

Detectors/Photovoltaic

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Part Number	Microsemi Division	Package Outline	Data Sheet ID	Wave Length (type)	Active Area (mm ²)	Res (A/W)	BVR (Volts)	Cj (pF)	rT (nsec)	Dark Current (nA)
MXP1042PV-BL	Santa Ana	See Factory	19367	Blue Enhanced	0.2	0.2		50	18	
MXP1043PV-BL	Santa Ana	See Factory	19368	Blue Enhanced	0.2	0.2		250	70	
MXP1044PV-BL	Santa Ana	See Factory	19369	Blue Enhanced	0.2	0.2		5000	1300	
MXP1048PV-IR	Santa Ana	See Factory	19381	IR Enhanced	0.5	0.5		150	5000	
MXP1000PV-IR	Santa Ana	See Factory	19384	IR Enhanced	0.5	0.5		275	2500	
MXP1050PV-IR	Santa Ana	See Factory	19383	IR Enhanced	0.5	0.5		11000	50	
MXP1049PV-IR	Santa Ana	See Factory	19382	IR Enhanced	0.5	0.5		550	500	
MXP1001PS/D	Santa Ana	See Factory	19392	Position Sensing	0.5	0.5	50	60	15	60
MXP1023PS/Q	Santa Ana	See Factory	19391	Position Sensing	0.5	0.5	50	30	15	30
MXP1022PS/Q	Santa Ana	See Factory	19390	Position Sensing	0.5	0.5	50	10	15	10
MXP1020PS/Q	Santa Ana	See Factory	19389	Position Sensing	0.5	0.5	50	120	15	120
MXP1004PS/D	Santa Ana	See Factory	19393	Position Sensing	0.5	0.5	50	15	15	15
MXP1047PV-UV	Santa Ana	See Factory	19363	UV Enhanced	0.1	0.1		5000	600	
MXP1046PV-UV	Santa Ana	See Factory	19362	UV Enhanced	0.1	0.1		250	30	
MXP1039PV-V	Santa Ana	See Factory	19373	Visible Enhanced	0.4	0.4		150	20	
MXP1040PV-V	Santa Ana	See Factory	19374	Visible Enhanced	0.4	0.4		550	100	
MXP1000PV-V	Santa Ana	See Factory	19376	Visible Enhanced	0.4	0.4		275	35	
MXP1041PV-V	Santa Ana	See Factory	19375	Visible Enhanced	0.4	0.4		11000	1500	

MXPV

Section Organization: Photovoltaic 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

Fax On Demand (800) 713-4113

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<http://www.microsemi.com>