIODES

RF & 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. incl. super-mini

High-speed Switching, Clipping, Clamping

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Config.	VR (max)	IF (max)	CT (max)	VF (max)	Price Each			
								1	10	100	500
726-BAT54-06E6327	BAT 54-06 E6327	SOT23-3	Single	30V	200mA	10pF	800mV				
726-BAT54E6327	BAT 54 E6327	SOT23-3	Single	30V	200mA	10pF	800mV				
726-BAT64E6327	BAT 64 E6327	SOT23-3	Single	40V	250mA	4pF	570mV				
726-BAS40E6327	BAS 40 E6327	SOT23-3	Single	40V	120mA	3pF	720mV				
726-BAS70E6327	BAS 70 E6327	SOT23-3	Single	70V	70mA	1.5pF	705mV				
726-BAT54-04E6327	BAT 54-04 E6327	SOT23-3	Dual	30V	200mA	10pF	800mV				
726-BAT54-05E6327	BAT 54-05 E6327	SOT23-3	Dual	30V	200mA	10pF	800mV				
726-BAS40-04E6327	BAS 40-04 E6327	SOT23-3	Dual	40V	120mA	3pF	720mV				
726-BAT64-04E6327	BAT 64-04 E6327	SOT23-3	Dual	40V	250mA	4pF	570mV				
726-BAT64-04WE6327	BAT 64-04W E6327	SOT323-3	Dual	40V	250mA	4pF	570mV				
726-BAT64-05E6327	BAT 64-05 E6327	SOT23-3	Dual	40V	250mA	4pF	570mV				
726-BAT64-06E6327	BAT 64-06 E6327	SOT23-3	Dual	40V	250mA	4pF	570mV				
726-BAS40-05E6327	BAS 40-05 E6327	SOT23-3	Dual	40V	120mA	3pF	720mV				
726-BAS40-06E6327	BAS 40-06 E6327	SOT23-3	Dual	40V	120mA	3pF	720mV				
726-BAS7004WE6327	BAS70-04WE6327	SOT323-3	Dual	70V	70mA	1.5pF	705mV				
726-BAS70-04E6327	BAS 70-04 E6327	SOT23-3	Dual	70V	70mA	1.6pF	705mV				
726-BAS70-05E6327	BAS 70-05 E6327	SOT23-3	Dual	70V	70mA	1.6pF	705mV				
726-BAS7006E6327	BAS70-06E6327	SOT23-3	Dual	70V	70mA	1.6pF	705mV				

Medium Power

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Config.	VR (max)	IF (max)	CT (max)	VF (max)	Price Each			
								1	10	100	500
726-BAS3005A02VE6327	BAS 3005A-02V E6327	SC79-2	Single	30V	500mA	15pF	500mV				
726-BAT60AE6327	BAT60AE6327	SOD323-2	Single	10V	3A	35pF	370mV				
726-BAS3005B02VE6327	BAS 3005B-02V E6327	SC79-2	Single	30V	500mA	20pF	620mV				

RF Signal Detection and Power Leveling

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	Config.	VR (max)	IF (max)	CT (max)	VF (max)	Price Each			
								1	10	100	500
726-BAT6202WE6327	BAT6202WE6327	SCD80-2	Single	40V	20mA	0.6pF	0.58V				
726-BAT63-02VE6327	BAT 63-02V E6327	SC79-2	Single	3V	100mA	0.85pF	0.19V				

SILICON CARBIDE SCHOTTKY DIODES

Silicon Carbide (SiC) is a new material for power electronics, its physical properties outperform Si- and GaAs power devices by far. SiC power diodes provide increased efficiency, reduced size, higher frequency and produce significantly less electromagnetic interference (EMI) for a variety of target applications.



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MOUSER STOCK NO.	Infineon Part No.	Package	Config.	VR (max)	IF (max)	CT (max)	VF (max)	Price Each			
								1	10	100	500
726-IDT02S60C	IDT02S60C	TO220-2	2A	11.5A	1.7V	150mA	3.2nC				
726-IDT03S60C	IDT03S60C	TO220-2	3A	16A	1.7V	300mA	5nC				
726-SDT04S60	SDT04S60	TO220-2	4A	12.5A	1.7V	200mA	13nC				
726-SDT06S60	SDT06S60	TO220-2	6A	21.5A	1.5V	200mA	21nC				
726-SDT10S30	SDT10S30	TO220-2	10V	36A	1.5V	200mA	23nC				
726-SDT12S60	SDT12S60	TO220-2	12V	36A	1.5V	400mA	30nC				

ESD & 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.



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General Purpose TVS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	VESD (min)	VRWM	VBR (min)	Ct, Cl @ 0V	IR (typ)	Price Each			
								1	10	100	500
726-ESD5V0S1U03WE6327	ESD5V0S1U03WE6327	SOD323-2	2.5kV	5V	5.5V	430pF	2mA				
726-ESD5V0S2U06E6327	ESD5V0S2U06E6327	SOT23-3	2.5kV	5V	5.5V	430pF	2mA				
726-ESD5V0S5USE6327	ESD5V0S5USE6327	SOT363-6	2.5kV	5V	5.7V	70pF	2mA				

High Speed Data Interfaces

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	VESD (min)	VRWM	VBR (min)	Ct, Cl @ 0V	IR (typ)	Price Each			
								1	10	100	500
726-ESD8V0L2B03LE6327	ESD8V0L2B-03L E6327	TSLP-3	15kV	-8.0-14.0V	8.5V	2.0-8.5pF	100nA				