Product name: TOF Driver
SN.: PHX3D 3011/3015
Application:
- For TOF Driver IC: WLCPSP (2.3*2.3mm)
- Excellent High-speed performance: Rise/TrFall = ~500ps
- High bandwidth: frequency up to 300MHz
- Output Current up to 4A
- Auto-Power-Control Mode
- Extensive Class-1 Eye-safety features

Product name: 4x10G VCSEL Driver / 4x10G TIA
SN.: PHXT8104 / PHXR8104
Application:
- for QSFP+ AOC and TRX
- TX-Performance: >40% Eye-Margin
- RX-Performance: < -12.5dBm Sensitivity
- Low variation across Temperature
- Lower power consumption
- Lower cost (>40% lower)

Product name: 1x25G VCSEL Driver with CDR / 1x25G TIA with CDR
SN.: PHXT8201 / PHXR8201
Application:
- for QSFP28-AOC and TRX
- Integrated CDR+TIA and CDR+DRIVER
- Compact die size to save PCB space and reduce cost
- Lower chip cost (CMOS vs. SiGe)
- Multi-Rate supporting: 10G/24.3G/25G/28G application
- On-Chip DDM (Digital temperature/RSSI)
- Good eye margin and sensitivity: >1500mV
- Reliability/HTOL testing is done: 2000hours

Product name: 2x25G Linear Redriver
SN.: PHRD6502
Application:
- for SFP28/SFP-DD/QSFP28/QSF-DD DD DAC
- Dual channel equalizer, up to 28G baud (56Gbps PAM4)
- Equalizing channel response up to 40dB beyond 14GHz
- No need to adjust for dynamic data rate changes
- Excellent S-parameter performance
- Compact chip size, friendly for multi-channel applications

Product name: 1x25G DML Driver with Dual CDR
SN.: PHXD2801
Application:
- For SFP28-LR in 5G fronthaul & CPRI/eCPRI
- Reference-free CDR to cover 24G~28Gbps
- Integrated DML Driver to drive external TOSA (DFB or FP laser), DC-Coupled
- Adaptive Input CTLE, programmable input EQ, up to 10dB
- Programmable De-emphasis and non-linear equalization for output driver
- Programmable DC Bias Current (1~52mA) and modulation current (8~70mA) with fine steps

Product name: 1x12.5G PAM4 <= 1x25G NRZ gearbox IC
SN.: PHX2025
Application:
- For SFP28-LR in 5G application (10km/20km BiDi & Duplex)
- Multi-Rate Supporting: 24G~28.1G NRZ
- Power dissipation: 500mW typical
- Programmable receiver threshold for each PAM4 level
- Reference-free CDR with programmable bandwidth
- Programmable output swing to support DML/EM drivers
- Programmable 3-tap output pre-emphasis for optical eye-shaping

Product name: 1x14G Linear DML Driver
SN.: PHLD2025
Application:
- For SFP28-LR in 5G application
- Low power consumption, 0.4W typical power consumption at 50mA bias/modulation current
- Wide OC-bias current ranges from 5mA to 80mA, with fine tuning steps
- Highly integrated, no external components needed for laser biasing