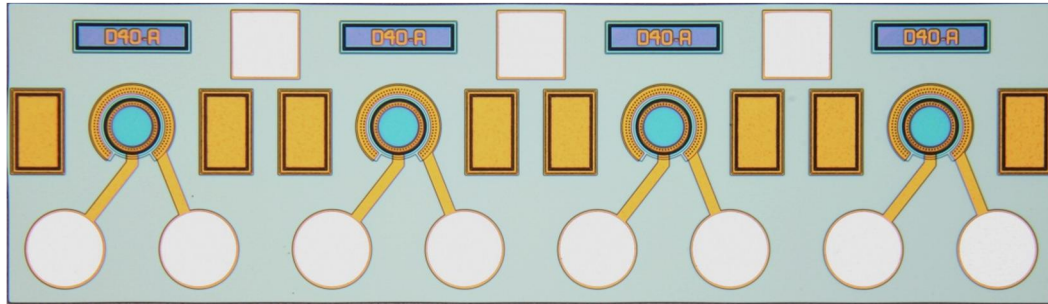


PD1540-40M3-250

4x10 Gb/s 1310nm PIN Photodiode Array



PD1540-40M3-250 is a 4x10 Gb/s germanium photodiode array fabricated on silicon substrate, with 250- μ m channel pitch.

Features

- Top-illuminated device for ease of assembly
- Both P and N pads on top side
- 4/8/10/12 channels with pitch of 250/500/750- μ m customizable
- High performance uniformity for each channel
- Low capacitance of 0.25 pF
- Responds to an 800nm - 1600nm wavelength range
- AR coating optimized for 1310nm range applications
- Typical responsivity at 1310nm is 0.9 A/W
- Optical illumination aperture diameter 40 μ m
- Cathode-anode or anode-cathode pattern available
- Operating temperature range: -40 to 85 $^{\circ}$ C

Applications

- Nx10 Gb/s datacom and telecom applications
- Parallel optical interconnects
- Active optical cables