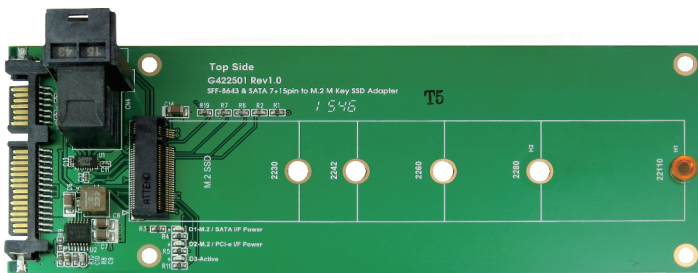


# ADAPTER

## SATA & SFF-8643 to M.2 SATA PCI-e I/F SSD



### Features

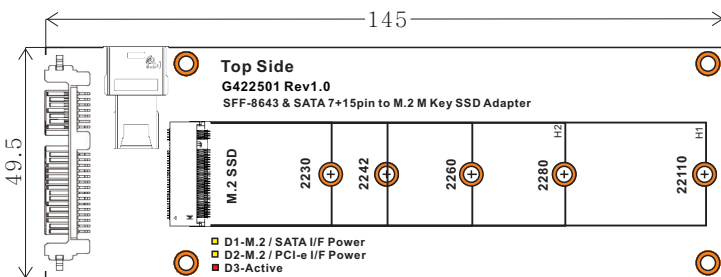
- M.2 (PCIe Interface) to Mini SAS HD(SFF-8643) PCI-e convert
- M.2 (SATA Interface) to SATA III/6Gbps convert
- Build in Mini SAS HD(SFF-8643) Female connector
- Build in SATA 7+15pin connector
- Build in M.2 (NGFF) M-key Female connector
- D1 on indicates M.2 / SATA III device power ready
- D2 on indicates M.2 / PCI-e 4 Lanes device power ready
- D3 indicates M.2 SSD active status

### Compliance

- NVM Express TM 1.0
- Support SATA Reversion 3.2
- PCI Express M.2 Spec. Revision 0.9, Version 1.0
- PCI Express Base Specification Rev 3.0
- PCI Express Card Electro-Mechanical\*(CEM) Specification Rev 2.0
- SFF-8643 Specification Rev3.5

### Power

- PWM synchronous buck converter Power IC for M.2 SSD
  - ✧4A maximum output current
  - ✧output overcurrent protection (OCP)
  - ✧Over/Under Voltage Protection
  - ✧Undervoltage lock out protection (UVLO)
  - ✧Thermal Shutdown



SATA

SFF  
8643

M.2  
SSD

