

Epitaxial Planar Diode Switches

REFERENCE TABLE. For r.f. bandswitching up to 1000 MHz

Code	Switching Band	$V_{(BR)}$ min. V	R_F max. at Ω	I_F mA	C max. at pF	V_R V	Stock No.	Outline Drawing No.
BA243	VHF	20	1.0	10	2	15	27730R	10
BA244	UHF	20	0.5	10	2	15	27729F	

Silicon Diodes—0.4 Amp

These diodes are epoxy packaged and designed for use in high speed switching applications, e.g. diode damping in colour TV.

REFERENCE TABLE. All ratings at 25°C.

Code	V_{RM} (V)	V_F max (at $I_F=1A$)	I_R max (at V_{RM})	C at f=1MHz (at V_{RM}) pF	Stock No.	Outline Drawing No.
BA157	400	1.5	5 μ A	3	30913R	12
BA158	600	1.5	5 μ A	2	30914G	
BA159	1000	1.5	5 μ A	1.8	30915E	

Silicon Epitaxial Planar Diodes

Outline drawing No. 19 applies to all the types listed below.

REFERENCE TABLE. Characteristics at $T_{amb} = 25^\circ C$

Code	V_R V	V_{RM} V	I_o mA	P_{tot} mW	T_j °C	I_R nA	@ V_R V	V_F V	@ I_F mA	trr ns @	Stock No.
BA200	35	—	150	500	150	<50	25	<1.2	100	<4	30904X
BA201	50	—	150	500	150	<100	30	<1.2	100	<4	30905R
BA202	75	—	150	500	150	<100	50	<1.2	100	<4	30906G
BA203	100	—	150	500	150	<50	75	<1.2	100	<4	30907E
BAX13	50	50	75	—	200	<25	10	<1	20	<4	29333C
BAX16	150	—	200	—	200	<25	50	<1.3	100	<120	30909A
ITT33	35	—	150	500	200	<100	20	<1	10	<4	29484B
ITT44	50	—	150	500	200	<100	20	<1	10	<4	30699F
ITT600	—	75	200	500	150	<100	50	<1	200	<4	16660R
ITT920	—	50	200	500	—	<200	50	<1.2	200	—	30900H
ITT921	—	100	200	500	—	<200	100	<1.2	200	—	30901F
ITT922	—	150	200	500	—	<200	150	<1.2	200	—	33200E
ITT923	—	200	200	500	—	<200	200	<1.2	200	—	33201C
ITT2001	100	—	100	250	175	<100	50	<1	100	<50	18174E
ITT2002	200	—	100	250	175	<100	150	<1	100	<50	16848G
ITT2003	250	—	100	250	175	<100	150	<1	100	<50	18175C
1N916	75	100	75	500	200	<25	20	<1	10	<4	30903B
1N914	75	100	150	500	200	<25	20	<1	10	<4	30902D
1N4148	75	100	150	500	200	<25	20	<1	10	<4	13174H
1N4149	75	—	150	500	200	<25	20	<1	10	<4	27731G
1N4150	50	—	150	500	200	<100	50	<0.62	1	<6	27732E
1N4151	50	75	150	500	200	<50	50	<1	50	<2	27733C
1N4154	25	35	150	500	200	<100	25	<1	30	<2	27734A
1N4446	75	100	150	500	200	<25	20	<1	20	<4	27735X
1N4447	75	100	150	500	200	<5 μ A	75	<1	20	<4	27736H
1N4448	75	100	150	500	200	<25	20	<1	100	<4	27737F
1N4449	75	100	150	500	200	<5 μ A	75	<0.73	5	<4	27738D

MANUFACTURER'S CURRENT LIST PRICES ARE ALWAYS CHARGED