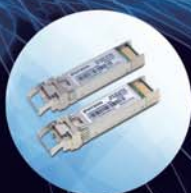
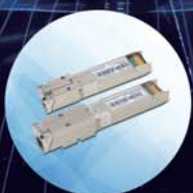


POTRON

High-speed Optical Modules & Components
Designer and Manufacturer

POTRON Technology - Bring The World Connected



POTRON TECHNOLOGY CO.,LTD.

Company Profile



- **Potron Technology Co., Ltd.** was established in Aug., 2017.
- Head Quarter located in Shenzhen, China.
- Dedicated to high speed Optical Components and Transceivers R&D and manufacturing.
- Present production area ~15000m², including class 10K and 100K clean room.
- Employees over 500 worldwide.

Market Positioning

- **Potron** is a professional R&D and manufacturing company for high speed Optical Components and Transceivers.
- The products are used in PON, 5G and DCI optical communication systems, mainly on the following 3 application fields:
 1. 1G~50G PON for FTTH, FTTR.
 2. 100G~800G for Data center.
 3. 25G/50G eCPRI for 5G wireless.

Shenzhen, Dongguan, Bac Ninh(Vietnam)

3 major production bases

Production Area

> 15000m²

Total Employees

> 500



Product Application



Potron's product lines are applied in three major optical communication fields, 1G~50G-PON Access Networks, 100G~800G Data Centers, and 25G~50G front/mid-haul Mobile systems. Our production lines boast highly vertical integrating from TO packaging to PON Stick. Our goal is to become an international, specialized design and manufacturing company for high-end optical transceivers and components on optical fiber communication systems.

Technical Achievements & Honors



Abundant Patent Achievements



Specialized and Innovative SMEs



National High-tech Enterprise

PON Transceiver Series



25GSPON ONU Stick SFP28



XGSPON ONU Stick SFP+



XGS/G-PON Combo OLT SFP+



XGS/G-PON Combo ONU SFP+



XG(S)-PON OLT/ONU SFP+



GPON OLT SFP(FTTR)

Series	Product	Wavelength (nm)	Data Rate (Gb/s)	Reach (Km)
PON OLT	SFP28 25GS-PON OLT	T1358/ R1286,1300	T25/R25	20
	SFP+ XG(S)/G-PON Combo OLT	T1577,1490/ R1270,1310	T10,2.5/ R2.5(10),1	20/30
	SFP+ XGS/XG-PON Dual-rate OLT	T1577/R1270	T10/R10,2.5	20/30
	SFP GPON OLT	T1490/R1310	T2.5/R1	20/30
	SFP GPON OLT FTTR	T1490/R1310	T2.5/R1(2.5)	0.5
PON ONU	SFP28 25GS-PON ONU	T1286/R1358	T25/R25	20
	SFP+ XGS/G-PON Combo ONU	T1270,1310/ R1577,1490	T10,1/ R10,2.5	20
	SFP+ XG(S)PON ONU	T1270/R1577	T2.5(10)/R10	20
	SFP/SFF GPON ONU	T1310/R1490	T1/R2.5	20
PON Stick	SFP28 25GSPON ONU Stick	T1286/R1358	T25/R25	20
	SFP+ XGSPON ONU Stick	T1270/R1577	T10/R10	20
	SFP GPON ONU Stick	T1310/R1490	T1/R2.5	20

