Ousent Technologies Co.,Ltd

Product Catalog

In 2010

GBIC

★ Operating data rate up to 1.25
★Distance from 550m to 120km, 100m for copper GBIC
★ Single 5V Power supply and TTL Logic
★ Duplex SC Connector Interface
★ Hot Pluggable
★ Operating Case Temperature: Standard: 0C~+70C, Industrial: -40C~+85C
★ Compliant with GBIC Specification Rev. 5.5

Product Category	Ousent Part Number	Data Rate (Gb/s)	Tx	Wavelength (nm)	Typ.Tx Power (dBm)	Rx	Rx Sens (dBm)	Distance	DDM	Temperature Range	Application				
											FE/ GbE	SDH/ SONET	FC	FTTx	Video Monitoring
GBIC	OST-GBIC-TX														
	OST-GBIC-SX	1.25	VCSEL	850	-9.5~-4	PIN	-18~-3	550m MMF		●	●		●	●	
	OST-GBIC-LX	1.25	FP	1310	-9~-3	PIN	-20~-3	10km SMF		●	●		●	●	
	OST-GBIC-LX20	1.25	FP	1310	-6~-1	PIN	-22~-3	20km SMF		●	●		●	●	
	OST-GBIC-EX	1.25	DFB	1310	-2~3	PIN	-24~-3	40km SMF		●	●		●	●	
	OST-GBIC-ZX	1.25	DFB	1550	0~5	PIN	-24~-3	80km SMF		●	●		●	●	
	OST-GBIC-ZX120	1.25	DFB	1550	0~5	APD	-32~-10	120km SMF		●	●		●	●	

SFP Transceiver

★ Meet SFP Multi-Source Agreement (MSA) Metal enclosure for lower EMI
★ Transmitter Center Wavelength 1310nm,1550nm
★ Receiver PIN or APD
★ Data Rate up to 10.03Gb/s
★ Distance SR,LR,ER,ZR,from 300m up to 200km
★ Soft Tx_FAULT monitor
★ Soft Rx_LOS monitor
★ Soft Tx_Disable control and monitor
★ With user writable EEPROM
★ Operating Temperature 0℃~+70℃ or -40℃~+85℃
★ External Calibration and internal calibration.
★Compatible Cisco,Extreme,Foundry,3Com and so on.

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											FE/ GbE	SDH/ SONET	FC	FTTx	Video Monitoring
SFP OC-3 / STM-1 / 155Mbps SFP	OST-SFP-100FX	125	FP	1310	-19~-12	PIN	-30~-8	2km MMF	●	●	●			●	
	OST-SFP-100LX02	100/155	FP	1310	-19~-12	PIN	-30~-8	2km SMF	●	●	●	●		●	
	OST-SFP-100LX	100/155	FP	1310	-15~-8	PIN	-31~-5	15km SMF	●	●	●	●		●	
	OST-SFP-100EX	100/155	FP	1310	-5~0	PIN	-34~-5	40km SMF	●	●	●	●		●	
	OST-SFP-100ZX	100/155	DFB	1510	-5~0	PIN	-36~-3	80km SMF	●	●	●	●		●	
	OST-SFP-100ZX120	100/155	DFB	1510	0~5	PIN	-34~-3	120km SMF	●	●	●	●		●	
	OST-SFP-100ZX160	100/155	DFB	1510	2~5	PIN	-35~-3	160km SMF	●	●	●	●		●	
	OST-SFP-GE-100FX														
	OST-SFP-DR-100FX														
	OST-SFP-DR-100LX														
	OST-SFP-DR-100EX														
	OST-SFP-DR-100ZX														
SFP OC-12 / STM-4 / 622Mbps SFP	OST-06SFP-FXD	100~622													
	OST-06SFP-LX02D	100~622													
	OST-06SFP-LXD	100~622	FP	1310	-14~-8	PIN	-30~-3	20km SMF	●	●	●	●		●	
	OST-06SFP-EXD	100~622	FP	1310	-3~2	PIN	-30~-3	40km SMF	●	●	●	●		●	
	OST-06SFP-ZXD	100~622	DFB	1550	-3~2	PIN	-34~-3	80km SMF	●	●	●	●		●	
	OST-06SFP-ZX120D	100~622	DFB	1550	0~5	PIN	-35~-3	120km SMF	●	●	●	●		●	
	OST-06SFP-ZX150D	100~622	DFB	1550	2~5	PIN	-37~-3	160km SMF	●	●	●	●		●	
Fiber Channel / 1.25 SFP	OST-SFP-T														
	OST-SFP-TC														

