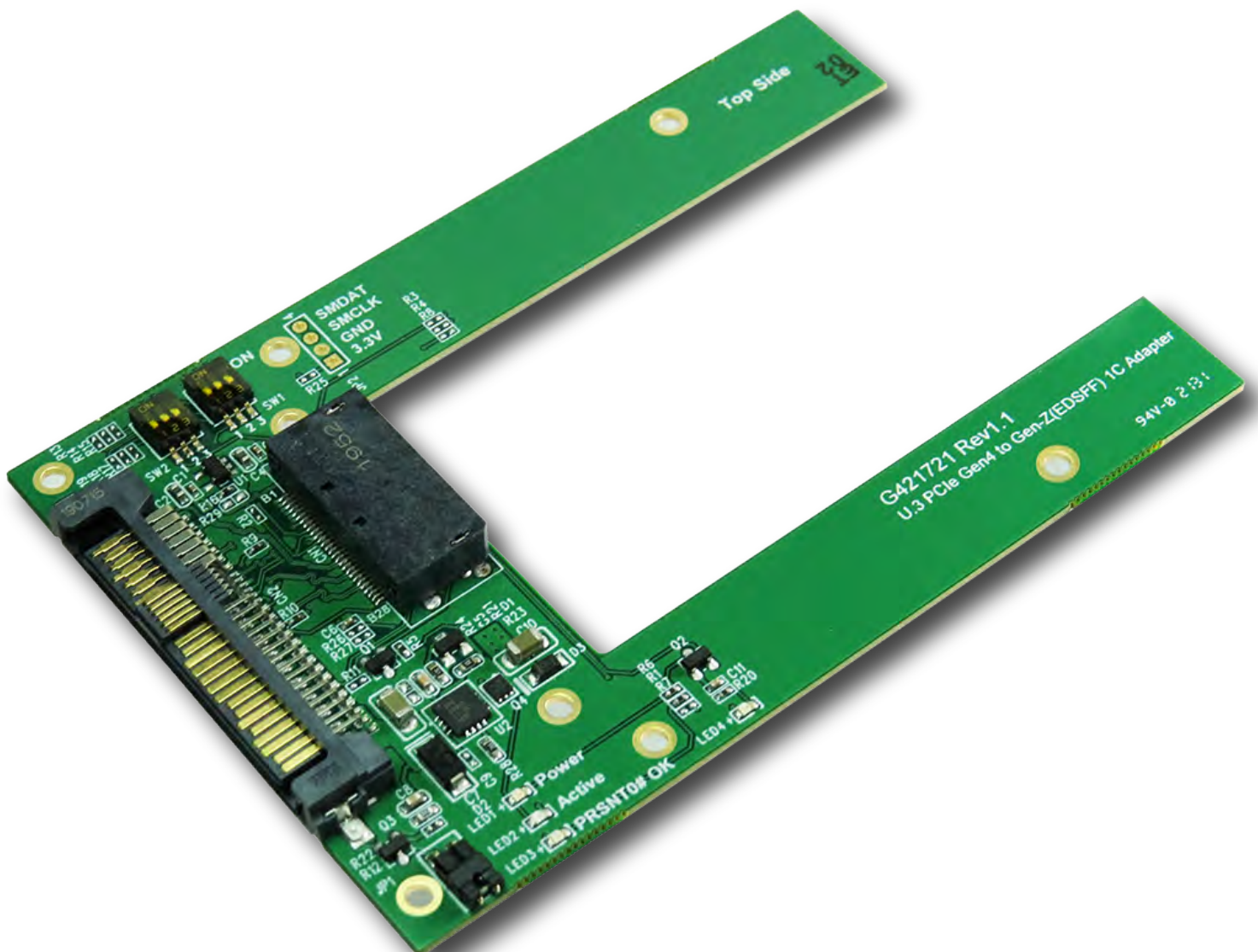


Innocard

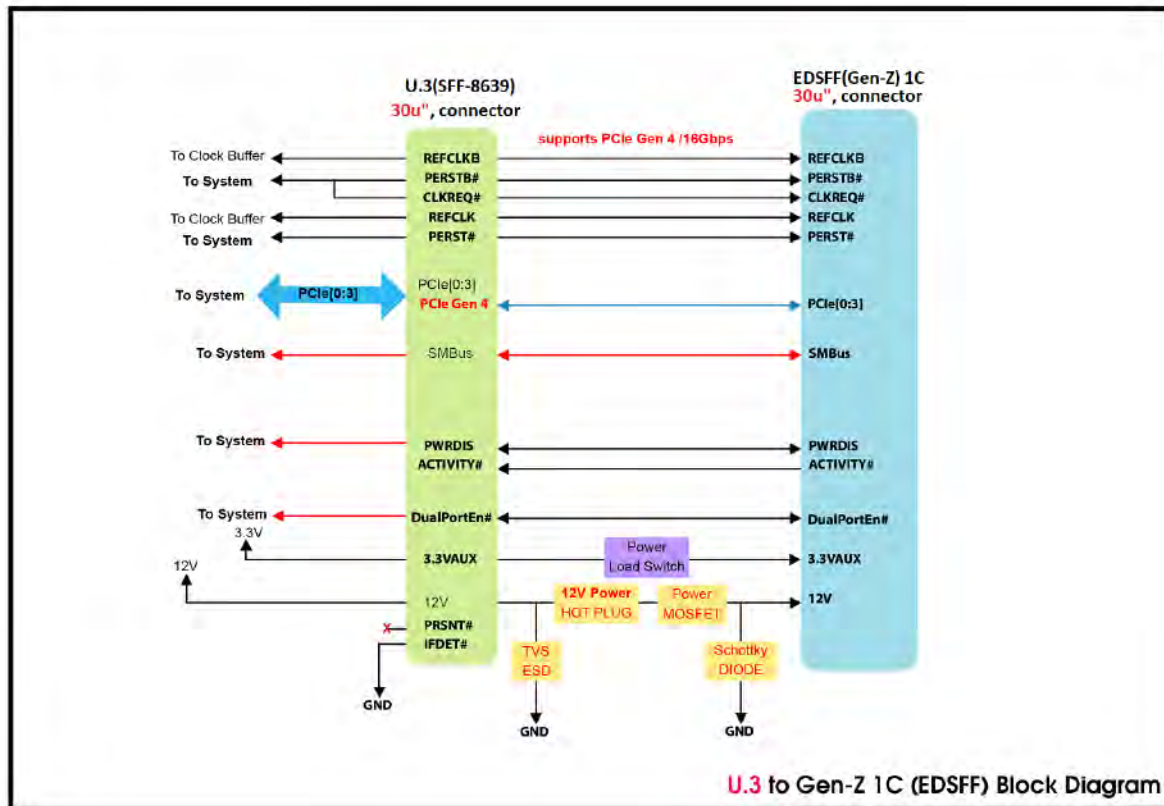
Minerva

GD1407A

U.3 PCIe Gen 4, 16GT/s to Gen-Z 1C(EDSFF) Adapter



U.3 PCIe Gen 4, 16GT/s to Gen-Z 1C(EDSFF) Adapter



Features

- ※ Built-in 12V Hot Plug Power IC with eFuse protection circuit
- ※ Built-in U.3(SFF-8639) Male connector
- ※ Built-in EDSFF (Gen-Z) 1C Connector
- ※ Supports SMB_CLK/ SMB_DATA
- ※ Supports PWRDIS
- ※ Supports DualPortEn
- ※ LED1 GREEN indicates 12V Power Ready
- ※ LED2 RED LED Blinking indicates Gen-Z SSD active status
- ※ LED3 GREEN indicates PRSNT0# OK
- ※ LED4 GREEN indicates 3.3Vaux Power Ready
- ※ JP1 pin header must be to setup on, when Host does not supply 3.3Vaux
- ※ U.3 Device Type Encoding setup switch on board

Specifications

- ※ Compliant with NVM Express 1.2
- ※ 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-TA-1002 Specification Multi Lane High Speed Connector Rev1.3
