

# ADAPTER

## U.2 (SFF-8639) to M.2(PCIe I/F)



### Features

- 4-Layer PCB designed
- Built-in SFF-8639 plug connector
- Built-in M.2 (NGFF) M-key receptacle connector
- LED2 ON indicate M.2/PCI-e 4 Lanes device power OK
- LED3 indicate active status
- Supports CLKREQ# functions to implement PCIe port circuit power on/off

### Specifications

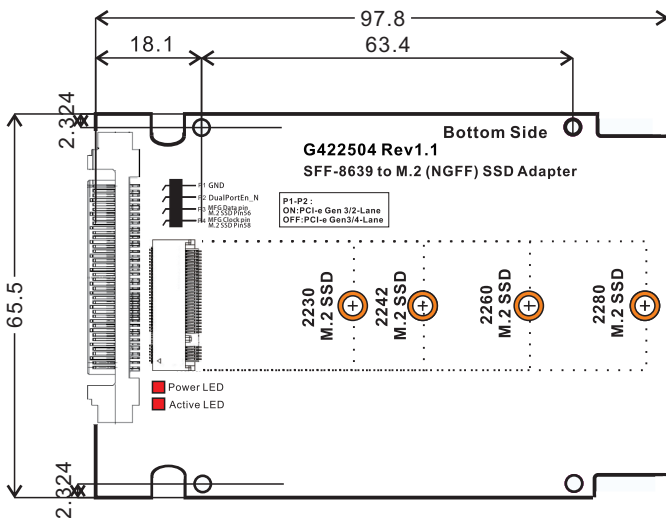
- PCI Express Base Specification Rev 3.0
- SFF 8639 Enterprise SSD Form Factor Version 1.0a
- PCI Express Card Electro-Mechanical\* (CEM) Specification Rev 2.0
- PCI Express M.2 Spec. Revision 0.7, Version 1.0
- NVMe Express 1.2a
- PWM synchronous buck converter Power IC
  - ※ 3.3V, 4A maximum output current
  - ※ Short circuit protection
  - ※ In-rush current suppression
  - ※ Thermal shutdown protection
  - ※ ESD HBM (Human Body Mode)/2KV
  - ※ ESD CDM (Charged Device Model) /500V

### Support M.2 M-key Form Factor

- Type 2280-D2-B-M: 80mm(L) x 22mm(W)
- Type 2260-D2-B-M: 60mm(L) x 22mm(W)
- Type 2242-D2-B-M: 42mm(L) x 22mm(W)
- Type 2230-D2-B-M: 30mm(L) x 22mm(W)

### Operating System Support:

- Windows 7\* 64 bit
- Windows 8\* 64 bit
- Windows 8.1\* 64 bit
- UEFI\* 2.3.1 or later



with standard 2.5" Aluminum Housing

PCI-e  
4 Lane

M.2  
PCIe I/F

U.2  
SFF-8639

