

## FAIRCHILD DIODES/RECTIFIERS

### DIODES

#### DIODE DICE (BY DESCENDING BV)

Item	DEVICE NO.	Basic Standard Device	BV V Min	I <sub>R</sub> nA @ V Max	V <sub>R</sub> V @ V	V <sub>F</sub> V @ mA Max	I <sub>F</sub> mA	t <sub>rr</sub> ns @ Typ	I <sub>f</sub> = I <sub>r</sub> mA	C pF Max	Chip Size Mils	Basic Application
1	FDC3070	1N3070	200	100	175	1.0	100	50	10	2.5	15x15	High Voltage Switching
2	FDC485B	1N485B	200	25	175	1.0	100	500	10	5.0	17.5x17.5	High Voltage Low Leakage
3	FDC3600	1N3600	75	100	50	1.0	100	4.0	10	2.5	15x15	General Purpose Switching
4	FDC4376	1N4376	20	100	10	1.1	50	0.8	10	1.2	17.5x17.5	Ultra High Speed Switching

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### RECTIFIERS

#### GENERAL PURPOSE RECTIFIERS

##### GLASS PACKAGE

Item	DEVICE NO.	V <sub>R</sub> V @ Min	I <sub>R</sub> μA @	V <sub>F</sub> V @ Max	I <sub>F</sub> A @	V <sub>FM</sub> V @ Max	I <sub>O</sub> A @	Package No.
5	1N4001	50	10	1.1	1.0	1.6	1.0	DO-41
6	1N4002	100	10	1.1	1.0	1.6	1.0	DO-41
7	1N4003	200	10	1.1	1.0	1.6	1.0	DO-41
8	1N4004	400	10	1.1	1.0	1.6	1.0	DO-41
9	1N4005	600	10	1.1	1.0	1.6	1.0	DO-41

#### FAST RECOVERY RECTIFIERS

##### GLASS PACKAGE

Item	DEVICE NO.	V <sub>R</sub> V @ Min	I <sub>R</sub> μA @ Max	V <sub>F</sub> V @ Max	I <sub>F</sub> A @	t <sub>rr</sub> ns @ Max	Package No.
10	1N4933	50	5.0	1.2	1.0	200	DO-41
11	1N4934	100	5.0	1.2	1.0	200	DO-41
12	1N4935	200	5.0	1.2	1.0	200	DO-41
13	1N4936	400	5.0	1.2	1.0	200	DO-41
14	1N4937	600	5.0	1.2	1.0	200	DO-41