



SYNSEMI SEMICONDUCTOR

- 1N914A** - DO-35 Axial-lead Package
- 1N914AM** - DO-34 Axial-lead Package
- LL914A** - 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	---	
IR	Reverse Leakage Current	$V_R=20V$	---	25	nA
		$V_R=75V$	---	5	μA
VF	Forward Voltage	$I_F=20mA$	---	1.0	Volts
TRR	Reverse Recovery Time	$I_F=I_R=10mA$	---	4	nS
		$R_L=100\Omega$			
		$I_{RR}=1mA$			
C	Capacitance	$V_R=0V, f=1MHz$	---	4	pF