* EPON transceiver series are all available

DCI Transceiver Series



800G QSFP-DD SR8



400G QSFP-DD ZR+ Coherent



200G QSFP56 LR4

Series	Modulation	Product	Wavelength (nm)	Data Rate (Gb/s)	Reach (Km)
800G	PAM4	QSFP-DD FR8	CWDM EML	800	2
		QSFP-DD Sr8 LPO	850 VCSEL	800	0.1
400G	Coherent	CFP2-DCO	Tunable DWDM	400	≥ 400
		QSFP-DD ZR+/ZR	Tunable DWDM	400	≥ 100
	PAM4	QSFP-DD LR4	CWDM EML	400	10
		QSFP-DD FR4	CWDM EML	400	2
		QSFP-DD SR4	850 VCSEL	400	0.1
200G	PAM4	QSFP56 LR4	LWDM DML	200	10
		QSFP56 FR4	CWDM DML	200	2
		QSFP56 DR4	1310 DML	200	0.5
		QSFP56 SR4/AOC	850 VCSEL	200	0.1
100G	PAM4	QSFP28 LR1	1310 EML	100	10
		QSFP28 FR1	1310 EML	100	2
		QSFP28 DR1	1310 EML	100	0.5
	NRZ	QSFP28 LR4	LWDM	100	10
		QSFP28 CWDM4/ CLR4	CWDM	100	2
		QSFP28 PSM4	1310	100	0.5
		QSFP28 SR4/AOC	850 VCSEL	100	0.1
Low Latency	NRZ	QSFP+ LR4	LWDM	40	20
		SFP+ LR	1310	10	10
		SFP+ SR	850	10	0.3

Wireless / Legacy Transceiver Series



50G ER SFP56



25G BiDi SFP28

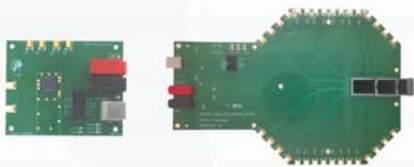


10G SR SFP+

Series	Product	Wavelength (nm)	Data Rate (Gb/s)	Reach (Km)
50G PAM4	SFP56 ER	1310	50	40
	SFP56 BiDi	1270/1330	50	10/30
	SFP56 LR	1310	50	10
	SFP56 SR	850	50	0.1
25G	SFP28 ER Lite/ER	1310 DML/EML	25	30/40
	SFP28 BiDi	1270/1330	25	10/20/30
	SFP28 LR/CWDM	1270~1370	25	10
	SFP28 SR	850	25	0.1
10G	SFP+ LR/CWDM	1270~1490	10	10
	SFP+ SR	850	10	0.1
	SFP+ BiDi	1270/1330	10	10/20/40/60

* Legacy transceivers are available in general

Test Equipment



SFP56/QSFP-DD test board



10G BERT



50G BERT

Series	Equipment	Description
Test	BERT	56G~50Gbps data rate BERT
		28G~10Gbps multi-rate BERT
		12.5G~1Gbps multi-rate/ 10Gbps fix-rate BERT
	Test Board	QSFP56, QSFP-DD test board SFP, SFP56 test board
Controller	LD Controller	TX current source and power meter in one
	PD Controller	RX voltage source and current meter in one
	TEC Controller	TEC driver and temperature sensor in one

Optical Components

OSA Component Series



Cooled TOSA



APD-TIA ROSA



PON ONU BOSA/BIDI



XGS/G-PON OLT Quad-OSA

TO-CAN Series



TO56 mini-Aspherical lens



TO56 EML



TO46 Ball lens APD-TIA



TO33 APD-TIA

Series	Product	Wavelength (nm)	Data Rate (Gb/s)	Reach (Km)
Quad-OSA	XG(S)/G-PON OLT QOSA	T1577,1490/ R1270,1310	T10,2.5/R2.5(10),1	20
	XGS/G-PON ONU QOSA	T1270,1310/ R1577,1490	T10,1/ R10,2.5	20
	XG/G-PON ONU QOSA	T1270,1310/ R1577,1490	T2.5,1/ R10,2.5	20
Tri-OSA	GPON ONU Video Tri-OSA	T1310/R1490 /R1550	T1/R2.5/Video	20
BOSA	50G-PON ONU BOSA	T1286/R1342	T25/R50	20
	25GS-PON ONU BOSA	T1286/R1358	T25/R25	20
	XG(S)PON OLT BOSA	T1577/R1270	T10/R2.5(10)	20
	XG(S)PON ONU BOSA	T1270/R1577	T2.5(10)/R10	20
	GPON OLT BOSA (FTTR)	T1490/R1310	T2.5/R1	20(0.5)
	GPON ONU BOSA (FTTR)	T1310/R1490	T1/R2.5	20(0.5)
TOSA	Cooled TOSA	EML,CWDM,DWDM	2.5~50	10~80
	Uncooled TOSA	FP,DML,CWDM	1~25	0.3~40
ROSA	APD-TIA ROSA	1270~1610	1~25	10~80
	PIN-TIA ROSA	1270~1610	1~50	0.3~40

POTRON



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