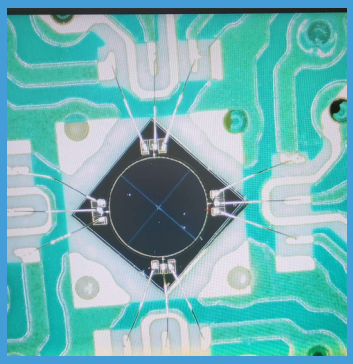
VTEC
LASERS & SENSORS

Design of Indium Phosphide components

Indium Phosphide (InP) is one of the most popular and versatile material systems for photonic integration. This is because it can handle a lot of functionalities on the same platform such as the generation, guidance, amplification and detection of light signals.

VTEC Lasers and Sensors offers the design of InP photonic integrated components and circuits for a variety of markets and applications such as datacommunication, telecom, environment monitoring, sensing etc.



Service description

Capabilities

VTEC Lasers and Sensors has more than 10 years of experience in creating custom solutions for industry and R&D projects, leveraging the capabilities of the InP platform. These can include:

- DML: various speeds, C-band
- Mach-Zehnder Modulators (MZM): BW > 100 GHz CWDM, O & C-band
- Detectors: 10 - 25 Gb/s, O & C Band

Expertise

VTEC Lasers and Sensors has a committed team of employees with expertise, but also strong partnerships with relevant players in the photonics ecosystem for each step during the production cycle.

This is to help us better tailor our solutions to your exact requirements and constraints.

VTEC Lasers & Sensors
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