- ※ Compliant with SFF-TA-1006 Enterprise and Datacenter 1U Short SSD Form Factor Rev 1.5
- ※ Compliant with Gen-Z Scalable Connector Rev1.1

U.3 PCIe Gen 4, 16GT/s to Gen-Z 1C(EDSFF) Adapter

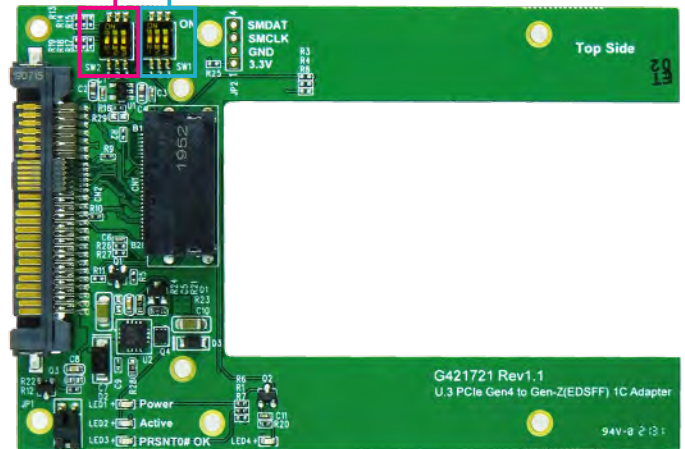
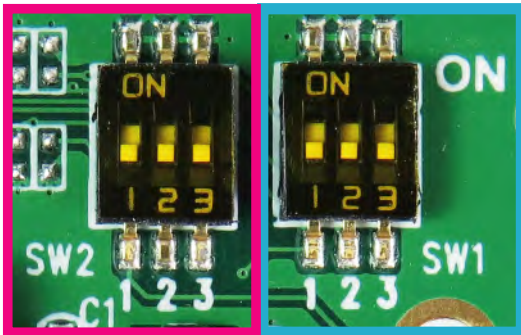
The switch settings of GD1407A are as follows

SW2 SETUP - DEVICE TYPE ENCODING

POS1	POS2	POS3	
PRSENT#	IfDet2#	IfDet#	
P10 pin	E6 pin	P4 pin	Device Type Installed
Gnd	Open	Gnd	SAS / SATA
Gnd	Open	Open	NVMe - (PCIe-HDD device)
Open	Open	Gnd	Quad PCIe(U.2)
Open	Open	Open	Bay Empty
Open	Gnd	Gnd	SFF-TA-1001 PCIe(U.3)
Open	Gnd	Open	Gen-Z

SW1 SETUP - NVMe SSD & SAS / SATA device switch

POS1	POS2	POS3	Definition
Dual port#	HPT1	HPT0	
E25 pin	E16 pin	S15 pin	
X	Gnd	Gnd	SAS / SATA
X	Open	Gnd	NVMe PCIe



Model No.: **GD1407A**

U.3 PCIe Gen 4, 16GT/s to Gen-Z 1C(EDSFF) Adapter