



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header @ 1

[List View](#)

General Information [Contact](#) [Default Values](#) [Discount](#) [Document Information](#) [Clarification Request](#)

Procurement Folder: 1712161

Procurement Type: Central Purchase Order

Vendor ID: 000000223571

Legal Name: ADVANTAGE TECHNOLOGY LLC

Alias/DBA:

Total Bid: \$161,822.50

Response Date: 06/20/2025

Response Time: 9:23

Responded By User ID: advjstewart

First Name: James

Last Name: Stewart

Email: jstewart@advantage.tech

Phone: 304-342-0796

SO Doc Code: CRFQ

SO Dept: 0231

SO Doc ID: OOT2500000029

Published Date: 6/19/25

Close Date: 6/23/25

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum No 1 Networking Equip for Fairmont & Clarksburg Bldg

Total of Header Attachments: 1

Total of All Attachments: 1



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder: 1712161
Solicitation Description: Addendum No 1 Networking Equip for Fairmont &Clarksburg Bldg
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2025-06-23 13:30	SR 0231 ESR06202500000007678	1

VENDOR
000000223571
ADVANTAGE TECHNOLOGY LLC

Solicitation Number: CRFQ 0231 OOT2500000029
Total Bid: 161822.5
Response Date: 2025-06-20
Response Time: 09:23:18
Comments:

FOR INFORMATION CONTACT THE BUYER
Toby L Welch
(304) 558-8802
toby.l.welch@wv.gov

Vendor		
Signature X	FEIN#	DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	3.1.1 Extreme Networks 48 Port PoE Network Switch	25.00000	EA	4123.000000	103075.00

Comm Code	Manufacturer	Specification	Model #
43222612			

Commodity Line Comments:

Extended Description:

3.1.1 Extreme Networks 48 Port PoE Network Switch (Model 5420F-48P-4XE), or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	3.1.2 Extreme Networks Multi-Gigabit Network Switch	5.00000	EA	5620.000000	28100.00

Comm Code	Manufacturer	Specification	Model #
43222612			

Commodity Line Comments:

Extended Description:

3.1.2 Extreme Networks Multi-Gigabit Network Switch (Model 5420F-16MW-32P-4XE), or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	3.1.3 Extreme Networks Standard Power Cord, 15A, USA, NEMA 5	30.00000	EA	14.750000	442.50

Comm Code	Manufacturer	Specification	Model #
26121636			

Commodity Line Comments:

Extended Description:

3.1.3 Extreme Networks Standard Power Cord, 15A, USA, NEMA 5-15, IEC320-C15(Part 10099), or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	3.1.4 Extreme Network 20GBase Direct Attach Cable - 0.5 mete	30.00000	EA	173.000000	5190.00

Comm Code	Manufacturer	Specification	Model #
26121609			

Commodity Line Comments:

Extended Description:

3.1.4 Extreme Network 20GBase Direct Attach Cable - 0.5 meters (Part#20G-DACP-SFPDDZ5m), or equal.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	3.1.5 Extreme Networks 20GBase Direct Attach Cable - 1.0 met	5.00000	EA	191.000000	955.00

Comm Code	Manufacturer	Specification	Model #
26121609			

Commodity Line Comments:

Extended Description:

3.1.5 Extreme Networks 20GBase Direct Attach Cable - 1.0 meter (Part# 20G-DACP-SFPDD1M), or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	3.1.6 Extreme Networks 20GBase Direct Attach Cable - 3.0 met	5.00000	EA	132.000000	660.00

Comm Code	Manufacturer	Specification	Model #
26121609			

Commodity Line Comments:

Extended Description:

3.1.6 Extreme Networks 20GBase Direct Attach Cable - 3.0 meters (Part# 20G-DACP-SFPDD3M), or equal.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	3.1.7 Extreme Networks 10GBASE-LR SFP+ Transceiver Module -	30.00000	EA	247.000000	7410.00

Comm Code	Manufacturer	Specification	Model #
43201500			

Commodity Line Comments:

Extended Description:

3.1.7 Extreme Networks 10GBASE-LR SFP+ Transceiver Module - 10 Gigabit Ethernet (Part# 10302), or equal.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	3.1.8 Extreme Networks 10GBASE-SR SFP+ Transceiver Module -	30.00000	EA	163.000000	4890.00

Comm Code	Manufacturer	Specification	Model #
43201500			

Commodity Line Comments:

Extended Description:

3.1.8 Extreme Networks 10GBASE-SR SFP+ Transceiver Module - 10 Gigabit Ethernet (Part# 10301), or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	3.1.9 Extreme Networks ExtremeCloud IQ Pilot Subscription	30.00000	EA	370.000000	11100.00

Comm Code	Manufacturer	Specification	Model #
81162000			

Commodity Line Comments:

Extended Description:

3.1.9 Extreme Networks ExtremeCloud IQ Pilot Subscription, or equal



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Info Technology

Proc Folder: 1712161

Doc Description: Addendum No 1 Networking Equip for Fairmont & Clarksburg Bldg

Reason for Modification:

Addendum No 1 is issued to
publish vendor questions and
Agency response

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2025-06-19	2025-06-23 13:30	CRFQ 0231 OOT2500000029	2

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code: 000000223571

Vendor Name : Advantage Technology

Address :

Street : 950 Kanawha Blvd East Ste 100

City : Charleston

State : WV

Country : USA

Zip : 25301

Principal Contact : James Stewart, Sales Engineer

Vendor Contact Phone: 304-941-4272

Extension: N/A

FOR INFORMATION CONTACT THE BUYER

Toby L Welch
(304) 558-8802
toby.l.welch@wv.gov

Vendor
Signature X *James Stewart*

FEIN# 74-3077314

DATE 06.23.2025

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

Addendum No 1 is issued for the following reasons:

1)To publish a copy of the vendor's questions with the Agency's responses.

