

# HIGH-SPEED DIODES

Item Number	Part Number	Manufacturer	I <sub>o</sub> Max (A)	V <sub>RRM</sub> (V)	t <sub>r</sub> Max @ (s)	I <sub>F</sub> Test @ (A)	I <sub>R</sub> Test @ (A)	V <sub>F</sub> Max @ (V)	I <sub>F</sub> Test @ (A)	I <sub>R</sub> Test @ (A)	V <sub>R</sub> Test @ (V)	T <sub>Oper</sub> Max (°C)	Package Style
<b>General-Purpose, (Cont'd)</b>													
-	ERE75-01	CollmerFuji	30	100	300n	100m	100m	950m	30			150 J	DO-5
-	ERG24-01	CollmerFuji	30	100	300n	100m	100m	1.3	30			140 J	SIR-M8
-	ERG74-01	CollmerFuji	30	100	300n	100m	100m	1.3	30			140 J	SIR-M8
-	S03501DF	Microsemi CO	30	100	350n	100	9.0	1.4	93	80u	100	150 J	DO-5
5	1N3915	CrimsonSemi	30	100	350n	100	9.0	1.4	30	80u	100	150 C	DO-11
-	1N3915	Sid St Dvcs	30	100	350n	100	9.0	1.4	30	80u	100	50 C	DO-11
-	1N3915	Space Power	30	100	350n	100	9.0	1.4	30	80u	100	150 C	DO-11
-	SM01PCN013	Westcode	30	100	600n	50		1.4	40			100	DO-4
-	SM01PCN026	Westcode	30	100	700n	50		1.7	80			100	DO-4
10	12R5/3	Sid St Dvcs	30	125	35n	500m	1.0	900m	30	250u	125	175 A	TO-3
-	12R5/5	Sid St Dvcs	30	125	35n	500m	1.0	900m	30	250u	125	175 A	DO-5
-	12R5C	Sid St Dvcs	30	125	35n	500m	1.0	900m	30	250u	125	175 J	TO-3
-	12R5S	Sid St Dvcs	30	125	35n	500m	1.0	900m	30	250u	125	175 J	DO-5
-	12R5/3D	Sid St Dvcs	30	125	50n	500m	1.0	450m	30	250u	125	200 J	TO-3
15	12R5/61	Sid St Dvcs	30	125	50n	500m	1.0	500m	30	250u	125	200 J	TO-61
-	SFC3303	Diodes Inc	30	150	35n			93m	15	20u		150 J	TO-3
-	UFR3015 (A)	Microsemi CO	30	150	35n			98m	30	15u	150	175 J	DO-203AA
-	UES3015S (A)	Unitrode	30	150	35n	500m	1.0	1.0	30	10u	150	150	TO-247
-	15R5/3	Sid St Dvcs	30	150	35n	500m	1.0	900m	30	250u	150	175 A	TO-3
20	15R5/5	Sid St Dvcs	30	150	35n	500m	1.0	900m	30	250u	150	175 A	DO-5
-	15R5C	Sid St Dvcs	30	150	35n	500m	1.0	900m	30	250u	150	175 J	TO-3
-	15R5S	Sid St Dvcs	30	150	35n	500m	1.0	900m	30	250u	150	175 J	DO-5
-	SF3303	Diodes Inc	30	150	50n			915m	30	25u		150 J	TO-3
-	UES603	Unitrode	30	150	50n	500m	1.0	915m	30	25u		175 A	TO-3
25	15R5/3D	Sid St Dvcs	30	150	50n	500m	1.0	450m	30	250u	150	200 J	TO-3
-	15R5/61	Sid St Dvcs	30	150	50n	500m	1.0	500m	30	250u	150	200 J	TO-61
-	30CL11	ToshibaCorp	30	150	60n	2.0		98	30			150	SIR-M5
