



# SWITCHING DIODES

TYPE	Maximum Peak Reverse Voltage	Maximum Reverse Recovery Time	Power Dissipation	Maximum Forward Peak Surge Current		Maximum Reverse Current @ $V_R$ @25°C $T_A$		Maximum Forward Voltage @25°C $T_A$		Package Outline Drawings No. Please refer to page 119-128
	PRV	*T <sub>rr</sub>	P <sub>TOT</sub>	I <sub>FSM</sub> @ T		I <sub>R</sub>	V <sub>R</sub>	V <sub>FM</sub>	I <sub>FM</sub>	
	V	nS	mW	A	mS	µA <sub>dc</sub>	V	V	A	

NOTE: T<sub>rr</sub> Test Conditions: I<sub>F</sub>=-I<sub>R</sub>=10mA to I<sub>RR</sub>=-1mA, V<sub>R</sub>=6V, R<sub>L</sub>=100Ω

### 350 mWatts

BAV16W	100	6	350	2.0	0.001	1.0	75	0.855	10	SOD-123 (No.:49)
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### 410 mWatts

1N4148W	100	4	410	2.0	0.001	2.5	75	1.0	50	SOD-123 (No.:49)
1N4150W	50			0.5	1000	0.1	50		200	
1N4151W	75	2	500	0.5	1000	0.05	50	10		
1N4448W	100	4		4.0	0.001	2.5	75	100		
BAV19W	120	50	410	2.5	0.001	0.1	100	1.0	100	
BAV20W	200						150			
BAV21W	250						200			

### 500 mWatts

1N914B	100	4	500	0.5	1000	5.0	75	1.0	10	DO-35 / DO-34* (No.:8/7)
1N4148	100					5.0	75		10	
1N4150	50	2	500	0.5	1000	0.1	50	200		
1N4151	75					0.05	50	50		
1N4448	100	4	5.0	75	100					
BAV19	120	50	400	1.0	1000	0.1	100	1.0	100	DO-35 (No.:8)
BAV20	200						150			
BAV21	250						200			
CD4148W	100	4	500	0.5	1000	5.0	75	1.0	10	1206C(No.:67)
CD4148WS	100						75			0805C(No.:67)
CD4148WT	100						75			0603C(No.:67)
DL914B	100	4	500	0.5	1000	5.0	75	1.0	10	Mini Melf(DL-35) (No.:62)
DL4148	100						5.0		75	
DL4150	50	2	500	0.5	1000	0.1	50	1.0	200	
DL4151	75						0.05		50	
DL4448	100	4	5.0	75	100					
DLM4148	100	4	500	0.5	1000	5.0	75	1.0	10	Micro Melf (No.:61)
DLM4448	100						100			
DLQ4148	100	4	500	0.5	1000	5.0	75	1.0	10	Quadro Melf (No.:60)
DLQ4448	100						100			

NOTE: Suffix "M" stands for "DO-34" package.(e.g.: 1N4148M)

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