---no other changes---

INVOICE TO**SHIP TO**DEPARTMENT OF
ADMINISTRATION
OFFICE OF TECHNOLOGY
1900 KANAWHA BLVD E,
BLDG 5 10TH FLOOR
CHARLESTON WV
USWV OFFICE OF
TECHNOLOGY
BLDG 5, 10TH FLOOR
1900 KANAWHA BLVD E
CHARLESTON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	3.1.1 Extreme Networks 48 Port PoE Network Switch	25.00000	EA	\$4,123.00ea / \$103,075.00	

Comm Code**Manufacturer****Specification****Model #**

43222612

Extended Description:

3.1.1 Extreme Networks 48 Port PoE Network Switch (Model 5420F-48P-4XE), or equal

INVOICE TO**SHIP TO**DEPARTMENT OF
ADMINISTRATION
OFFICE OF TECHNOLOGY
1900 KANAWHA BLVD E,
BLDG 5 10TH FLOOR
CHARLESTON WV
USWV OFFICE OF
TECHNOLOGY
BLDG 5, 10TH FLOOR
1900 KANAWHA BLVD E
CHARLESTON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	3.1.2 Extreme Networks Multi-Gigabit Network Switch	5.00000	EA	\$5,620.00ea - \$28,100.00	

Comm Code**Manufacturer****Specification****Model #**

43222612

Extended Description:

3.1.2 Extreme Networks Multi-Gigabit Network Switch (Model 5420F-16MW-32P-4XE), or equal

INVOICE TO		SHIP TO	
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV US		WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	3.1.3 Extreme Networks Standard Power Cord, 15A, USA, NEMA 5	30.00000	EA	\$14.75ea	- \$442.50

Comm Code	Manufacturer	Specification	Model #
26121636			

Extended Description:

3.1.3 Extreme Networks Standard Power Cord, 15A, USA, NEMA 5-15, IEC320-C15(Part 10099), or equal

INVOICE TO		SHIP TO	
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV US		WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	3.1.4 Extreme Network 20GBase Direct Attach Cable - 0.5 mete	30.00000	EA	\$173.00ea	- \$5,190.00

Comm Code	Manufacturer	Specification	Model #
26121609			

Extended Description:

3.1.4 Extreme Network 20GBase Direct Attach Cable - 0.5 meters (Part#20G-DACP-SFPDDZ5m), or equal.

INVOICE TO				SHIP TO			
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV US				WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	3.1.5 Extreme Networks 20GBase Direct Attach Cable - 1.0 met	5.00000	EA	\$191.00ea	- \$955.00

Comm Code	Manufacturer	Specification	Model #
26121609			

Extended Description:

3.1.5 Extreme Networks 20GBase Direct Attach Cable - 1.0 meter (Part# 20G-DACP-SFPDD1M), or equal

INVOICE TO				SHIP TO			
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV US				WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	3.1.6 Extreme Networks 20GBase Direct Attach Cable - 3.0 met	5.00000	EA	\$132.00ea	- \$660.00

Comm Code	Manufacturer	Specification	Model #
26121609			

Extended Description:

3.1.6 Extreme Networks 20GBase Direct Attach Cable - 3.0 meters (Part# 20G-DACP-SFPDD3M), or equal.

INVOICE TO			SHIP TO		
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV US			WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV US		

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
7	3.1.7 Extreme Networks 10GBASE-LR SFP+ Transceiver Module -	30.00000	EA	\$247.00ea	- \$7,410.00

Comm Code	Manufacturer	Specification	Model #
43201500			

Extended Description:

3.1.7 Extreme Networks 10GBASE-LR SFP+ Transceiver Module - 10 Gigabit Ethernet (Part# 10302), or equal.

INVOICE TO			SHIP TO		
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV US			WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV US		

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
8	3.1.8 Extreme Networks 10GBASE-SR SFP+ Transceiver Module -	30.00000	EA	\$163.00ea	- \$4,890.00

Comm Code	Manufacturer	Specification	Model #
43201500			

Extended Description:

3.1.8 Extreme Networks 10GBASE-SR SFP+ Transceiver Module - 10 Gigabit Ethernet (Part# 10301), or equal

INVOICE TO				SHIP TO			
DEPARTMENT OF ADMINISTRATION OFFICE OF TECHNOLOGY 1900 KANAWHA BLVD E, BLDG 5 10TH FLOOR CHARLESTON WV US				WV OFFICE OF TECHNOLOGY BLDG 5, 10TH FLOOR 1900 KANAWHA BLVD E CHARLESTON WV US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
9	3.1.9 Extreme Networks ExtremeCloud IQ Pilot Subscription	30.00000	EA	\$370.00ea	- \$11,100.00

