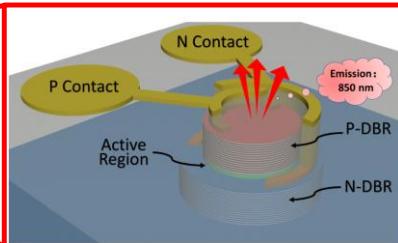
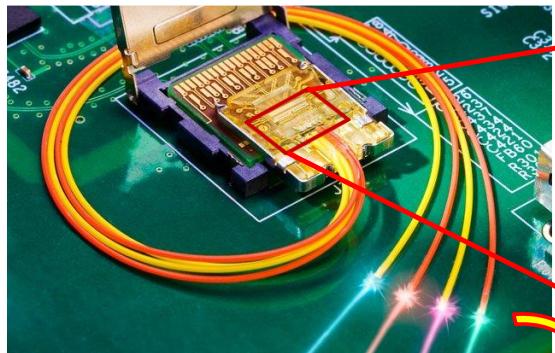


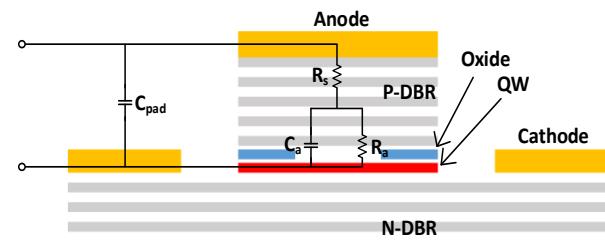
2022-1,2 Works

850-nm VCSEL



Vertical-Cavity Surface-Emitting Laser(VCSEL) based Optical transmitter

→ 850-nm VCSEL + Electronic Circuits



- Cost effective
- Low system size
- Low power consumption



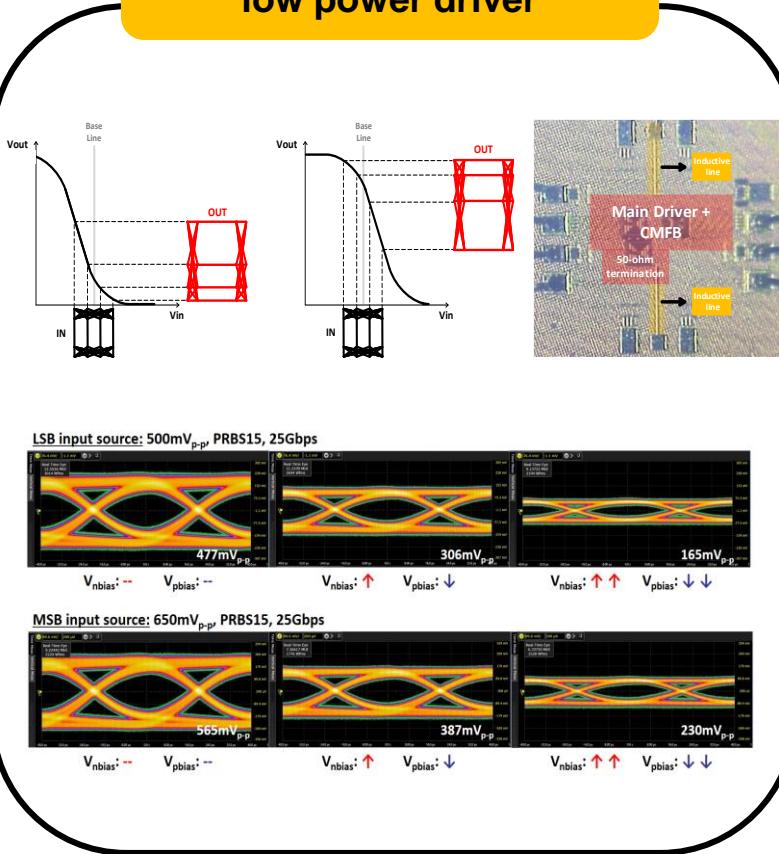
- Non-linear properties



- Process and Temperature dependency

2022-1,2 Works

PAM-4 RLM controllable low power driver



850-nm VCSEL based low power optical transmitter

