

NF-Dioden / AF Diodes

PIN Diodes
Glass Package

Type	Max. ratings			Characteristics						Package	Marking	Fig.
	V_R V	I_F mA	T °C	I_R nA	C_T pF	f MHz	r_f Ω	f MHz	V_F V			
BA 389	30	50	150	≤ 50	0.55	1	≤ 40	100	≤ 1	DO-35 DHD	—	2

SMD Plastic Package

BA 582	35	100	125	20	0.92	1	≤ 0.7	100	≤ 1	SOD-123	blue S	29
BA 585	50	50	125	≤ 50	0.28	1	22	100	≤ 1.1	SOD-123	white R	29
BA 885	50	50	125	≤ 50	0.28	1	≤ 40	100	≤ 1.1	SOT-23	PA	31 e

Tuning Diodes
Glass Package

Type	Max. ratings		Characteristics						Package	Marking	Fig.
	V_R V	I_F mA	C_T pF	f MHz	V_R V	C_T / C_{T2} —	V_{R1} / V_{R2} —	r_s Ω			
BB 409	28	20	4.5...5.6	1	25	5...6.5	3:25	0.3	DO-35 DHD	—	2
BB 505 B	28	20	1.85...2.25	1	28	7.7...9.4	1:28	0.7	DO-35 DHD	—	2
BB 505 G	28	20	1.8...2.4	1	28	7.5...9.5	1:28	1	DO-35 DHD	—	2
BB 609 A	30	20	2.5...3	1	28	12...15	1:28	0.7	DO-35 DHD	—	2
BB 609 B	30	20	2.8...3.2	1	28	12...15	1:28	0.7	DO-35 DHD	—	2

Plastic Package

BB 112	12	50	440...520	1	1	≥ 18	1.8.5	1.4	TO-92	—	17
BB 204	30	50	34...39	1	3	2.55...2.8	3:30	0.2	TO-92	green	18 a
	30	50	37...42	1	3	2.55...2.8	3:30	0.2	TO-92	blue	18 a
BB 304	30	50	42...47.5	1	2	1.65...1.75	2.8	0.2	TO-92	—	18 a

SMD Plastic Package

Type	Max. ratings		Characteristics						Package	Marking	Fig.
	V_R V	I_R nA	C_T pF	f MHz	V_R V	C_T / C_{T2} —	V_{R1} / V_{R2} —	r_s Ω			
BB 419	28	≤ 20	26...32	1	3	> 5	3:25	≤ 0.5	SOD-123	white 2	29
BB 512	12	≤ 20	17.5...34	1	8	> 15	1:8	1.4	SOD-123	white M	29
BB 515	30	≤ 10	1.85...2.25	1	28	8...9.6	1:28	0.5	SOD-123	white S	29
BB 619	30	≤ 10	2.4...2.9	1	28	> 12.5	1:28	0.7	SOD-123	yellow S	29
BB 620	30	≤ 10	2.9...3.4	1	28	19.5...25	1:28	1.3	SOD-123	red S	29
BB 801	30	≤ 20	0.85...1.2	1	28	7.8...9.5	1:28	1	SOT-23	UF	31 e
BB 804	18	≤ 20	42...47.5	1	2	1.7	2:8	0.25	SOT-23	SF	31 c
BB 811	30	≤ 20	0.85...1.2	1	28	7.8...9.5	1:28	1	SOD-123	white T	29
BB 814	18	≤ 20	43...46.5	1	2	1.95...2.35	2:8	0.25	SOT-23	SH	31 c