



SYNSEMI SEMICONDUCTOR

**1N4154** - DO-35 Axial-leaded Package  
**1N4154M** - DO-34 Axial-leaded Package  
**LL4154** - LL-34 Surface Mount Package

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

Symbol	Parameter	Test Condition	Limits		Unit
			Min	Max	
<b>B<sub>V</sub></b>	Breakdown Voltage	I <sub>R</sub> =5μA	35	---	Volts
<b>I<sub>R</sub></b>	Reverse Leakage Current	V <sub>R</sub> =25V	---	100	nA
<b>V<sub>F</sub></b>	Forward Voltage	I <sub>F</sub> =30mA	---	1.0	Volts
<b>T<sub>RR</sub></b>	Reverse Recovery Time	V <sub>R</sub> =6.0V I <sub>F</sub> =10mA R <sub>L</sub> =100Ω I <sub>RR</sub> =1mA	---	4	nS
<b>C</b>	Capacitance	V <sub>R</sub> =0V, f=1MHz	---	4	pF