	OST-SFP-TC-EX														
	OST-SFP-SX	1.25	VCSEL	850	-9.5~-4	PIN	-17~-3	550m MMF	●	●	●		1FC	●	
	OST-SFP-MX	1.25	FP	1310	-14~-10	PIN	-22~-3	2km MMF	●	●	●		1FC	●	
	OST-SFP-LX	1.25	FP	1310	-10~-3	PIN	-20~-3	10km SMF	●	●	●		1FC	●	
	OST-SFP-LX20	1.25	FP	1310	-7~0	PIN	-24~-3	20km SMF	●	●	●		1FC	●	
	OST-SFP-EX	1.25	DFB	1310	-2~3	PIN	-24~-3	40km SMF	●	●	●		1FC	●	
	OST-SFP-ZX	1.25	DFB	1550	-5·0	PIN	-21~-3	80km SMF	●	●	●		1FC	●	
	OST-SFP-ZX120	1.25	DFB	1550	0~5	APD	-32~-10	120km SMF	●	●	●		1FC	●	
	OST-SFP-ZX150	1.25	DFB	1550	2~6	APD	-35~-10	150km SMF	●	●	●		1FC	●	
SFP OC-48 / STM-16 / 2.5 Multi-Rate SFP	OST-2CSFP-SXD	1.063/2.125	VCSEL	850	-9~-3	PIN	-19~-3	300m MMF	●	●			2FC		
	OST-2CSFP-LX02D	2.5/2.67	FP	1310	-10~-3	PIN	-18~-3	2km SMF	●	●	●	●	2FC		
	OST-2CSFP-LXD	2.5/2.67	DFB	1310	-5~0	PIN	-22~-3	15km SMF	●	●	●	●	2FC		
	OST-2CSFP-ZXD	2.5/2.67	DFB	1310	-2~+3	APD	-30~-10	40km SMF	●	●	●	●	2FC		
SFP OC48/STM-16/ 4.25G SFP	OST-SFP-FC4G-SW	4.25	VCSEL	850	-9.5~-2.5	PIN	-18~-3	150m MMF	●	●			4/2/1FC		
	OST-SFP-FC4G-MR	4.25	FP	1310	-8~-3	PIN	-20~-3	5km SMF	●	●			4/2/1FC		
	OST-SFP-FC4G-LW	4.25	DFB	1310	-8.4~-1	PIN	-20~-3	10km SMF	●	●			4/2/1FC		
8G SFP	OST-SFP-FC8G-SW	8G	VCSEL	850	-6~-1	PIN	-11.1~-1	300m MMF	●	●	●		8/4/2/1 FC		
	OST-SFP-FC8G-LW-02	8G	FP	1310	-5.2~0	PIN	-14.4~+0.5	2km SMF	●	●	●		8/4/2/1 FC		
	OST-SFP-FC8G-LW	8G	DFB	1310	-3~+1	PIN	-14~0.5	10km SMF	●	●	●		8/4/2/1 FC		
SFP OC192/STM-64/ 10G SFP	OST-SFP-10G-SR	10G	VCSEL	850	-6~-1	PIN	-11.1~-1	300m MMF	●	●	●		8/4/2/1 FC		
	OST-SFP-10G-LR	10G	DFB	1310	-3~+1	PIN	-14~0.5	10km SMF	●	●	●		8/4/2/1 FC		
	OST-SFP-10G-LR20	10G	DFB	1310	-3~+1	PIN	-14~0.5	20km SMF	●	●	●		8/4/2/1 FC		
	OST-SFP-10G-ER	10G	DFB	1550	1.5~5	APD	-16~0	40km SMF	●	●	●		8/4/2/1 FC		

XFP Transceiver

★Transceiver with independent 1310nm/1550nm laser diode transmitter and PIN and APD receiver
★ Receiver PIN or APD
★ Compliant with XFP MSA
★ Distance SR,LR,ER,ZR,from 300m up to 80km
★ Digital diagnostic monitoring
★ Power supply +3.3v,+5.0v
★ Data rates 9.95Gb/s - 10.7Gb/s
★ Maximum power dissipation 3.5W
★Compatible Cisco,Extreme,Foundry,3Com and so on.

