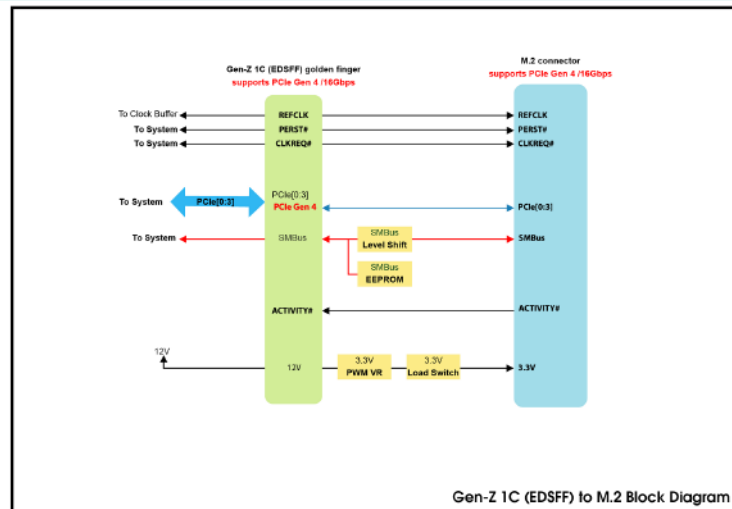




## PCIe Gen 4, 16GT/s Gen-Z 1C (EDSFF) golden finger to M.2 SSD Adapter



### Features

- ※ 4 Lanes of PCIe designated
- ※ 4-layer PCB designed
- ※ M.2 NVMe to Gen-Z 1C(EDSF) convert
- ※ Built-in Gen-Z 1C connector, pin-out defined by SFF-9402 Rev1.3
- ※ PWM synchronous buck converter Power for M.2 NVMe SSD
  - ◆ 4A maximum output current
  - ◆ Short circuit protection
  - ◆ n-rush current suppression
  - ◆ Thermal shutdown protection
  - ◆ ESD HBM (Human Body Mode)/2KV
- ※ Built-in power Load Switch with controlled turn on, can support a maximum continuous current of 4A
- ※ Supports CLKREQ#
- ※ Supports M.2 /1.8V to Gen-Z 1C/3.3V SMB\_CLK, SMBDATA Level Shift
- ※ Supports M.2 /1.8V to Gen-Z 1C/3.3V SMB\_CLK, SMB\_DATA isolated, repeater
- ※ Built-in SMBUS EEPROM 64KB
- ※ LED1 RED LED Blinking indicates M.2 active status
- ※ LED 2 Green LED on indicates M.2 NVMe SSD power ready
- ※ LED 3 Green LED on indicates Gen-Z 1C PRSNT#

### Specifications

- ※ Support PCI Express Base Specification Rev 4.0
- ※ Compliant with PCIe M.2 Specification Revision 3.0, Version 1.2
- ※ Compliant with PCIe SFF-8639 Module Specification Rev 3.0
- ※ Compliant with SFF-TA-1002 Rev1.3
- ※ Compliant with SFF-TA-1006 Enterprise and Datacenter 1U Short SSD Form Factor Rev 1.4
- ※ Compliant with Gen-Z Scalable Connector Rev1.1

### Supports the following form factor M.2(NGFF) SSD:

- ※ Type 2242-D2-B-M: 42mm(L) x 22mm(W)
- ※ Type 2260-D2-B-M: 60mm(L) x 22mm(W)
- ※ Type 2280-D2-B-M: 80mm(L) x 22mm(W)