MPD-4-240

InGaAs PIN (240µm) 1x4 Monitor Photodiode Array

**FEATURES**
- Large 240µm x 240µm aperture
- 1x4 array
- Low operating voltage
- High responsivity
- Low capacitance
- Top p-contact
- N+ substrate and backside n-contact.

Cosemi’s MPD-4-240 is a planar-structured, top illuminated InGaAs-based PIN monitor 1x4 photodiode array offering high responsivity, low dark current and large apertures for active laser diode array monitoring designs. The active optical area of each photodiode is a 240µm by 240µm square covering the majority of the top surface.

The MPD-4-240 is fabricated using an N+ substrate, with a common n-contact (cathode) for all four photodiodes on the bottom and individual p-contacts (anode) for each photodiode on the topside. The large p-contact pad facilitates versatile automated wire bonding.

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