



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	
B_V	Breakdown Voltage	I _R =100μA	100	---	Volts
		I _R =5μA	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	---	4	nS
		R _L =100Ω			
		I _{RR} =1mA			
C	Capacitance	V _R =0V, f=1MHz	---	4	pF