

SOT-23 TRANSISTORS & DIODES

SILICON ABRUPT TUNER DIODES

Type	Reverse breakdown Voltage V_R Volts max.	Nominal capacitance at $V_R=2V$, $f=1MHz$ C_{tot} pF			Capacitance ratio $f=1MHz$ C_2/C_{20} min.	Q at $V_R=3V$ $f=50MHz$ min.
		min.	typ.	max.		
FMMV2101	30	6.12	6.8	7.48	2.7	450
FMMV2102	30	7.4	8.2	9.1	2.7	450
FMMV2103	30	9.0	10.0	11.0	2.7	400
FMMV2104	30	10.8	12.0	13.2	2.8	400
FMMV2105	30	13.5	15.0	16.5	2.8	400
FMMV2106	30	16.2	18.0	19.8	2.8	350
FMMV2107	30	19.8	22.0	24.2	2.8	350
FMMV2108	30	24.3	27.0	29.7	2.8	300
FMMV2109	30	29.7	33.0	36.3	2.8	200

ZENER DIODES

Type	Range (V)	Voltage tolerance %	P_{tot} mW	I_{ZRM} mA	I_{FRM} mA
BZX84	2V7 to 47V	5 or 10	350	200	200
FMMZ5232-5257	5V6 to 33V	5	350	200	200

SILICON PLANAR HIGH SPEED SWITCHING DIODES

Type	Description	Ratings		t_{rr} max. ns	Max. V_F at I_F = mA 10 50 100
		V_R Volts	I_F mA		
BAS21	Single diode	200	200	50	-/-/1.0
BAS20	Single diode	150	200	50	-/-/1.0
BAS19	Single diode	100	200	50	-/-/1.0
BAS16	Single diode	75	100	6	0.855/1.0/-
FMMD914	Single diode	75	75	4/8	1.0/-/-
HD3A	Single diode	75	100	6	1.0/-/-
BAL99	Single diode	70	100	6	0.855/1.1/1.3
BAR99	Single diode	70	100	6	0.855/1.1/1.3
BAL74	Single diode	50	150	4	-/-/1.0
BAR74	Single diode	50	150	4	-/-/1.0
FMMD6050	Single diode	70	100	6	-/-/1.1
FMMD6100	Dual diode with common cathode	70	200	5	0.7/-/1.1
BAV70	Dual diode with common cathode	70	100	6	0.855/1.1/1.3
BAV74	Dual diode with common cathode	50	150	4	-/-/1.0
HD2A	Dual diode with common cathode	75	100	6	1.0/-/-
FMMD2837	Dual diode with common cathode	30	100	6	1.0/1.0/1.2
FMMD2838	Dual diode with common cathode	50	100	6	1.0/1.0/1.2
BAV99	Dual diode with series connection	70	100	6	0.855/1.1/1.3
FMMD7000	Dual diode with series connection	70	200	15	0.7/-/1.1
BAW56	Dual diode with common anode	70	100	6	0.855/1.1/1.3
HD4A	Dual diode with common anode	75	100	6	1.0/-/-
FMMD2836	Dual diode with common anode	75	100	6	1.0/1.0/1.2
FMMD2835	Dual diode with common anode	35	100	6	1.0/1.0/1.2