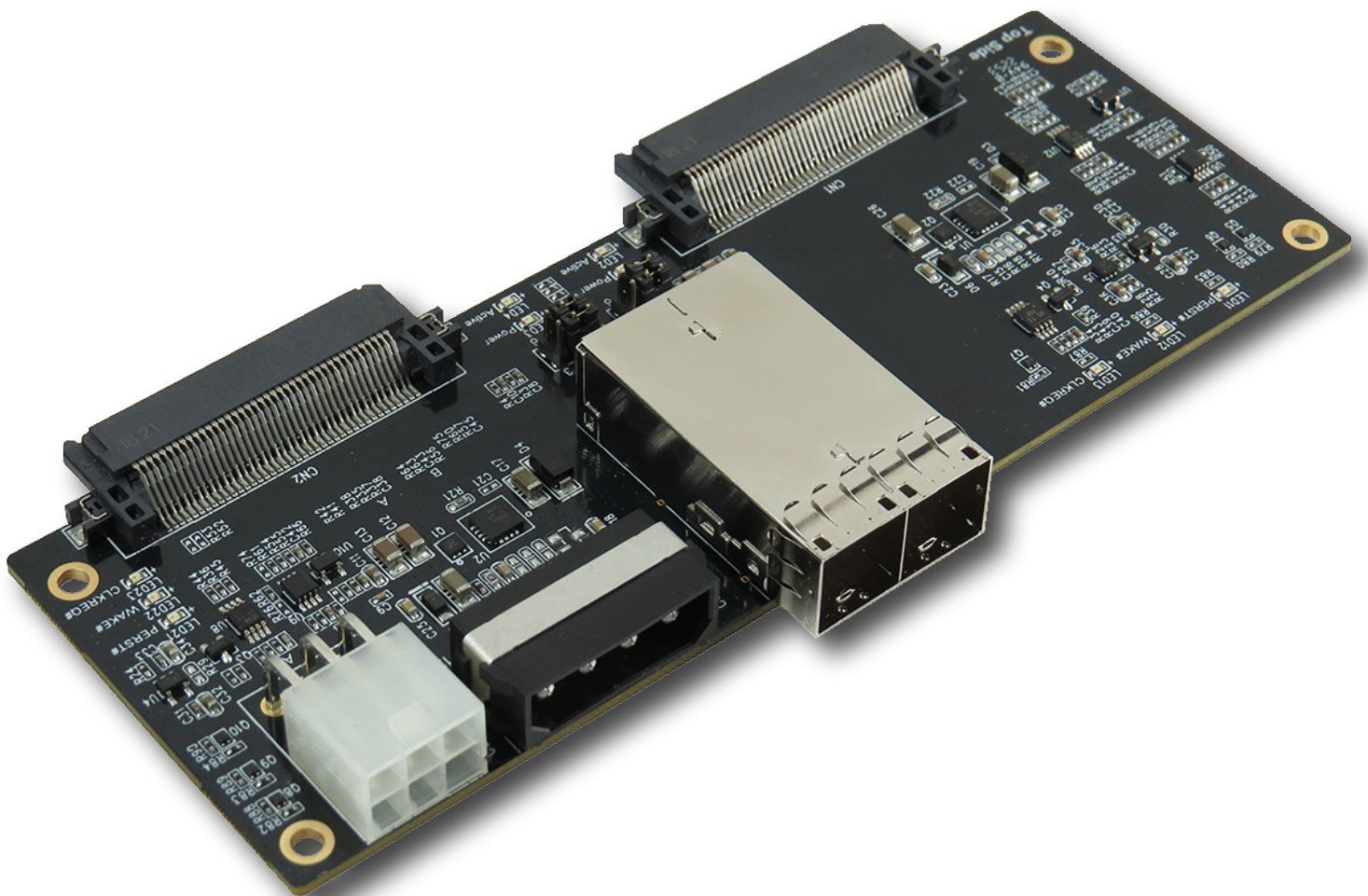


Innocard

Minerva

GD1806A

SFF-8674 1x2, 4X PCIe 4.0 for U.2 Dual Ports Adapter



SFF-8674 1x2, 4X PCIe 4.0 for U.2 Dual Ports Adapter

Features

- ※ U.2 dual port to SFF-8674 1x2, 4X(external Mini SAS HD) convert
- ※ Built-in SFF-8674 1x2, 4X, 30" connector
- ※ Built-in two U.2 SFF-8639, 30u" connector
- ※ Built-in two 12V Hot Plug Power with eFuse protection for U.2 dual port
 - ◆ Programmable Current Limit: 6.5A
 - ◆ Programmable Inrush Current Slew Rate
 - ◆ Thermal shutdown protection and fault alert
 - ◆ Back-to-Back (B2B) FET Operation
- ※ Built-in two 3.3V Load Switch protection for U.2 dual port 3.3Vaux
- ※ Supports U.2 to PCIe CLKREQ#, WAKE# connection with Buffers
- ※ Supports U.2 PWRDIS function Implementation
- ※ Built-in SMBus Hot Swappable 2-Wire Bus Buffer
- ※ LED1, LED3 Green LED on indicates U.2 NVMe SSD power ready
- ※ LED2, LED4 Red LED Blinking indicates U.2 active status
- ※ LED11, LED21 Red OFF indicates PERST# Normal (Function intentionally inverted)
- ※ LED12, LED22 Red OFF indicates WAKE# Normal (Function intentionally inverted)
- ※ LED13, LED23 Red OFF indicates CLKREQ# Normal (Function intentionally inverted)

