Variable-Capacitance Tuner Diodes (SOT23 or SOD123 or SOD323 Plastic Package)
Delivered in matched sets.

Type	Package	Capacitance			Capacitance Ratio				Series Resistance				Reverse Current	
		min. pF	max. pF	at V_R V	min.	max.	at V_R = V	to V	Ω typ.	Ω max.	at f MHz	and C pF	max. nA	at V_R V
BB404A*	SOT23	42	43.5	2	1.65	1.75	2	8	–	0.4	100	38	20	10
BB404B	SOT23	43	44.5	2	1.65	1.75	2	8	–	0.4	100	38	20	10
BB404C	SOT23	44	45.5	2	1.65	1.75	2	8	–	0.4	100	38	20	10
BB404D	SOT23	45	46.5	2	1.65	1.75	2	8	–	0.4	100	38	20	10
BB404E	SOT23	46	47.5	2	1.65	1.75	2	8	–	0.4	100	38	20	10
BB814*	SOT23	43	46.5	2	1.95	2.35	2	8	–	0.4	100	38	20	16
BB721	SOD123	1.9	2.29	28	8.0	–	1	28	–	0.5	470	14	10	30
BB723	SOD123	1.9	2.25	28	9.5	15	1	28	–	0.8	470	14	10	30
BB729	SOD123	2.38	2.93	28	12	–	1	28	–	0.8	470	25	10	30
BB730	SOD123	2.7	2.9	28	14.8	16.8	1	28	–	0.9	330	25	30	28
BB731	SOD123	3.15	3.55	28	19.5	25	1	28	0.9	1.0	300	25	30	28
BB702	SOD323	0.65	0.9	28	11.6	14	1	28	1.2	1.5	470	9	10	30
BB701S	SOD323	0.9	1.2	28	8.0	9	1	28	–	1.2	470	9	10	30
BB721S	SOD323	2.0	2.29	28	8.0	–	1	28	–	0.5	470	14	10	30
BB723S	SOD323	1.9	2.25	28	9.5	15	1	28	–	0.8	470	14	10	30
BB729S	SOD323	2.38	2.93	28	12	–	1	28	–	0.8	470	25	10	30
BB730S	SOD323	2.7	2.9	28	14.8	16.8	1	28	–	0.9	330	25	30	28
BB731S	SOD323	3.15	3.55	28	19.5	25	1	28	0.9	1.0	300	25	30	28

* The types BB404A and BB814 are dual capacitance diodes with common cathode. Pin 1: Cathode, Pin 2: Anode 1, Pin 3: Anode 2.

High Frequency Diode Switches for Bandswitching (SOD123 or SOD323 Plastic Package)

Type	Package	Reverse Voltage	Forward Current at T_A = 25 °C	Forward Voltage Drop at I_F = 100 mA	Reverse Current at V_R = 20 V	Forward Dynamic Impedance at f = 50–1000 MHz			Series Inductance Directly Across Package	Capacitance at V_R = 3 V, f = 1 MHz
		max. Volts	max. mA	max. Volts	max. nA	typ. Ω	max. Ω	at I_F mA	nH typ.	max. pF
BA782	SOD123	35	100	1.0	50	–	0.7	3.0	2.5	1.25
BA783	SOD123	35	100	1.0	50	–	1.2	3.0	2.5	1.20
BA782S	SOD323	35	100	1.0	50	–	0.7	3.0	2.5	1.25
BA783S	SOD323	35	100	1.0	50	–	1.2	3.0	2.5	1.2