-	30CG15	ToshibaCorp	30	150	60n	3.0		86	30			150	SIR-M6
-	30MF15	Nihon Inter	30	150	200n	100m	100m	1.0	30	25u	150	150 J	SIR-1/4
30	UFR3020 (A)	Microsemi CO	30	200	35n			98	30	15u	200	175 J	DO-203AA
-	SDR902	Sid St Dvcs	30	200	35n	500m	1.0	1.7	30	50u	200	200 J	SIR-1/4
-	SDR932/61	Sid St Dvcs	30	200	35n	500m	1.0	1.7	30	50u	100	200 J	TO-61
-	SPR302	Diotec Elec	30	200	35n	0.5	1.0	950m	30	10u	200	150 S	TO-247
-	UFR3120 (A)	Microsemi CO	30	200	50n			1.2	30	15u	200	175 J	DO-203AA
35	UFR3002	Diotec Elec	30	200	50n	0.5	1.0	1.0	30	10u	200	150 S	TO-247
-	30DL11	ToshibaCorp	30	200	60n	2.0		98	30			200	SIR-M5
-	30DG15	ToshibaCorp	30	200	60n	3.0		86	30			126 C	SIR-M6
-	SVD200-30	Optek Tech	30	200	70n	1.0	1.0	1.2	30	10u	200		DO-5
-	SVD200-30I	Optek Tech	30	200	70n	1.0	1.0	1.2	30	10u	200		DO-5
40	BYT30-200	ThmsnCSFEFC	30	200	100n	1.0		1.5	30	3.5u	200	150 J	DO-5
-	BYT30PI200	ThmsnCSFEFC	30	200	100n	1.0		1.5	30	35u	200	150 J	TO-218var
-	BYT30P200	ThmsnCSFEFC	30	200	100n	1.0		1.5	30	35u	200	150 J	TO-218var
-	BYX65-200	SidSIElecll	30	200	100n	1.0	2.0	1.5	30	50u	200	150 J	DO-5
45	BYX65-200	ThmsnCSFEFC	30	200	100n	1.0	2.0	1.5	30	50u	200	150 J	DO-5
-	NSR8141	Diodes Inc	30	200	200n			1.4	30			150 A	TO-3
-	30MF20	Nihon Inter	30	200	200n	100m	100m	1.0	30	25u	200	150 J	SIR-1/4
-	IRD3911	Intl Rectfr	30	200	200n	1.0		1.8	94	80u	200	125 J	DO-203AB
-	IRD3911	IntlRect IT	30	200	200n	1.0		1.8	94	80u	200	125 J	DO-203AB
-	IRD3911	Nihon Inter	30	200	200n	1.0		1.8	94	80u	200	125 J	DO-203AB
50	R4020230NW	Powerex Inc	30	200	200n	1.0	3.0	1.4	30	80u	200	150 C	DO-5
-	1N3911	See Index	30	200	200n	1.0		1.4	30	25u	200	150 J	DO-203AB
-	30DG11	ToshibaCorp	30	200	200n	1.0		1.5	100			150 J	SIR-M6
55	ERE75-02	CollmerFuji	30	200	300n	100m	100m	950m	30			150 J	DO-5
-	ERG24-02	CollmerFuji	30	200	300n	100m	100m	1.3	30			140 J	SIR-M8
-	ERG74-02	CollmerFuji	30	200	300n	100m	100m	1.3	30			140 J	SIR-M8
-	S03502DF	Microsemi CO	30	200	350n	100	9.0	1.4	93	80u	200	150 J	DO-5
-	1N3916	CrimsonSemi	30	200	350n	100	9.0	1.4	30	80u	200	150 C	DO-11
-	1N3916	Sid St Dvcs	30	200	350n	100	9.0	1.4	30	80u	200	150 C	DO-11
-	1N3916	Space Power	30	200	350n	100	9.0	1.4	30	80u	200	150 C	DO-11
60	SM02PCN013	Westcode	30	200	600n	50		1.4	40			200	DO-4