Comm Code	Manufacturer	Specification	Model #
81162000			

Extended Description:

3.1.9 Extreme Networks ExtremeCloud IQ Pilot Subscription, or equal

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Questions are due by 3:00 p.m.	2025-06-13

	Document Phase	Document Description	Page 7
OOT2500000029	Final	Addendum No 1 Networking Equip for Fairmont & Clarksburg Bldg	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

James Stewart, Sales Engineer

(Printed Name and Title)

950 Kanawha Blvd East Ste 100 Charleston, WV 25301

(Address)

304-973-9537 / NA

(Phone Number) / (Fax Number)

jstewart@advantage.tech

(E-mail address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; ; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the Vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

Advantage Technology

(Company)



(Signature of Authorized Representative)

James Stewart, Sales Engineer

(Printed Name and Title of Authorized Representative)

06.23.2025

(Date)

304-973-9537 / NA

(Phone Number) (Fax Number)

Revised 8/24/2023

STATE OF WEST VIRGINIA
PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code § 15A-3-14, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code § 61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Advantage Technology

Authorized Signature: James Stewart Date: 06.23.2025

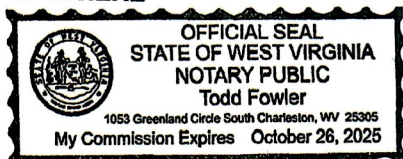
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 23rd day of June, 2025.

My Commission expires October 26, 2025

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 03/09/2019)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

06/10/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Mountain State Insurance Agency 1206 Kanawha Blvd. E. Suite 100 Charleston WV 25301-2949		CONTACT NAME: Jennifer Drake PHONE (A/C, No, Ext): (304) 720-2000 FAX (A/C, No): (304) 720-2002 E-MAIL ADDRESS: jdrake@mountainstateinsurance.com																						
INSURED Advantage Technology, LLC 950 Kanawha Blvd. E Charleston WV 25301		<table><tr><th colspan="2">INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A:</td><td>Charter Oak Fire Ins Co</td><td>25615</td></tr><tr><td>INSURER B:</td><td>St. Paul Protective Insurance Company</td><td>19224</td></tr><tr><td>INSURER C:</td><td>Travelers Property Casualty of America</td><td>25674</td></tr><tr><td>INSURER D:</td><td>Farmington Casualty Company</td><td>41483</td></tr><tr><td>INSURER E:</td><td></td><td></td></tr><tr><td>INSURER F:</td><td></td><td></td></tr></table>		INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	Charter Oak Fire Ins Co	25615	INSURER B:	St. Paul Protective Insurance Company	19224	INSURER C:	Travelers Property Casualty of America	25674	INSURER D:	Farmington Casualty Company	41483	INSURER E:			INSURER F:		
INSURER(S) AFFORDING COVERAGE		NAIC #																						
INSURER A:	Charter Oak Fire Ins Co	25615																						
INSURER B:	St. Paul Protective Insurance Company	19224																						
INSURER C:	Travelers Property Casualty of America	25674																						
INSURER D:	Farmington Casualty Company	41483																						
INSURER E:																								
INSURER F:																								

COVERAGES**CERTIFICATE NUMBER:** 24 25 Liab**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			ZLP16P96504	11/01/2024	11/01/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			BA9X277890	11/01/2024	11/01/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			CUPA1368310	11/01/2024	11/01/2025	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N / A	UBA1367872	11/01/2024	11/01/2025	<input checked="" type="checkbox"/> PER STATUTE <input checked="" type="checkbox"/> OTHER WW Code 23-4-2 E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Professional Liability Cyber Liability			ZPL91N85217	11/01/2024	11/01/2025	General Aggregate \$2,000,000 Each Occurrence \$2,000,000 Technology Errors and \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

Department of Administration Office of Technology
1900 Kanawha Blvd E
Bldg 5 10th Floor
Charleston WV 25305

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ OOT25*029

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

<input checked="" type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input type="checkbox"/> Addendum No. 3	<input type="checkbox"/> Addendum No. 8
<input type="checkbox"/> Addendum No. 4	<input type="checkbox"/> Addendum No. 9
<input type="checkbox"/> Addendum No. 5	<input type="checkbox"/> Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Advantage Technology

Company



Authorized Signature

06.23.2025

Date

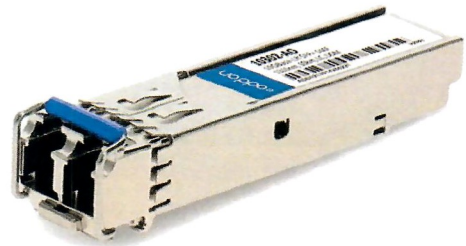
NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012

10302-AO

Extreme Networks® 10302 Compatible TAA Compliant 10GBase-LR SFP+ Transceiver (SMF, 1310nm, 10km, LC, DOM)

Features

- SFF-8432 and SFF-8472 Compliance
- Uncooled DFB transmitter and PIN receiver
- Duplex LC Connector
- Commercial Temperature 0 to 70 Celsius
- Single-mode Fiber
- Hot Pluggable
- Excellent ESD Protection
- Metal with Lower EMI
- RoHS Compliant and Lead Free



Applications

- 8x/10x Fibre Channel
- 10GBase-LR Ethernet
- Access, Datacenter and Enterprise
- Mobile Fronthaul CPRI/OBSAI

Product Description

This Extreme Networks® 10302 compatible SFP+ transceiver provides 10GBase-LR throughput up to 10km over single-mode fiber (SMF) using a wavelength of 1310nm via an LC connector. It is guaranteed to be 100% compatible with the equivalent Extreme Networks® transceiver. This easy to install, hot swappable transceiver has been programmed, uniquely serialized and data-traffic and application tested to ensure that it will initialize and perform identically. Digital optical monitoring (DOM) support is also present to allow access to real-time operating parameters. This transceiver is Trade Agreements Act (TAA) compliant. We stand behind the quality of our products and proudly offer a limited lifetime warranty.