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											FE/ GbE	SDH/ SONET	FC	FTTx	Video Monitoring
XFP	OST-XFP-10GB-SR	10.3125	VCSEL	850	-7.3~-1										
	OST-XFP-10GB-LR														
	OST-XFP-10GB-ER														
	OST-XFP-10GB-ZR														

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											FE/ GbE	SDH/ SONET	FC	FTTx	Video Monitoring
X2	OST-X2-10GB-SR														
	OST-X2-10GB-LR														
	OST-X2-10GB-ER														
	OST-X2-10GB-ZR														

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★ Receiver PIN or APD
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											FE/ GbE	SDH/ SONET	FC	FTTx	Video Monitoring
XENPAK	OST-XENPAK-10GB-SR														
	OST-XENPAK-10GB-LR														
	OST-XENPAK-10GB-ER														
	OST-XENPAK-10GB-ZR														

CWDM Transceiver

★CWDM DFB Laser diode transmitter
★ Transmitter Center Wavelength 8 wavelengths,1470nm~1610nm,20nm spacing
★ Receiver PIN or APD
★ Data Rate up to 10.03Gb/s
★ Distance up to 120km
★ Soft Tx_Disable control and monitor
★ Operating Temperature 0℃~+70℃

Product Category	Ousent Part Number	Data Rate (Gb/s)	Tx	Wavelength (nm)	Typ.Tx Power (dBm)	Rx	Rx Sens (dBm)	Distance	DDM	Temperature Range	Application				
											FE/ GbE	SDH/ SONET	FC	FTTx	Video Monitoring
CWDM GBIC	OST-CWDM-GBIC50-xxxx														
	OST-CWDM-GBIC-xxxx														
	OST-CWDM-GBIC120-xxxx														
622M SFP CWDM	OST-CWDM-06SFP-xxxx														
	OST-CWDM-06SFP120-xxxx														
1.25G SFP CWDM	OST-CWDM-SFP50-xxxx														
	OST-CWDM-SFP-xxxx														
	OST-CWDM-SFP120-xxxx														
	OST-CWDM-SFP150-xxxx														
100M~2.67G SFP CWDM	OST-CWDM-2CSFP-xxxx														
	OST-CWDM-2CSFP120-xxxx														
Up to 4.25G SFP CWDM	OST-CWDM-4CSFP-xxxx														
	OST-CWDM-4CSFP120-xxxx														
10G SFP+ CWDM	OST-CWDM-SFP10-10G-xxxx														
	OST-CWDM-SFP10-10G-xxxx														
XFP CWDM	OST-CWDM-XFP40-1470														
	OST-CWDM-XFP-1470														
X2 CWDM	OST-CWDM-X2ER-1470														
	OST-CWDM-X2-1470														
XENPAK CWDM	OST-CWDM-XENPAK40-xxxx														
	OST-CWDM-XENPAK-1470														

DWDM Transceiver

★ Supports up to 11.1Gb/s bit Rates
★ Available in all C-Band Wavelengths on the 100GHz DWDM ITU Grid
★ Temperature-Stabilized DWDM DFB Transmitter
★ Duplex LC Connector
★ Hot-Pluggable SFP Footprint
★ Built-in Digital Diagnostic Functions as
★ Specified in the SFF-8472 MSA
★ Operating Case Temperature: Extended: -5° C to 70° C
★Compatible Cisco,Extreme,Foundry,3Com and so on.

DWDM Channel = Center Wavelength

ITU Channel	Center Wavelength(nm)	ITU Channel	Center Wavelength(nm)	ITU Channel	Center Wavelength(nm)
15	1565.55	31	1552.52	47	1539.77
16	1564.68	32	1551.72	48	1538.98
17	1563.86	33	1550.92	49	1538.19
18	1563.05	34	1550.12	50	1537.4
19	1562.23	35	1549.32	51	1536.61
20	1561.42	36	1548.51	52	1535.82
21	1560.61	37	1547.72	53	1535.04
22	1559.79	38	1546.92	54	1534.25
23	1558.98	39	1546.12	55	1533.47
24	1558.17	40	1545.32	56	1532.68
25	1557.36	41	1544.53	57	1531.9
26	1556.55	42	1543.73	58	1531.12
27	1555.75	43	1542.94	59	1530.33
28	1554.94	44	1542.14	60	1529.55
29	1554.13	45	1541.35	61	1528.77
30	1553.33	46	1540.56		

