



SYNSEMI SEMICONDUCTOR

1N4454 - DO-35 Axial-leaded Package
1N4454M - DO-34 Axial-leaded Package
LL4454 - 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 =5.0μA	75	---	Volts
I_R	Reverse Leakage Current	V _R =50V	---	100	nA
V_F	Forward Voltage	I _F =250μA I _F =1.0mA I _F =2.0mA I _F =10mA	0.505 0.550 0.610 ---	0.575 0.650 0.710 1.0	Volts
T_{RR}	Reverse Recovery Time	I _F =I _R =10mA R _L =100Ω I _{RR} =1mA	---	4	nS
C	Capacitance	V _R =0V, f=1MHz	---	2	pF