AddOn's transceivers are RoHS compliant and lead-free.

TAA refers to the Trade Agreements Act (19 U.S.C. & 2501-2581), which is intended to foster fair and open international trade. TAA requires that the U.S. Government may acquire only "U.S. – made or designated country end products."



Absolute Maximum Ratings

Parameter	Symbol	Min.	Max.	Unit
Maximum Supply Voltage	V _{CC}	-0.5	4.0	V
Storage Temperature	T _S	-40	85	°C
Operating Case Temperature	T _C	0	70	°C
Operating Humidity	RH	5	85	%
Receiver Power	R _{MAX}		0.5	dBm
Maximum Bitrate	B _{max}		11.3	Gbps

Electrical Characteristics (TOP=25°C, V_{CC}=3.3Volts)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Notes
Power Supply Voltage	V _{CC}	3.15	3.30	3.43	V	
Power Supply Current	I _{CC}			303	mA	
Power Consumption	P _{DISS}			1	W	
Transmitter						
Differential data input swing	V _{in,pp}	120		850	mV	
Input differential impedance	Z _{in}	80	100	120	Ω	
Receiver						
Differential data output swing	V _{out, pp}	300		850	mV	
Output differential impedance	Z _{in}	80	100	120	Ω	

Optical Characteristics

Parameter	Symbol	Min.	Typ.	Max.	Unit	Notes
Transmitter						
Optical Power (average)	P _{AVE}	-8.2		0.5	dBm	1
Optical Modulation amplitude (OMA)	P _{OMA}	-5.2			dBm	
Optical Extinction Ratio	ER	3.5			dB	
Optical Wavelength	Tλ	1260	1310	1355	nm	
Insertion loss	IL		0.6			
Receiver						
Receiver Sensitivity (average)	R _{AVE}			-14.4	dBm	3
Receiver Sensitivity (OMA)	R _{OMA}			-12.6		2
Receiver overload	P _{max}	0.5			dBm	4
Receiver wavelength	Rλ	1260		1565	nm	

Notes:

1. Coupled into a Single-mode fibre
2. Per IEEE 802.3ae specification
3. Average power, back-to-back, @10.31Gbps, BER $1E^{-12}$, PRBS $2^{31}-1$.
4. Exceeding the Receiver overload can physically damage the module. Please use appropriate attenuation.

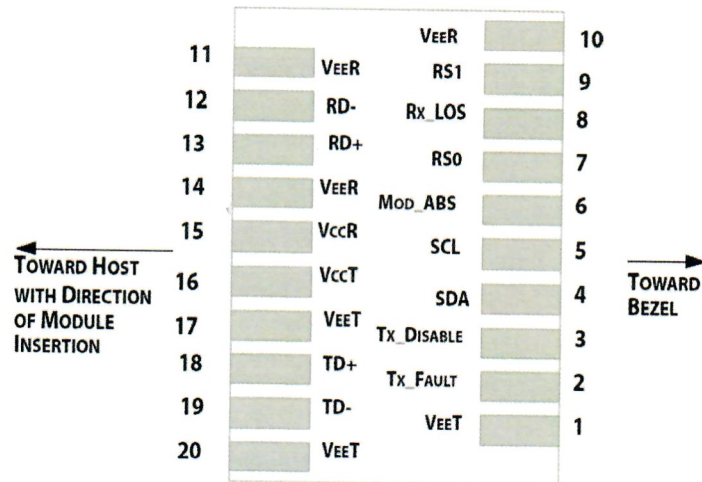
Pin Descriptions

Pin	Symbol	Name/Descriptions	Ref.
1	VeeT	Transmitter Ground (Common with Receiver Ground).	1
2	TX Fault	Transmitter Fault. LVTTTL-O	2
3	TX Disable	Transmitter Disable. Laser output disabled on high or open. LVTTT-I.	3
4	SDA	2-Wire Serial Interface Data Line (Same as MOD-DEF2 in INF-8074i). LVTTTL-I/O.	
5	SCL	2-Wire Serial Interface Data Line (Same as MOD-DEF2 in INF-8074i). LVTTTL-I.	
6	MOD_ABS	Module Absent, Connect to VeeT or VeeR in Module.	4
7	RS0	Rate Select 0. Not used	5
8	LOS	Loss of Signal indication. Logic 0 indicates normal operation. LVTTTL-O.	2
9	RS1	Rate Select 1. Not used	5
10	VeeR	Receiver Ground (Common with Transmitter Ground).	1
11	VeeR	Receiver Ground (Common with Transmitter Ground).	1
12	RD-	Receiver Inverted DATA out. AC Coupled. CML-O.	
13	RD+	Receiver Non-inverted DATA out. AC Coupled. CML-O.	
14	VeeR	Receiver Ground (Common with Transmitter Ground).	1
15	VccR	Receiver Power Supply.	
16	VccT	Transmitter Power Supply.	
17	VeeT	Transmitter Ground (Common with Receiver Ground).	1
18	TD+	Transmitter Non-Inverted DATA in. AC Coupled. CML-I.	
19	TD-	Transmitter Inverted DATA in. AC Coupled. CML-O.	
20	VeeT	Transmitter Ground (Common with Receiver Ground).	1

