

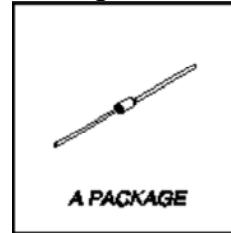
1N6536 (#4963)

RFQ/Sample

Ultra Fast Rectifier (less than 100ns)

Division	Ireland	Datasheet	(none)
Mil-Spec	(none)	Spice Data	(none)
Shipping	(none)	Qual Data	Contact Microsemi

Package



Maximum Electrical Rating	Symbol	Max	Unit
Output Current	I_O	1	A
Reverse Voltage	V_{rwm}	400	V

Electrical Rating	Symbol	Min	Typ	Max	Unit
Forward Voltage					
($I_F=1\text{ A}$, $T_A=25\text{ }^\circ\text{C}$, 300 μs pulse)	V_{F1}			1.5	V
($I_F=1\text{ A}$, $T_A=25\text{ }^\circ\text{C}$)	V_{F2}			1.5	V
Reverse Leakage Current					
($V_{rwm}=400\text{ V}$, $T_A=25\text{ }^\circ\text{C}$)	I_R			10	μA
Reverse Breakdown Voltage					
($I_{BR}=1000\text{ }\mu\text{A}$)	V_{BR}	440			V
Junction Capacitance					
($T_A=25\text{ }^\circ\text{C}$)	C_j			50	pF
Reverse Recovery Time	t_{rr}			30	nsec

