

## Small Signal Leaded Devices

### Switching Diodes

Type	Pkg	V <sub>R</sub> (V)	I <sub>F</sub> (mA)	V <sub>F</sub> (V) @	I <sub>F</sub> (mA)	I <sub>R</sub> (nA) @	V <sub>R</sub> (V)	t <sub>rr</sub> (ns)	C <sub>d</sub> (pF)
1N914	DO-35	75	75	1.00	10	25	20	4	4.0
1N914A	DO-35	75	75	1.00	20	25	20	4	4.0
1N914B	DO-35	75	75	0.72	5	25	20	4	4.0
1N916	DO-35	75	75	1.00	10	25	20	4	2.0
1N916B	DO-35	75	75	0.73	5	25	20	4	2.0
1N4148	DO-35	75	200	1.00	10	25	20	4	4.0
1N4149	DO-35	75	200	1.00	10	25	20	4	2.0
1N4150	DO-35	50	200	0.74	10	100	50	4	2.5
1N4151	DO-35	75	200	1.00	50	50	50	2	2.0
1N4153	DO-35	75	200	0.88	20	50	50	2	2.0
1N4446	DO-35	75	200	1.00	20	25	20	4	4.0
1N4448	DO-35	75	200	0.72	5	25	20	4	4.0
1N4449	DO-35	75	200	0.73	5	25	20	4	2.0
1N4531	DO-34	75	200	1.00	10	25	20	4	4.0
1N4532	DO-34	75	200	1.00	10	100	50	2	2.0
BAS11	DO-35	300	350	1.10	300	100	300	1000	15.0
BAV10	DO-35	60	300	1.00	200	100	60	6	2.5
BAV18	DO-35	50	250	1.00	100	100	50	50	5.0
BAV19	DO-35	100	250	1.00	100	100	100	50	5.0
BAV20	DO-35	150	250	1.00	100	100	150	50	5.0
BAV21	DO-35	200	250	1.00	100	100	200	50	5.0

### Bandswitch Diodes

Type	Pkg	V <sub>R</sub> (V)	I <sub>F</sub> (mA)	Diode Capacitance		Series Resistance			Application
				C <sub>d</sub> max (pF)	@ V <sub>R</sub> (V)	r <sub>D</sub> max (Ω)	@ I <sub>F</sub> (mA)	@ f (MHz)	
BA223	DO-34	20	50	3.5	6	1.5	10	1	AM
BA423	DO-34	20	50	2.5	3	1.2	10	1	AM
BA482	DO-34	35	100	1.2	3	0.7	3	200	VHF
BA483	DO-34	35	100	1.0	3	1.2	3	200	VHF
BA484	DO-34	35	100	1.6	3	1.2	3	200	VHF

### Variable Capacitance Diodes

Type	Pkg	V <sub>R</sub> (V)	I <sub>F</sub> (mA)	Diode Capacitance			Capacitance Ratio			Application
				C <sub>d</sub> (pF)	@ V <sub>R</sub> (V)	@ f (MHz)	C <sub>r</sub> (V)	@ V / V	(V)	
BB119	DO-35	15	200	20-25	4.0	1.0	>1.3	4	10	AFC
BB417	DO-34	20	20	8-11	4.0	0.5	2-5	4	15	AFC
BB112	SOD-69	12	50	440-540	1.0	1.0	>18	1	8.5	AM
BB130	SOD-69	30	50	450-550	1.0	1.0	>23	1	28	AM
BB212	TO-92	12	100	500-620	0.5	1.0	>22.5	0.5	8	AM
BB204B	TO-92	30	100	37-42	3.0	1.0	2.5-2.8	3	30	FM
BB204G	TO-92	30	100	34-39	3.0	1.0	2.5-2.8	3	30	FM
BB405B	DO-34	30	20	18 MAX	1.0	0.5	>7.6	1	28	UHF
BB809	DO-34	28	20	39-46	1.0	0.5	8-10	1	28	VHF
BB909A	DO-34	30	20	31 MIN	1.0	0.5	12-15	1	28	VHF
BB909B	DO-34	30	20	33.5 MIN	1.0	0.5	12-15	1	28	VHF
BB910	DO-34	28	20	38 MIN	0.5	1.0	—	—	—	VHF
BB911	DO-34	30	20	63 MIN	0.5	1.0	21	0.05	28	VHF