Notes:

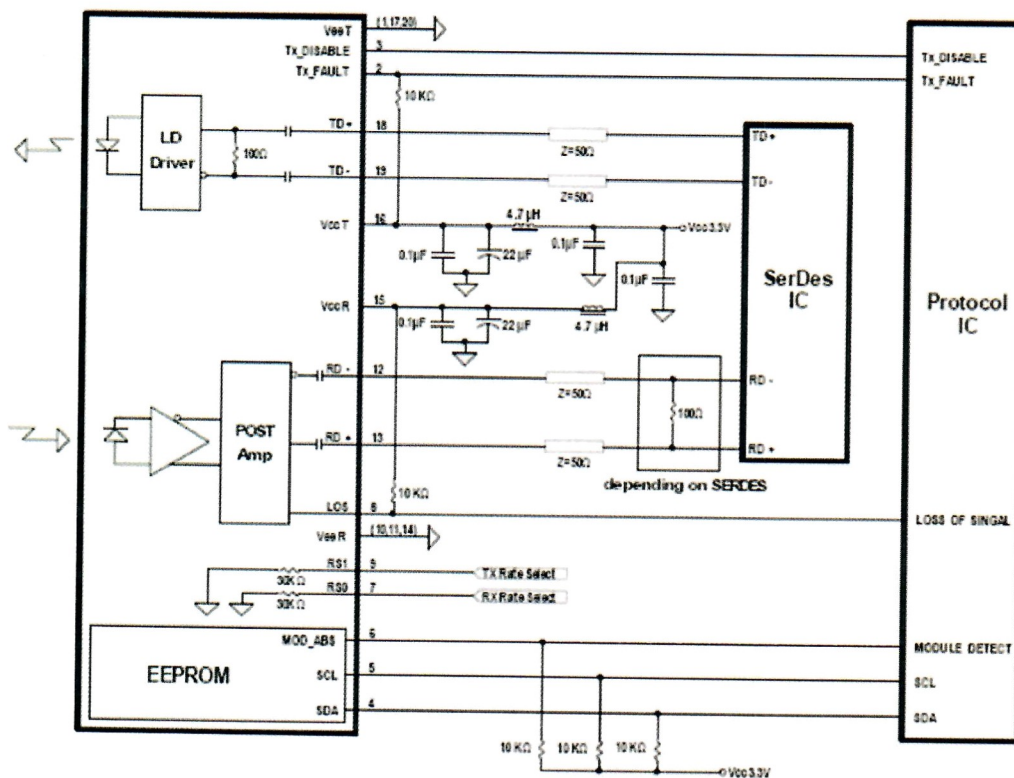
1. The module signal ground contacts, VeeR and VeeT, should be isolated from the module case.
2. This contact is an open collector/drain output and should be pulled up to the Vcc_Host with resistor in the range 4.7K Ω to 10K Ω . Pull ups can be connected to one or several power supplies, however the host board design shall ensure that no module contract has voltage exceeding module VccT/R +0.5.V.
3. Tx_Disable is an input contact with a 4.7K Ω to 10K Ω pull-up resistor to VccT inside module.
4. Mod_ABS is connected to VeeT or VeeR in the SFP+ module. The host may pull the contract up to

- Vcc_Host with a resistor in the range from 4.7KΩ to 10KΩ. Mod_ABS is asserted "High" when the SFP+ module is physically absent from a host slot.
- Internally pulled down per SFF-8431



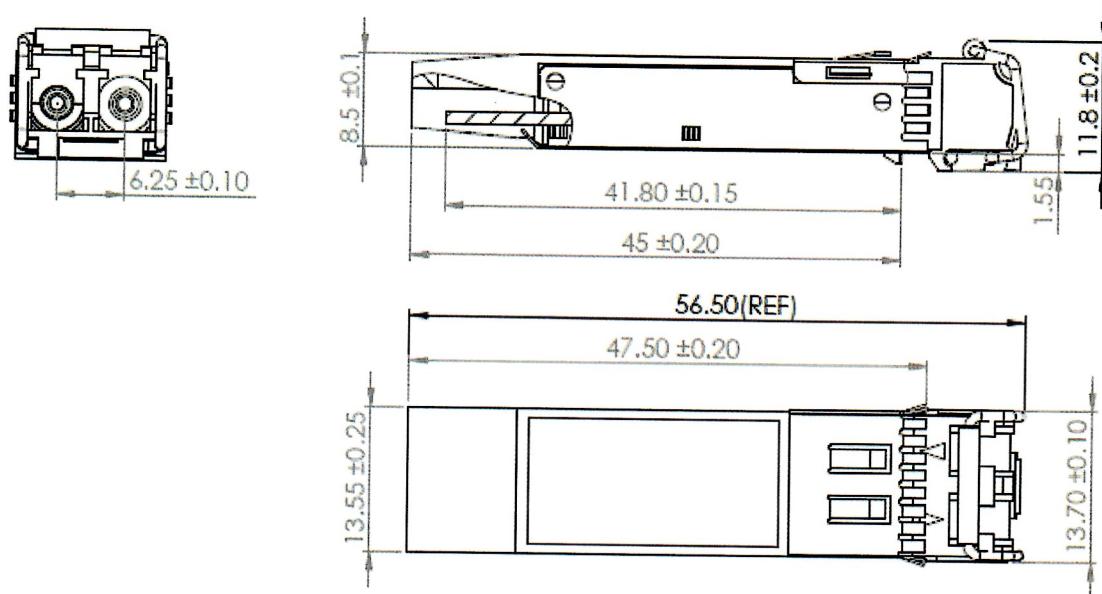
Pin-out of connector Block on Host board

