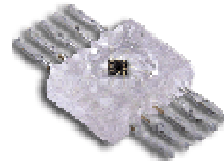


## Photodiode IC(PDIC)

PDIC for Optical Pickup is **PD and I/V amplifiers integrated** into a substrate

Versions for : Combos, DVD-RAMs, DVD-ROMs, DVD-P, CD-Rs, CD-RWs, CD-ROMs & CD-P

- Available Frequency from 8 to 100 MHz
- Up to 16X DVD Speeds Frequency from 8 to 100MHz
- Custom and standard PD Angles support (0, 35, 40)



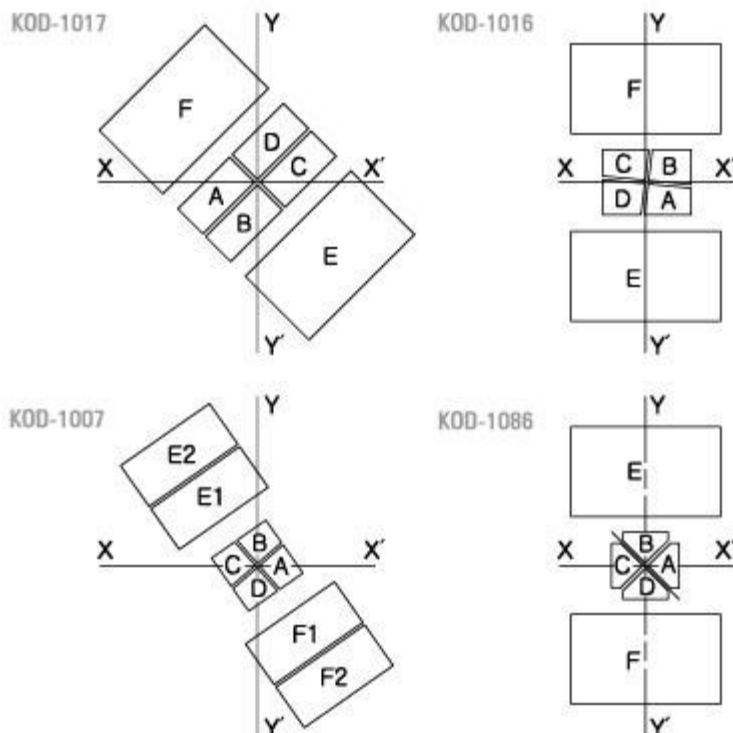
Key Advantages :

- **Excellent** AC characteristics
- **Negligible** reflection from the PD surface
- **Minimum** cross-talk between channels

(Ta=25c)

Model No.	Features	Wavelength (nm)	Supply voltage Vcc(V)	Output off-set voltage Voff(mV)	Current Icc(mA)	Cut-off frequency fc(MHz)
KOD-2410	CD Drives	780	6	-15 ~ +15	3	3
KOD-3005	CD Drives	780	12	-15 ~ +15	2.5	4
KOD-1017	CD Drives	780	2.5 ~ 5.5	-15 ~ +15	6	8
KOD-1016	DVD Drives	650	4.75 ~ 5.25	-25 ~ +25	20	40
KOD-1007	DVD/CD-R , CD-RW & Combo Drives	650,780	4.75 ~ 5.25	-30 ~ +30	34	100
KOD-1081	DVD/CD-R , CD-RW & Combo Drives	650,780	4.5 ~ 5.5	-15 ~ +15	17	55
KOD-1082	DVD/CD-R , CD-RW & Combo Drives	650,780	4.5 ~ 5.5	-15 ~ +15	17	55
KOD-1086	DVD/CD-R , CD-RW & Combo Drives	780	2.5 ~ 5.5	-15 ~ +15	6	8

Multi Layout of Photodiode



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