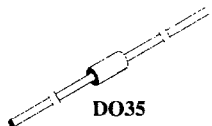




SOT23



SOD80



DO35



QuadroMELF

Small-Signal Dual Diodes in SOT23 Package

Part Number		Electrical Characteristics									
		V_{RRM}	I_{FRM}	I_R at V_R		V_F at I_F		t_{RR} at I_F		I_R and i_R	
		V	mA	μA	V	V	mA	ns	mA	mA	mA
BAV70	Common cathode	70	450	< 2.5	70	< 1	50	< 6	10	10	1
BAV99	Connected in series	70	450	< 2.5	70	< 1	50	< 6	10	10	1
BAW56	Common anode	70	450	< 2.5	70	< 1	50	< 6	10	10	1

PIN Diodes

Part Number	Electrical Characteristics													Package
	V _R	I _F	V _F at I _F		I _R at V _R		C _D at f V _R = 0		r _f at I _F		Z _T at V _R and f			
	V	mA	V	mA	μA	V	pF	MHz	Ω	mA	kΩ	V	MHz	
BA479G	30	50	< 1	20	< 0.05	30	< 0.5	100	< 50	1.5	> 5	0	100	DO35
BA479S	30	50	< 1	20	< 0.05	30	< 0.5	100	< 50	1.5	> 9	0	100	DO35
BA679	30	50	< 1	20	< 0.05	30	< 0.5	100	< 50	1.5	> 5	0	100	SOD80
BA679S	30	50	< 1	20	< 0.05	30	< 0.5	100	< 50	1.5	> 9	0	100	SOD80
BA779	30	50	< 1	20	< 0.05	30	< 0.5	100	< 50	1.5	> 5	0	100	SOT23
BA779S	30	50	< 1	20	< 0.05	30	< 0.5	100	< 50	1.5	> 9	0	100	SOT23
BA779-2 ¹⁾	30	50	< 1	20	< 0.05	30	< 0.5	100	< 50	1.5	> 5	0	100	SOT23
BA979	30	50	< 1	20	< 0.05	30	< 0.5	100	< 50	1.5	> 5	0	100	Quadro-MELF
BA979S	30	50	< 1	20	< 0.05	30	< 0.5	100	< 50	1.5	> 9	0	100	Quadro-MELF

1) Dual diode

Varactor Diodes

Part Number	Group	Electrical Characteristics											Package	
		V _R	$\frac{C_{Dmin}}{C_{Dmax}}$ at V _R		$\frac{C_{D1}}{C_{D2}}$ at $\frac{V_{R1}}{V_{R2}}$		r _s at V _R or C _D			Q at V _R or C _D				
		V	pF	V		V/V	Ω	V	pF		V	pF		
BB804	1)	20	$\frac{42}{47.5}$	2		$\frac{1.65}{1.75}$	$\frac{2}{8}$	0.3	—	38	150	—	38	SOT23
BB814	2)	20	$\frac{43}{46.5}$	2		$\frac{2.05}{2.25}$	$\frac{2}{8}$	0.3	—	38	150	—	38	SOT23
BB824	2)	20	$\frac{42.5}{45.0}$	2		$\frac{2.25}{2.45}$	$\frac{2}{8}$	< 0.5	2	—	> 100	2	—	SOT23

1) Capacitance groups available on request. A packing unit contains diodes from one capacitance group only.

2) Capacitance deviation for 4 diodes taped in sequence is max 3%.