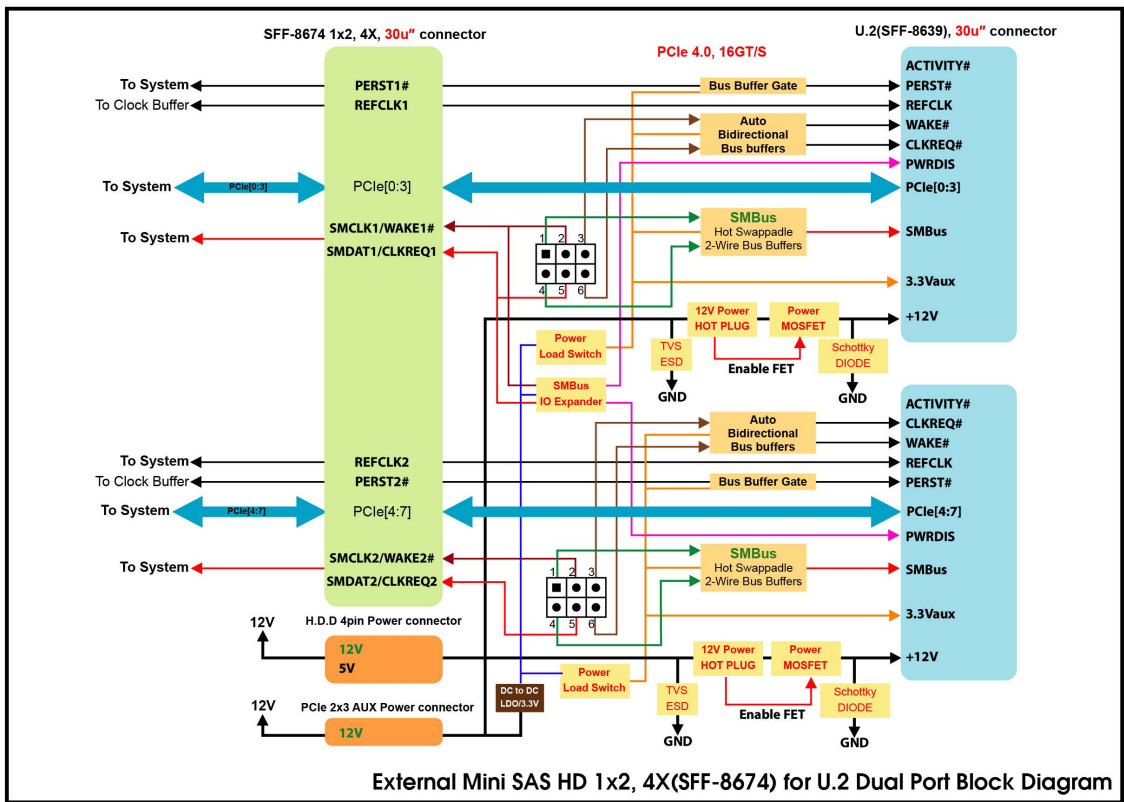
Specifications

- ※ Compliant with NVM Express 1.4
- ※ Support PCI Express Base Specification Rev 4.0
- ※ Support SSD_Form_Factor_Version1_a
- ※ Compliant with PCIe_SFF-8639_R3.0_V1.0
- ※ Compliant with SFF-TA-1001 Rev1.1
- ※ Compliant with SFF-9402 Rev1.1

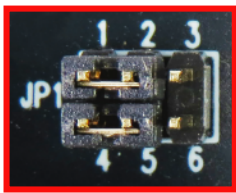
Applications

- ※ Servers
- ※ HBA(Host Bus Adapter)
- ※ Data Center
- ※ Storage Racks
- ※ Storage Controller
- ※ Servers RAIDs(Redundant Array of Independent Disks)
- ※ Routers

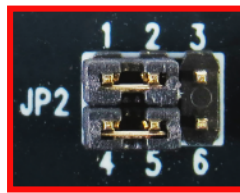
SFF-8674 1x2, 4X PCIe 4.0 for U.2 Dual Ports Adapter



The switches settings are as noted below



JP1 SETUP			
1-2	ON	SMCLK1	Default setup
4-5	ON	SMDAT1	
2-3	ON	WAKE1#	
5-6	ON	CLKREQ1#	



JP2 SETUP			
1-2	ON	SMCLK2	Default setup
4-5	ON	SMDAT2	
2-3	ON	WAKE2#	
5-6	ON	CLKREQ2#	