Recommended Circuit Schematic



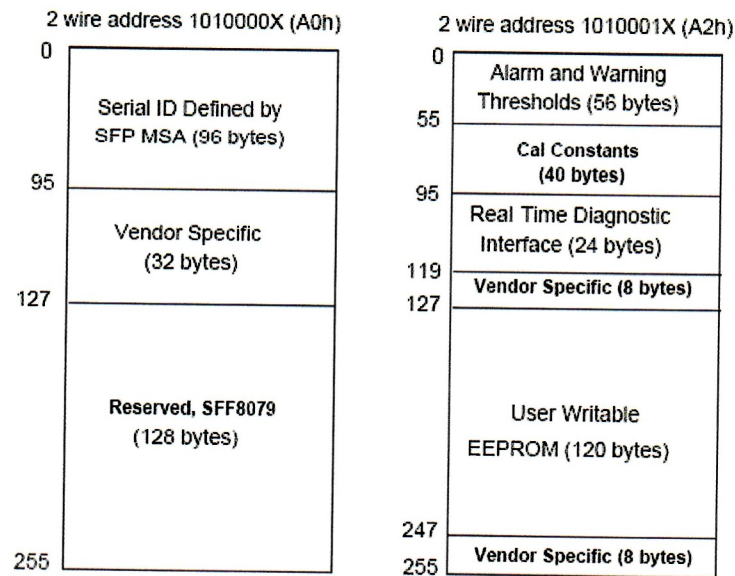
Mechanical Specifications

Small Form Factor Pluggable (SFP) transceivers are compatible with the dimensions defined by the SFP Multi-Sourcing Agreement (MSA).



EEPROM Information

EEPROM memory map specific data field description is as below:



About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is ingrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.



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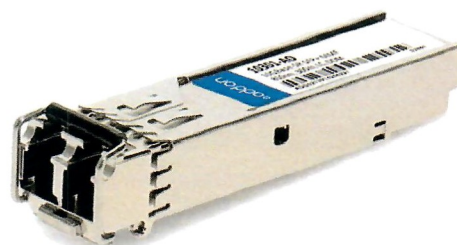
Telephone: +44 1285 842070

10301-AO

Extreme Networks® 10301 Compatible TAA Compliant 10GBase-SR SFP+ Transceiver (MMF, 850nm, 300m, LC, DOM)

Features

- SFF-8432 and SFF-8472 Compliance
- VCSEL transmitter and PIN receiver
- Duplex LC Connector
- Commercial Temperature 0 to 70 Celsius
- Multi-mode Fiber
- Hot Pluggable
- Excellent ESD Protection
- Metal with Lower EMI
- RoHS Compliant and Lead Free



Applications

- 8x/10x Fibre Channel
- 10GBase-SR Ethernet
- Access, Datacenter and Enterprise
- Mobile Fronthaul CPRI/OBSAI

Product Description

This Extreme Networks® 10301 compatible SFP+ transceiver provides 10GBase-SR throughput up to 300m over multi-mode fiber (MMF) using a wavelength of 850nm via an LC connector. It is guaranteed to be 100% compatible with the equivalent Extreme Networks® transceiver. This easy to install, hot swappable transceiver has been programmed, uniquely serialized and data-traffic and application tested to ensure that it will initialize and perform identically. Digital optical monitoring (DOM) support is also present to allow access to real-time operating parameters. This transceiver is Trade Agreements Act (TAA) compliant. We stand behind the quality of our products and proudly offer a limited lifetime warranty.

AddOn's transceivers are RoHS compliant and lead-free.

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Absolute Maximum Ratings

Parameter	Symbol	Min.	Max.	Unit
Maximum Supply Voltage	V _{CC}	-0.5	4.0	V
Storage Temperature	T _S	-40	85	°C
Operating Case Temperature	T _C	0	70	°C
Operating Humidity	RH	5	85	%
Receiver Power	R _{MAX}		-1	dBm
Maximum Bitrate	B _{max}		11.3	Gbps

Electrical Characteristics (TOP=25°C, V_{CC}=3.3Volts)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Notes
Power Supply Voltage	V _{CC}	3.15	3.30	3.43	V	
Power Supply Current	I _{CC}			303	mA	
Power Consumption	P _{DISS}			1	W	
Transmitter						
Differential data input swing	V _{in,pp}	120		850	mV	
Input differential impedance	Z _{in}	80	100	120	Ω	
Receiver						
Differential data output swing	V _{out, pp}	300		850	mV	
Output differential impedance	Z _{in}	80	100	120	Ω	

