



Small-Signal Switching Diodes

Part Number			Electrical Characteristics									
			V_{RRM}	I_{FRM}	I_R at V_R		V_F at I_F		t_{RR} at I_F		I_R and i_R	
DO35	SOD80	QuadromELF MicroMELF	V	mA	μA	V	V	mA	ns	mA	mA	mA
General-Purpose Small-Signal Diodes												
BAS33 ¹⁾	BAQ33 ¹⁾	BAQ133 ¹⁾ BAQ333 ¹⁾	40	450	< 0.003	30	< 1	100	–	–	–	–
BAS34 ¹⁾	BAQ34 ¹⁾	BAQ134 ¹⁾ BAQ334 ¹⁾	70	450	< 0.003	60	< 1	100	–	–	–	–
BAV17	–	–	25	625	< 0.1	20	< 1	100	< 50	30	30	3
BAV18	BAV100	BAV200 BAV300	60	625	< 0.1	50	< 1	100	< 50	30	30	3
BAV19	BAV101	BAV201 BAV301	120	625	< 0.1	100	< 1	100	< 50	30	30	3
BAV20	BAV102	BAV202 BAV302	200	625	< 0.1	150	< 1	100	< 50	30	30	3
BAV21	BAV103	BAV203 BAV303	250	625	< 0.1	200	< 1	100	< 50	30	30	3
BAW27	–	–	75	600	< 0.1	60	< 1	200	< 6	10	10	1
BAW75	–	–	35	450	< 0.1	25	< 1	30	< 4	10	10	1
BAW76	–	–	75	450	< 0.1	50	< 1	100	< 4	10	10	1
BAY80	–	–	150	625	< 0.1	120	< 1	100	< 50	30	30	3
BAY135 ¹⁾	BAQ35 ¹⁾	BAQ135 ¹⁾ BAQ335 ¹⁾	140	450	< 0.003	125	< 1	100	–	–	–	–
1N4148	LL4148	LS4148 MCL4148	100	450	< 5	75	< 1	10	< 8	10	10	1
1N4150	LL4150	LS4150	50	600	< 0.1	50	< 1	200	< 4	10	10	1
1N4151	LL4151	LS4151 MCL4151	75	450	< 0.05	50	< 1	50	< 4	10	10	1
1N4154	LL4154	LS4154 MCL4154	35	450	< 0.1	25	< 1	30	< 4	10	10	1
1N4448	LL4448	LS4448 MCL4448	100	450	< 5	75	< 1	100	< 8	10	10	1
–	BA604	–	80	450	< 1	50	< 1.1	50	< 20	10	10	1

Band Switching Diodes

Part Number			Electrical Characteristics								
			V_R	C_{D1} at V_R		C_{D2} at V_R		r_{f1} at I_F		r_{f2} at I_F	
DO35	SOD80	QuadromELF MicroMELF	V	pF	V	pF	V	Ω	mA	Ω	mA
BA282	BA682	BA982 BA1282	35	< 1.5	1	< 1.25	3	< 0.7	3	< 0.5	10
BA283	BA683	BA983 BA1283	35	< 1.5	1	< 1.2	3	< 1.2	3	< 0.9	10

1) Low-leakage diode