VX1000 Measurement and Calibration Interface Hardware

www.vector.com/VX1000

MC Tool | Base Modules | Cables | Pigtails | PODs | Target Cables & Adapters | Target Controllers

VX1060 / VX1134 / VX1135
Base Module

	Host Uplink	Serial	HSSL	HSSL2	CAN[2]/ FlexRay
VX1060	1x100ME	•			
VX1134B	1x1GE 1x1GE/100BASE-T1		•		
VX1134C	1x1GE 1x1GE/100BASE-T1			•	
VX1135A	1x1GE 1x1GE/100BASE-T1	•[1]	•[1]		5[2] / 1[3]
VX1135C	1x1GE 1x1GE/100BASE-T1			•	5[2] / 1[3]
VX1135D	1x1GE 1x1GE/100BASE-T1		•[1]	•[1]	5[2] / 1[3]
VX1135E	1x1GE 2x1GE/100BASE-T1	•			5[2]/ 1[3]
VX1135F	1x1GE 1x1GE/100BASE-T1	•[1]		•[1]	5[2] / 1[3]

[1] PODs can be used alternatively but not in parallel
[2] CAN transceiver either 1051 or 1462BT
[3] FlexRay optional

CANape or other MC Tools

ETH

VX1161
Multi Base Module

	Host Uplink Card
VX1161.22B	Host Uplink (2x10GE 4x1GE/100BASE-T1)
VX1161.22C	Host Uplink (4x10GE 2x1GE/100BASE-T1)
	POD Interface Cards
VX1161.31A	Serial
VX1161.32B	HSSL
VX1161.32C	HSSL2
	Network Interface Cards
VX1161.41A	6x CAN
VX1161.41B	6x CAN 1x FR
VN5130	3x Automotive Ethernet TAP
	Streaming Interface Cards
VX1161.51A/.52A[4]	2x TAP FPDLINK3 TI954/TI953
VX1161.51B	4x RX FPDLINK3 TI954
VX1161.51C/.52C[4]	2x TAP GMSL2 MX9296A/MX9295A
VX1161.51D/.52D[4]	4x RX GMSL2 MX9296A
VX1161.52G[4]	2x TAP FPDLINK4 TI9702/TI971
VX1161.51H/.52H[4]	2x TAP GMSL2 MX96718A/MX96717

[4] VX1161.52 with hardware compression

HSSL

HSSL Cable
VX1372
2m
VX1375
5m

HSSL Pigtail
VX1379
0.5m

HSSL POD

VX1453
6.25 Gbit/s Aurora,
Nexus AUX
TPIU-Trace
ARM Trace Pins

VX1454.01
20 Gbit/s Aurora

(Optional)

Evalboard Extension Kit for VX145x

VX1902
EEK Head for various Target Interfaces and Connectors

(Optional)

Flex-PCB

VX19xx
Aurora, Nexus AUX

Renesas
RH850
(Nexus Aurora)

NXP
PowerPC xPC5xxx
(Nexus Aurora, Nexus AUX)

ST ARM
Stellar
(Aurora)

Infineon
TriCore AURIX
(Aurora)

Various
ARM Cortex-based (Aurora, ARM Trace Pins/TPIU-Trace)

HSSL2

HSSL2 Cable
VX1381A
2m
VX1381B
5m
VX1381C
8m

HSSL2 Pigtail
VX1381E
0.5m

Components per measurement site

Components per ECU

Serial

(Optional)
Serial Extension
VX1345A*
5m (IP60)
VX1346A*
8m (IP60)
*Only JTAG, SWD; DAP ≤120 Mhz

Serial Pigtail
VX1348B
2.5m (IP60)

Serial

Serial Pigtail
VX1349B.01
0.7m (IP60)

(Optional)
Serial2 Extension
VX1311A
2m (IP67)
VX1311B
5m (IP67)
VX1311C
8m (IP67)

Serial

Serial2 Pigtail
VX1311G
0.7m (IP67)
VX1311H
2.5m (IP67)

Serial POD

VX1543B
JTAG, SWD: 1.8V/3.3V/5V;
DAP [80 MHz]: 3.3V/5V

VX1544A
DAP [120 MHz]: 3.3V/5V;
Zipwire/HSCT/RHSIF

VX1544B
DAP [160 MHz]: 3.3V

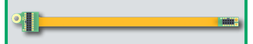
VX1544C
DAP [160 MHz]: 5V

Sealed enclosure

(Optional)

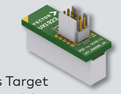
Ribbon Cable
10- / 16- Pin 1.27mm
DAP [80 Mhz], JTAG, SWD

Flex-PCB



VX1927
10-Pin, 1.27mm
DAP, Zipwire/HSCT

(Optional)
Adapter



VX19xx
For various Target Interfaces and Connectors

Infineon
TriCore TC1xxx
TriCore AURIX
(DAP, HSCT)

NXP/ST
PowerPC xPC5xxx
(JTAG Nexus Class 2+, Zipwire)

NXP ARM
S32K or S32G
(SWD)

Renesas
RH850
(JTAG Nexus Class 2+, RHSIF)

ST ARM
Stellar
(SWD)

Calterah
S244 / S344

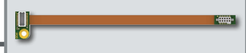
Various
ARM Cortex-based
(SWD, JTAG)

XCP on Automotive Ethernet (100BASE-T1)

(Optional)
XPOD

VX1621A
JTAG, SWD, DAP

Flex-PCB



VX1903
10-Pin, 1.27mm,
for DAP, JTAG, SWD

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