Optical Characteristics

Parameter	Symbol	Min.	Typ.	Max.	Unit	Notes
Transmitter						
Optical Power (average)	P _{AVE}	-7.3		-1.2	dBm	1
Optical Modulation amplitude (OMA)	P _{OMA}	-1.5			dBm	2
Optical Extinction Ratio	ER	3			dB	
Optical Wavelength	Tλ	840	850	860	nm	
Insertion loss	IL		2			
Receiver						
Receiver Sensitivity (average)	R _{AVE}			-9.9	dBm	3
Receiver Sensitivity (OMA)	R _{OMA}			-11.1		2
Receiver overload	P _{max}	-1			dBm	4
Receiver wavelength	Rλ	840		860	nm	

Notes:

1. Coupled into a Multi-mode fibre
2. Per IEEE 802.3ae specification
3. Average power, back-to-back, @10.31Gbps, BER 1E-12, PRBS 231-1.
4. Exceeding the Receiver overload can physically damage the module. Please use appropriate attenuation.

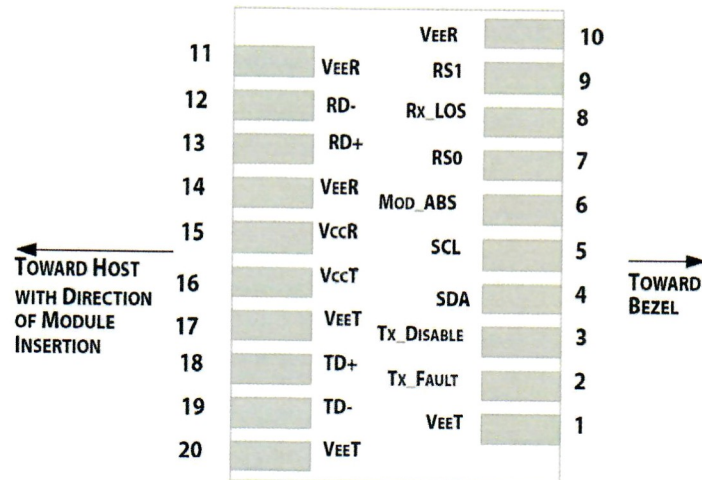
Pin Descriptions

Pin	Symbol	Name/Descriptions	Ref.
1	VeeT	Transmitter Ground (Common with Receiver Ground).	1
2	TX Fault	Transmitter Fault. LVTTTL-O	2
3	TX Disable	Transmitter Disable. Laser output disabled on high or open. LVTTTL-I.	3
4	SDA	2-Wire Serial Interface Data Line (Same as MOD-DEF2 in INF-8074i). LVTTTL-I/O.	
5	SCL	2-Wire Serial Interface Data Line (Same as MOD-DEF2 in INF-8074i). LVTTTL-I.	
6	MOD_ABS	Module Absent, Connect to VeeT or VeeR in Module.	4
7	RS0	Rate Select 0. Not used	5
8	LOS	Loss of Signal indication. Logic 0 indicates normal operation. LVTTTL-O.	2
9	RS1	Rate Select 1. Not used	5
10	VeeR	Receiver Ground (Common with Transmitter Ground).	1
11	VeeR	Receiver Ground (Common with Transmitter Ground).	1
12	RD-	Receiver Inverted DATA out. AC Coupled. CML-O.	
13	RD+	Receiver Non-inverted DATA out. AC Coupled. CML-O.	
14	VeeR	Receiver Ground (Common with Transmitter Ground).	1
15	VccR	Receiver Power Supply.	
16	VccT	Transmitter Power Supply.	
17	VeeT	Transmitter Ground (Common with Receiver Ground).	1
18	TD+	Transmitter Non-Inverted DATA in. AC Coupled. CML-I.	
19	TD-	Transmitter Inverted DATA in. AC Coupled. CML-O.	
20	VeeT	Transmitter Ground (Common with Receiver Ground).	1

Notes:

