

Optical Product: PIN Photodetectors



GaAs PIN PD

- 850 nm Detection
- Dark Current < 100 pA
- Responsivity > 0.55 A/W
- Mesa structures
- Data Rate: 1-20 Gb/s
- Custom Die Size & Array

InGaAs PIN PD

- 1310/1550 nm Detection
- Dark Current < 0.5 nA
- Responsivity > 0.9 A/W
- Mesa or planar structures
- Data Rate: 1-30 Gb/s
- Custom Die Size & Array

	GaAs Mesa PIN PD	InGaAs Mesa PIN PD	InGaAs Planar PIN PD	InGaAs Planar MPD
1-4 Gb/s	Do007_100um_PIN4	Do039_70um_A1, B1, E1	Do105_68um_P2	Do064_200um_P2
	Do079_100um_PIN4_1x4			Do051_300um_P2
	Do091_70um_PIN4	Do073_80um_E1		Do062_500um_P2
10 Gb/s	Do091_70um	Do048_36um_A1		
		Do122_60um_LB		
	Do136_70um_PIN4 1x4, 1x8, 1x12			