Product Category	Ousent Part Number	Data Rate (Gb/s)	Tx	Wavelength (nm)	Typ.Tx Power (dBm)	Rx	Rx Sens (dBm)	Distance	DDM	Temperature Range	Application				
											FE/ GbE	SDH/ SONET	FC	FTTx	Video Monitoring
1.25G SFP DWDM	OST-DWDM-SFP-xxxx														
	OST-DWDM-SFP120-xxxx														
100M~2.67G SFP DWDM	OST-DWDM-2CSFP-xxxx														
	OST-DWDM-2CSFP120-xxxx														
Up to 4.25G SFP DWDM	OST-DWDM-4CSFP-xxxx														
	OST-DWDM-4CSFP120-xxxx														
10G SFP+ DWDM	OST-DWDM-SFP40-10G-xxxx														
XFP DWDM	OST-DWDM-XFP40-1470														
	OST-DWDM-XFP-1470														
X2 DWDM	OST-DWDM-X2ER-1470														
	OST-DWDM-X2-1470														
XENPAK DWDM	OST-DWDM-XENPAK40-xxxx														
	OST-CWDM-XENPAK-1470														

BiDi

★ Distance Up to 120km
★ Single 3. 3V Power supply and TTL Logic Interface
★ Simplex LC or SC Connector Interface
★ Hot Pluggable
★ Operating Case Temperature Standard: 0℃~+70℃ Industrial:-40℃~+85℃
★ Digital diagnostic monitor interface Compatible with SFF-8472
★ DDMI function on request
★Compatible Cisco,Extreme,Foundry,3Com and so on.

Product Category	Ousent Part Number	Data Rate (Gb/s)	Tx	Wavelength (nm)	Typ.Tx Power (dBm)	Rx	Rx Sens (dBm)	Distance	DDM	Temperature Range	Application				
											FE/ GbE	SDH/ SONET	FC	FTTx	Video Monitoring
CWDM GBIC	OST-1000BX-G43														
	OST-1000BX-G34														
	OST-1000BX-G53														
	OST-1000BX-G35														
	OST-1000BX-G43-40														
	OST-1000BX-G34-40														
	OST-1000BX-G53-40														
	OST-1000BX-G35-40														

	OST-1000BX-G54-80														
	OST-1000BX-G45-80														
100M SFP BiDi	OST-100BX-S53														
	OST-100BX-S35														
	OST-100BX-S53-40														
	OST-100BX-S35-40														
	OST-100BX-S54-80														
	OST-100BX-S45-80														
	OST-100BX-S54-120														
	OST-100BX-S45-120														
622M SFP BiDi	OST-06BX-S53D														
	OST-06BX-S35D														
	OST-06BX-S53-40D														
	OST-06BX-S35-40D														
1.25G SFP BiDi	OST-1000BX-S43														
	OST-1000BX-S34														
	OST-1000BX-S43D														
	OST-1000BX-S34D														
	OST-1000BX-S53														
	OST-1000BX-S35														
	OST-1000BX-S53D														
	OST-1000BX-S35D														
	OST-1000BX-S43-40														
	OST-1000BX-S34-40														
	OST-1000BX-S43-40D														
	OST-1000BX-S34-40D														
	OST-1000BX-S53-40														
	OST-1000BX-S35-40														
	OST-1000BX-S53-40D														
	OST-1000BX-S35-40D														
	OST-1000BX-S54-80														
	OST-1000BX-S45-80														
	OST-1000BX-S54-80D														
	OST-1000BX-S45-80D														
	OST-1000BX-S54-120														
	OST-1000BX-S45-120														
	OST-1000BX-S54-120D														
	OST-1000BX-S45-120D														
2.5G SFP BiDi	OST-2CBX-S53-02D														
	OST-2CBX-S35-02D														
	OST-2CBX-S53D														
	OST-2CBX-S35D														
	OST-2CBX-S54-40D														
	OST-2CBX-S45-40D														
10G SFP BiDi	OST-10GBX-S37														
	OST-10GBX-S73														