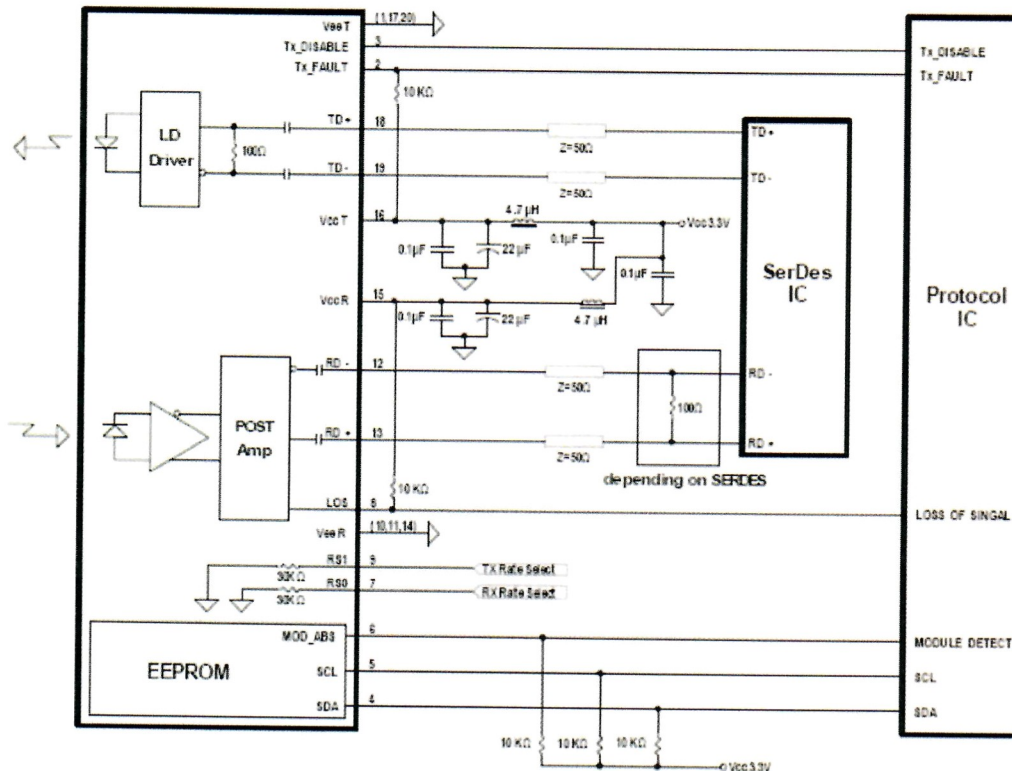
1. The module signal ground contacts, VeeR and VeeT, should be isolated from the module case.
2. This contact is an open collector/drain output and should be pulled up to the Vcc_Host with resistor in the range 4.7KΩ to 10KΩ. Pull ups can be connected to one or several power supplies, however the host board design shall ensure that no module contract has voltage exceeding module VccT/R +0.5.V.
3. Tx_Disable is an input contact with a 4.7KΩ to 10KΩ pull-up resistor to VccT inside module.

4. Mod_ABS is connected to VeeT or VeeR in the SFP+ module. The host may pull the contract up to Vcc_Host with a resistor in the range from 4.7KΩ to 10KΩ. Mod_ABS is asserted "High" when the SFP+ module is physically absent from a host slot.
5. Internally pulled down per SFF-8431



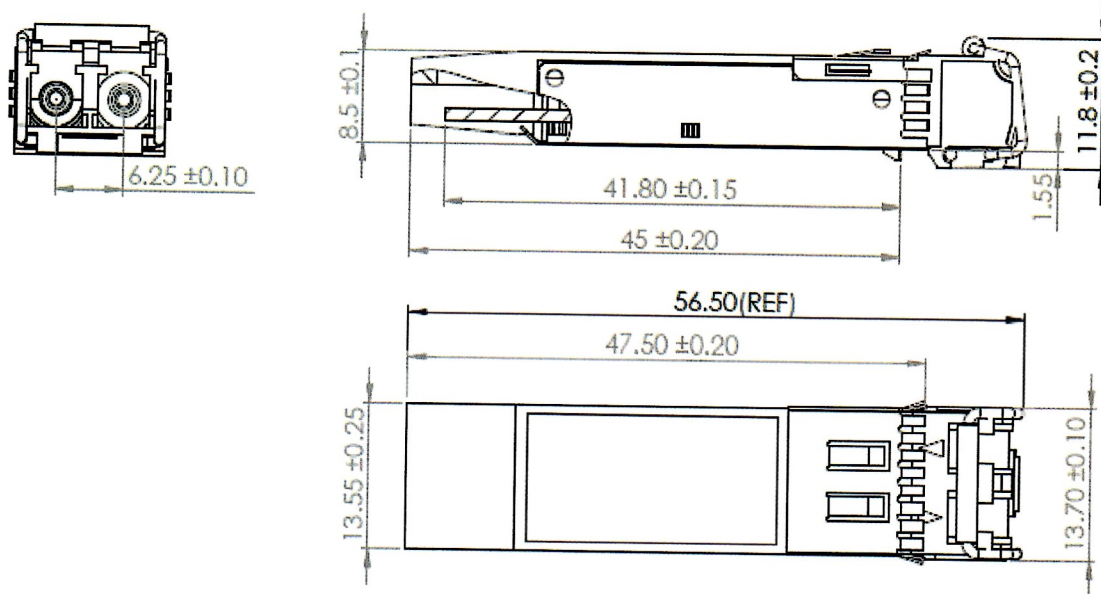
Pin-out of connector Block on Host board

Recommended Circuit Schematic



Mechanical Specifications

Small Form Factor Pluggable (SFP) transceivers are compatible with the dimensions defined by the SFP Multi-Sourcing Agreement (MSA).



EEPROM Information

EEPROM memory map specific data field description is as below:

2 wire address 1010000X (A0h)		2 wire address 1010001X (A2h)	
0	<div>Serial ID Defined by SFP MSA (96 bytes)</div> <div>Vendor Specific (32 bytes)</div> <div>Reserved, SFF8079 (128 bytes)</div>	0	Alarm and Warning Thresholds (56 bytes)
95		55	Cal Constants (40 bytes)
127		95	Real Time Diagnostic Interface (24 bytes)
		119	Vendor Specific (8 bytes)
		127	User Writable EEPROM (120 bytes)
		247	
255		255	Vendor Specific (8 bytes)

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