

## NTT Device Innovation Center's Technical Paper Reference Information

1) T. Shindo et al., "25-Gbit/s 100-km Transmission using 1358-nm-wavelength SOA Assisted Extended Reach EADFB Laser (AXEL) for 25 Gbit/s-class PON," in *proc. OFC 2021*, Tu1D.7, 2021.

2) T. Shindo et al., "High Power and High Speed SOA Assisted Extended Reach EADFB Laser (AXEL) for 53-Gbaud PAM4 Fiber-Amplifier-Less 60-km Optical Link," *J. Lightw. Technol.*, vol. 38, no. 11, pp. 2984–2991, 2020.

3) M. Nada et al., "Practically implementable high-sensitivity 10-Gbit/s avalanche photodiode using inverted p-down design," to be published in *IEICE Electronics Express*, 2021.

4) T. Katsurai et al., "A 25G Burst-mode Receiver with  $-27.7$ -dBm Sensitivity and 150-ns Response-Time for 50G-EPON Systems," in *proc. ECOC 2020*, We1C-1, 2020.