-	SM02PCN026	Westcode	30	200	700n	50		1.7	80			200	DO-4
-	PF325R	Sanken Elec	30	250	300n			1.5	100			120 S	SIR-M6
-	SDR903	Sid St Dvcs	30	300	35n	500m	1.0	1.7	30	50u	300	200 J	SIR-1/4
-	SDR933/61	Sid St Dvcs	30	300	35n	500m	1.0	1.7	30	50u	200	200 J	TO-61
65	UFR3130 (A)	Microsemi CO	30	300	50n			1.2	30	15u	300	175 J	DO-203AA
-	BYT30-300	ThmsnCSFEFC	30	300	100n	1.0		1.5	30	3.5u	300	150 J	DO-5
-	BYT30PI300	ThmsnCSFEFC	30	300	100n	1.0		1.5	30	35u	300	150 J	TO-218var
-	BYT30P300	ThmsnCSFEFC	30	300	100n	1.0		1.5	30	35u	300	150 J	TO-218var
-	BYX65-300	SidSIElecll	30	300	100n	1.0	2.0	1.5	30	50u	300	150 J	DO-5
70	BYX65-300	ThmsnCSFEFC	30	300	100n	1.0	2.0	1.5	30	50u	300	150 J	DO-5
-	IRD3912	Intl Rectfr	30	300	200n	1.0		1.8	94	80u	300	125 J	DO-203AB
-	IRD3912	IntlRect IT	30	300	200n	1.0		1.8	94	80u	300	125 J	DO-203AB
-	IRD3912	Nihon Inter	30	300	200n	1.0		1.8	94	80u	300	125 J	DO-203AB
75	R4020330NW	Powerex Inc	30	300	200n	1.0	3.0	1.4	30	80u	300	150 C	DO-5
-	1N3912	See Index	30	300	200n	1.0		1.4	30	25u	300	150 J	DO-203AB
-	S03503DF	Microsemi CO	30	300	350n	100	9.0	1.4	93	80u	300	150 J	DO-5
-	SDR904	Sid St Dvcs	30	400	35n	500m	1.0	1.7	30	50u	400	200 J	SIR-1/4
-	SDR934/61	Sid St Dvcs	30	400	35n	500m	1.0	1.7	30	50u	300	200 J	TO-61
-	UFR3140 (A)	Microsemi CO	30	400	50n			1.2	30	15u	400	175 J	DO-203AA
80	UFR3004	Diotec Elec	30	400	50n	0.5	1.0	1.0	30	10u	400	150 S	TO-247
-	BYT30-400	ThmsnCSFEFC	30	400	100n	1.0		1.5	30	3.5u	400	150 J	DO-5
-	BYT30PI400	ThmsnCSFEFC	30	400	100n	1.0		1.5	30	35u	400	150 J	TO-218var
-	BYT30P400	ThmsnCSFEFC	30	400	100n	1.0		1.5	30	35u	400	150 J	TO-218var
85	BYX65-400	SidSIElecll	30	400	100n	1.0	2.0	1.5	30	50u	400	150 J	DO-5
-	BYX65-400	ThmsnCSFEFC	30	400	100n	1.0	2.0	1.5	30	50u	400	150 J	DO-5
-	NSR8142	Diodes Inc	30	400	200n			1.4	30			150 A	TO-3
-	IRD3913	Intl Rectfr	30	400	200n	1.0		1.8	94	80u	400	125 J	DO-203AB
-	IRD3913	IntlRect IT	30	400	200n	1.0		1.8	94	80u	400	125 J	DO-203AB
-	IRD3913	Nihon Inter	30	400	200n	1.0		1.8	94	80u	400	125 J	DO-203AB
90	R4020430NW	Powerex Inc	30	400	200n	1.0	3.0	1.4	30	80u	400	150 C	DO-5
-	1N3913	See Index	30	400	200n	1.0		1.4	30	25u	400	150 J	DO-203AB
-	30GG11	ToshibaCorp	30	400	200n	1							