

# U.2 male to M.2 / M.3 NVMe SSD Adapter with 12V & 3.3V Aux Hot plug power protection & 3.5" Housing

## Features

- ※ M.2 NVMe to U.2(SFF-8639) convert
- ※ M.3 NVMe to U.2(SFF-8639) convert
- ※ Build in M.2 M-key Female connector
- ※ Build in SFF-8639 connector, pin-out defined by PCIe
- ※ 12V Hot Plug and Removal power protected circuit
- ※ 3.3VAux Hot Plug and Removal power protected circuit
- ※ PWM synchronous buck converter Power IC for M.2
  - ※ 4A maximum output current
  - ※ Short circuit protection
  - ※ In-rush current suppression
  - ※ Thermal shutdown protection
  - ※ ESD HBM (Human Body Mode)/2KV
- ※ Supports M.2 1.8V/ M.3 3.3V SMB\_CLK
- ※ Supports M.2 1.8V/ M.3 3.3V SMB\_DATA
- ※ Supports M.3 Dual ports, U.2 Dual ports
- ※ Supports PCIe RefClk0p, RefClk0n & RefClk1p, RefClk1n
- ※ Supports PCIe ePERst0, ePERst1
- ※ D1 Green LED on indicates M.2 NVMe SSD power ready
- ※ D2 RED LED Blinking indicates M.2 SSD active status

## Specifications

- ※ Compliant with NVM Express 1.0a
- ※ Support PCI Express Base Specification Rev 3.0
- ※ Support SSD\_Form\_Factor\_Version1\_a
- ※ Compliant with PCI Express M.2 Specification Version 1.0
- ※ Compliant with Samsung M.3 Datasheet\_v0.4
- ※ Compliant with SFF-8639 Specification Rev 2.0
- ※ Compliant with SFF-8331 Specification for 3.5" Form Factor Drive Dimensions

## M.2 SSD / M.3 SSD Form Factor Support :

- ※ 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)
- ※ Type 22110-D2-B-M: 110mm(L) x 22mm(W)
- ※ Type 305110: 110mm(L) x 30.5mm(W) HD)

