

PCIe 2-Link and 4-Link Configurations

Agilent M9018A PXIe Chassis

START HERE
Please place your mouse over this rounded rectangle to view information about this diagram.

Show PCIe Link Configurations

Links used of the two x8 links available

Link 1	Link 2	Factory default
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Possible PCIe 2-Link Configurations

- 1x8
- 2x8

Total number of x8 links used: 2

Lanes per link: 8

Links used of the four x4 links available

Link 1	Link 2	Link 3	Link 4
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Possible PCIe 4-Link Configurations

- 1x4
- 2x4
- 3x4
- 4x4

Total number of x4 links used: 4

Lanes per link: 4

Front panel ON/Standby pushbutton

Show Host Controller Software

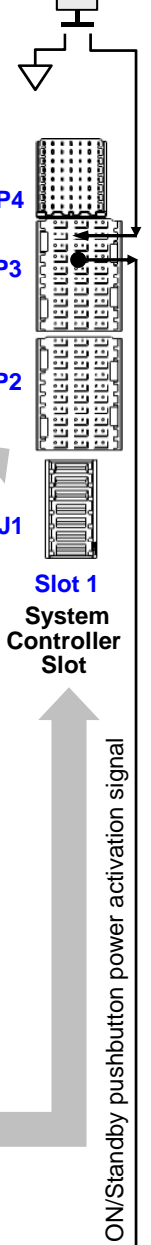
- Clear
- Agilent Connection Expert
- Soft Front Panel
- Development environments

Remote Controllers

- M9045 PCIe ExpressCard Adapter (x1)
- M9021A PCIe Cable Interface (x8)
- M9047 PCIe Desktop Adapter (x8)

Y1200A PCIe cable: x4 to x8 connectors, 2.0m

Y1202A PCIe cable: x8, 2.0m



ON/Standby pushbutton power activation signal

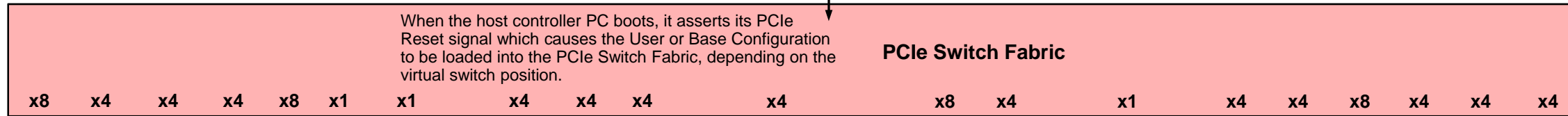
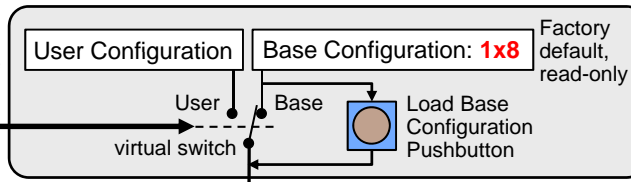
Show Chassis Views

- Clear
- Front View
- Rear View



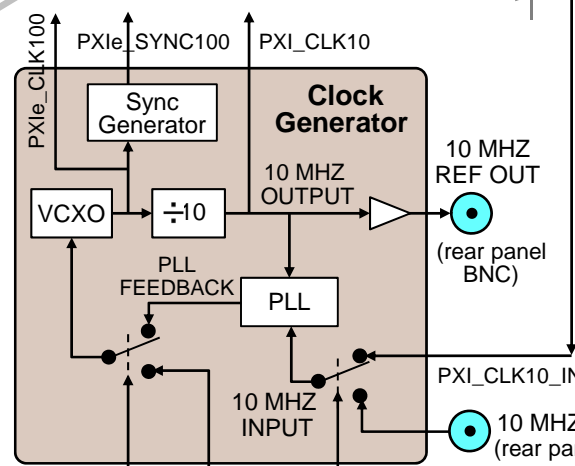
PCIe Switch Fabric Configurator

This program can be used to set the User Configuration to 2x8 or 4x4 (and point the virtual switch to the User Configuration), or point the switch to the Base Configuration.



Show Clocks

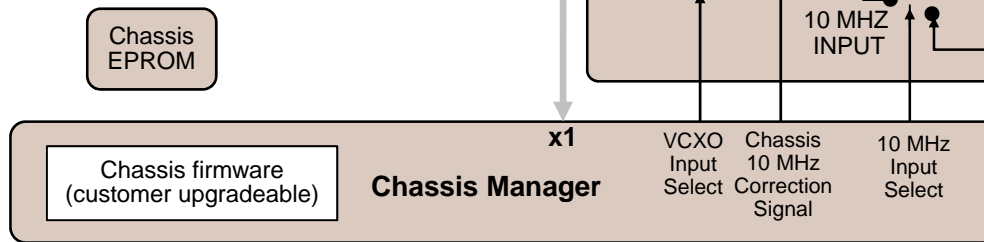
- Show SMBus
- Clear
- PXI_CLK10
- PXIe_CLK100
- PXIe_SYNC100



Show Triggers

- Clear
- PXI_TRIG[0:7]
- PXI_STAR[0:16]
- PXIe_DSTAR A/B/C[0:16]

- Show Boards Supported by the Hybrid Slots
- Show Hybrid Slot Pin Outs



Power Supply

C20 power connector (rear panel)

Primary Power Module (PPM)

5Vaux, 3.3V, 5V, 12V, -12V

To module slots and chassis electronics

5Vstandby

Fan Monitor and Control

Fan 12V

INHIBIT (rear panel)

DEF (default)

MAN (manual)

Inhibit

ON/Standby pushbutton power activation signal

DB-9 Connector

Pin	Signal
1	Logic ground
2	+5 VDC
3	Reserved
4	+3.3 VDC
5	Inhibit (active low)
6	+12 VDC
7	Reserved
8	-12 VDC
9	Logic ground

