

# Detectors/Photoconductive

**Microsemi**  
PHOTOCONDUCTIVE TECHNOLOGY

Part Number	Microsemi Division	Package Outline	Data Sheet ID	Wave Length (type)	Active Area (mm <sup>2</sup> )	Res (A/W)	BVR (Volts)	Cj (pF)	rT (nsec)	Dark Current (nA)
MXP1044PC-BL	Santa Ana	See Factory	19372	Blue Enhanced	0.2	0.2	50	5000	600	1
MXP1043PC-BL	Santa Ana	See Factory	19371	Blue Enhanced	0.2	0.2	50	250	30	0.1
MXP1042PC-BL	Santa Ana	See Factory	19370	Blue Enhanced	0.2	0.2	50	50	10	0.01
MXP1000PC-IR	Santa Ana	See Factory	19388	IR Enhanced	0.5	0.5	50	50	2000	0.2
MXP1050PC-IR	Santa Ana	See Factory	19387	IR Enhanced	0.5	0.5	50	2000	5000	1
MXP1049PC-IR	Santa Ana	See Factory	19386	IR Enhanced	0.5	0.5	50	100	3000	0.1
MXP1048PC-IR	Santa Ana	See Factory	19385	IR Enhanced	0.5	0.5	50	25	1000	0.01
MXP1047PC-UV	Santa Ana	See Factory	19366	UV Enhanced	0.1	0.1	50	5000	600	1
MXP1046PC-UV	Santa Ana	See Factory	19365	UV Enhanced	0.1	0.1	50	250	30	0.1
MXP1045PC-UV	Santa Ana	See Factory	19364	UV Enhanced	0.1	0.1	50	50	10	0.01
MXP1000PC-V	Santa Ana	See Factory	19380	Visible Enhanced	0.4	0.4	50	50	10	0.02
MXP1041PC-V	Santa Ana	See Factory	19379	Visible Enhanced	0.4	0.4	50	2000	250	1
MXP1040PC-V	Santa Ana	See Factory	19378	Visible Enhanced	0.4	0.4	50	100	15	0.1
MXP1039PC-V	Santa Ana	See Factory	19377	Visible Enhanced	0.4	0.4	50	25	5	0.01

VE

**MXPC**

Section Organization: Photoconductive Detector Parametric Section is organized by Wave Length Type, followed by ascending Active Area Size

**General Notes:**

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
2. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID