

# PIN Diodes

**Microsemi**  
POWERED BY TECHNOLOGY

Part Number	Microsemi Division	Package Outline	Type	Data Sheet ID	VR (Volts)	CT (pF)	RS @ IF (Ohms) (Amps)	PD (Watts)	$\tau$ (usec)
UM6010	Watertown	SEE FACTORY	STD	17009	1000	0.5	1.7 0.1	2.5	1
UM7310	Watertown	SEE FACTORY	STD	17049	1000	0.7	3 0.1	4	4
UM7310SM	Watertown	SEE FACTORY	STD	17050	1000	0.7	3 0.1	4	4
UM7010	Watertown	SEE FACTORY	STD	17027	1000	0.9	1 0.1	5.5	2.5
UM7010SM	Watertown	SEE FACTORY	STD	17028	1000	0.9	1 0.1	5.5	2.5
UM7510	Watertown	SEE FACTORY	STD	17056	1000	1	1 0.1	5.5	2.5
UM4310	Watertown	SEE FACTORY	STD	16998	1000	2.2	1.5 0.1	10	6
UM4310SM	Watertown	SEE FACTORY	STD	16999	1000	2.2	1.5 0.1	10	6
UM2110	Watertown	SEE FACTORY	STD	16983	1000	2.5	2 0.1	25	60
UM4010	Watertown	SEE FACTORY	STD	16990	1000	3	0.5 0.1	12	5
UM4010SM	Watertown	SEE FACTORY	STD	16991	1000	3	0.5 0.1	12	5
UM7512	Watertown	SEE FACTORY	STD	17057	1200	1	1 0.1	5.5	2.5
UM7514	Watertown	SEE FACTORY	STD	17058	1400	1	1 0.1	5.5	2.5

**PIN**

Section Organization: PIN Diode Parametric Section is organized by ascending VR (volts), followed by ascending CT (pF)

**General Notes:**

1. All PIN Diode products are manufactured by Microsemi Watertown, MA.
2. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID
3. Additional information on PIN diode application notes can be obtained from Microsemi's website or Fax on Demand System.

Fax On Demand (800) 713-4113

**PIN-3**

<http://www.microsemi.com>