



SYNSEMI SEMICONDUCTOR

- 1N4448** - DO-35 Axial-leaded Package
- 1N4448M** - DO-34 Axial-leaded Package
- LL4448** - LL-34 Surface Mount Package

Device Electrical Characteristics (TA = 25°C unless otherwise noted.)

Symbol	Parameter	Test Condition	Limits		Unit
			Min	Max	
BV	Breakdown Voltage	$I_R=100\mu A$	100	---	Volts
		$I_R=5\mu A$	75	---	
I_R	Reverse Leakage Current	$V_R=20V$	---	25	nA
V_F	Forward Voltage	$I_F=5mA$	0.62	0.72	Volts
		$I_F=100mA$	---	1.0	
T_{RR}	Reverse Recovery Time	$I_F=I_R=10mA$ $R_L=100\Omega$ $I_{RR}=1mA$	---	4	nS
C	Capacitance	$V_R=0V, f=1MHz$	---	4	pF

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