

Linecard 2025

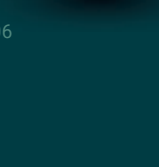
Discrete Active Components


Diodes


ESD & Overvoltage Protection, Rectifier Diodes, Schottky Diodes, Switching Diodes, Bridge Rectifier

02-2025


ESD & OVERVOLTAGE PROTECTION


Product type	Package	Voltage min	Voltage max	max.PD [w]
ESD  DFN1006	DFN0603	1	36	170
	DFN1006	2,5	36	1600
	DFN1210	5	5	60
	DFN1608	24	24	110
	DFN1610	2,5	36	5475
	DFN2020	15	24	6500
	DFN2510	1,5	5	112
	DFN2626	3,3	3,3	450
	DFN3020	2,5	2,5	860
	DFN3810	3,3	3,3	20
	SOD-323	3,3	36	2550
	SOD-523	3,3	36	504
	SOD-923	5	5	80
	SOP8	2,8	24	350
	SOT-143	3,3	70	350
	SOT-23	3,3	36	570
	SOT-323	5	24	150
	SOT-353	5	5	100
	SOT-363	5	5	250
	SOT-523	5	5	130
	SOT-553	5	5	50
	SOT-563	3,3	5	100
	SOT-723	5	5	50

Product type	Package	Voltage min	Voltage max	max.PD [w]
TVS  SMA	ASM-10A	10	170	7500
	DO-15	5,8	510	600
	DO-201	5,8	376	1500
	DO-218	10	48	6600
	DO-41	5,8	595	400
	P600	5	288	30000
	SLTO-263	20	57	6600
	SMA	5	800	1500
	SMB	5	480	3000
	SMC	5	495	8000
	SOD-123	3,3	440	600

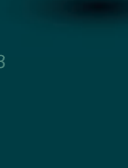
Product type	Package	Voltage min	Voltage max	max.PD [w]
Zener  SMA	DL-41G	3,3	75	1
	DO-201	3,3	200	5
	DO-35G	1,8	100	0,5
	DO-41	11	330	3
	DO-41G	3,3	75	1
	SMA	2,85	370	2
	SMB	3,3	200	3
	SMC	3,3	200	5
	SOD-123	1,8	330	1
	SOD-523	2,4	75	0,3
	SOD-80	2,4	75	0,5
	SOT-23	2,4	75	0,35
	SOT-323	2,4	39	0,2
	T1006P2	2	39	0,125

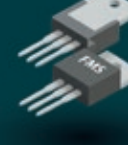
RECTIFIER DIODES

Product type	Package	Voltage min	Voltage max	max.IR [A]
General Purpose  SMA	SMB	50	1000	5
	DO-41	50	1000	1
	TO-252	50	1000	10
	P600	100	1000	10
	SMC	50	1000	15
	SMA	50	1000	2
	SOD-123	50	1000	2
	DO-15	50	1000	2
	TO-277	50	1000	8
	DO-201	50	1000	3

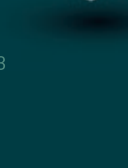
Product type	Package	Voltage min	Voltage max	max.IR [A]
Recovery  SMA	TO-247	400	600	30
	ITO-220	50	1600	20
	SOD-323	50	1000	1
	D2PAK	50	600	20
	TO-277	50	600	10
	DO-201	50	1000	6
	DO-15	50	1000	2
	SOD-123	50	1000	1
	DO-41	50	1000	1
	TO-220	50	600	20
	P600	50	1000	6
	SMA	50	1000	3
	SMC	50	1000	6
	SMB	50	1000	3
	PAK	50	600	10

SCHOTTKY DIODES


Product type	Package	Voltage min	Voltage max	max.IR [A]
Schottky  SOT-363	SOD-523	30	100	0,35
	DFN0603	30	30	0,75
	SMB	20	200	5
	DO-201	20	200	8
	SMC	20	200	8
	SOD-123	20	200	3
	TO-247	40	200	60
	SOD-323	10	200	2
	DO-15	40	200	2
	ITO-220	40	300	60
	D2PAK	40	200	60
	SOD-923	30	40	0,1
	DO-41	20	200	1
	PAK	40	200	20
	SOD-723	30	70	0,2
	TO-277	40	200	20
	DO-213	20	60	1
	SOT-23	25	70	1
	SMA	20	200	5
	SOT-363	30	70	0,2
	SOT-563	30	30	0,2
	TO-220	40	300	60
	DFN5060	60	100	30
	DFN1608	40	40	1
	DFN0402	40	40	0,2
	DFN1006	30	40	1
	R-1	40	60	1

Product type	Package	Voltage min	Voltage max	max.IR [A]
SIC 	ITO-220	650	650	20
	D2PAK	650	650	29
	PAK	650	650	29
	TO-247	650	1200	50
	TO-220	650	650	38

SWITCHING DIODES

Product type	Package	Voltage min	Voltage max	max.IR [A]
Switching  SOT-363	SOT-143	250	250	0,4
	SOT-23	50	350	0,25
	SOT-363	75	250	0,25
	SOT-323	75	250	0,25
	SOT-523	75	300	0,25
	SOD-123	100	350	0,25
	SOD-323	75	350	0,25
	SOD-523	75	300	0,25
	SOD-723	90	90	0,1
	SOD-923	90	90	0,1
	DFN1006	100	100	0,125
	Glass MicroMelf	100	100	0,3
	SOD-80	50	250	0,25
	DO-35	100	250	0,3
	DO-34	90	90	0,15

BRIDGE RECTIFIER

Product type	Package	Voltage min	Voltage max	max.IR [A]
Bridge Rectifier 	ABS	200	1000	1,3
	LMDS	40	1200	3
	LDBS	50	1000	6
	GBU	100	1000	17,5
	GBP	100	1000	25
	GBJ	100	1000	25
	KBPC	100	1000	25
	RB-15	100	1000	1,5
	MP-8	100	1000	7,5
	MDS	40	100	2
	KBU	100	1000	5
	KBP	100	1000	3
	GBPC	100	1000	25
	GBL	100	1000	4
	DF(S)	100	1000	2
	DB(S)	100	1000	2
	WOB	100	1000	2