Variable-Capacitance Tuner Diodes (SOD-123 or SOD-323 Plastic Package) T_A = 25 °C

Delivered in matched sets.

Type	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
SOD-123 Plastic Package													
BB721	1.9	2.29	28	8.0	–	1	28	–	0.5	470	14	10	30
BB729	2.38	2.93	28	12	–	1	28	–	0.8	470	25	10	30
BB730	2.7	2.9	28	14.8	16.8	1	28	–	0.9	330	25	30	28
BB731	3.15	3.55	28	19.5	25	1	28	0.9	1.0	300	25	30	28
SOD-323 Plastic Package													
BB701S	0.9	1.2	28	8.0	9	1	28	–	1.2	470	9	10	30
BB721S	1.9	2.29	28	8.0	–	1	28	–	0.5	470	14	10	30
BB729S	2.38	2.93	28	12	–	1	28	–	0.8	470	25	10	30
BB730S	2.7	2.9	28	14.8	16.8	1	28	–	0.9	330	25	30	28
BB731S	3.15	3.55	28	19.5	25	1	28	0.9	1.0	300	25	30	28

High Frequency Diode Switches for Bandswitching (SOD-123 or SOD-323 Plastic Package) T_A = 25 °C

Type	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
SOD-123 Plastic Package									
BA782	35	100	1.0	50	–	0.7	3.0	2.5	1.25
BA783	35	100	1.0	50	–	1.2	3.0	2.5	1.20
SOD-323 Plastic Package									
BA782S	35	100	1.0	50	–	0.7	3.0	2.5	1.25
BA783S	35	100	1.0	50	–	1.2	3.0	2.5	1.20