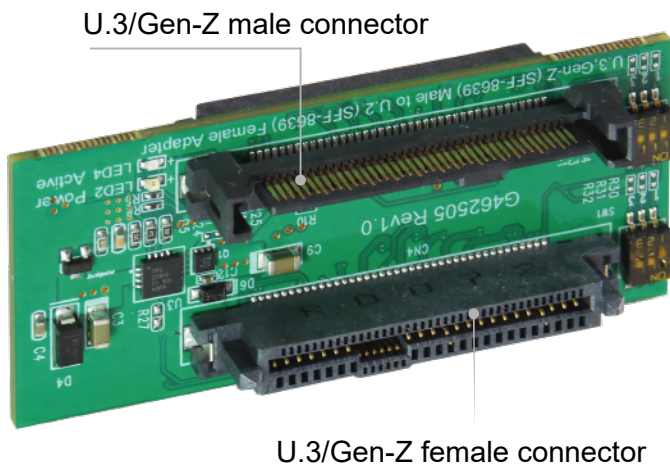
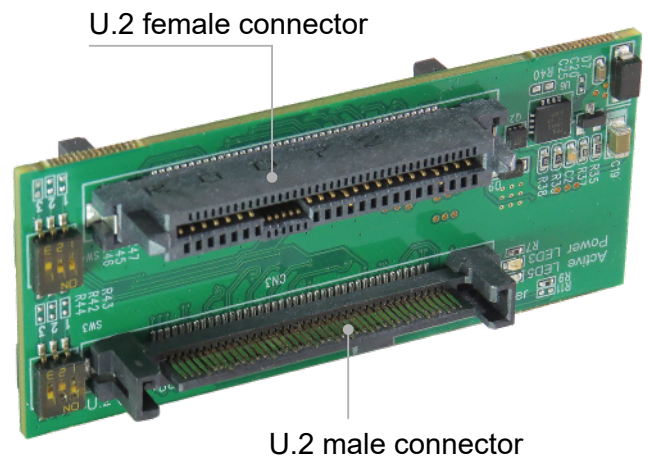


U.2(SFF-8639) Male to U.3/Gen-Z(SFF-8639) Female converter U.3/Gen-Z(SFF-8639) Male to U.2(SFF-8639) Female converter



Top side



Bottom side

Features

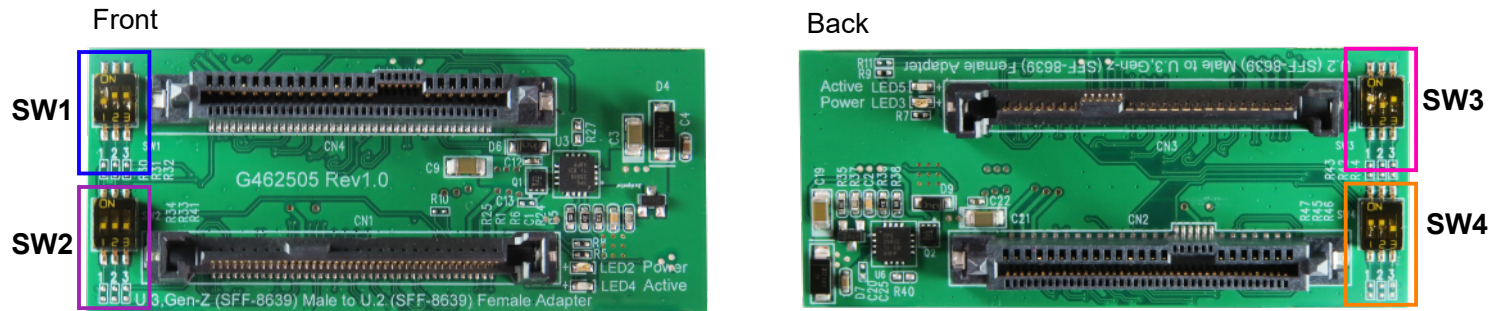
- ※ U.3/Gen-Z (SFF-8639) receptacle to U.2(SFF-8639) plug convert
- ※ U.2 (SFF-8639) receptacle to U.3/Gen-Z (SFF-8639)plug convert
- ※ Built in U.2(SFF-8639) connector, pin-out defined by PCI Express
- ※ Supports 3.3V SMB_CLK
- ※ Supports 3.3V SMB_DATA
- ※ Supports PWRDIS
- ※ 12V Hot Plug eFuse protection circuit
- ※ 3.3Vaux Hot Plug eFuse protection circuit
- ※ LED4, LED5 Red LED Blinking indicates SSD active status
- ※ LED2, LED3 Green LED on indicates power ready

Specifications

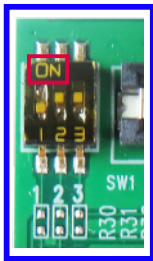
- ※ Compliant with NVM Express 1.2
- ※ Support PCI Express Base Specification Rev 3.0
- ※ Support SSD_Form_Factor_Version1_a
- ※ Compliant with SFF-8639 Specification Rev 2.1
- ※ Compliant with SFF-TA-1001 Rev 3.1

U.2(SFF-8639) Male to U.3/Gen-Z(SFF-8639) Female converter U.3/Gen-Z(SFF-8639) Male to U.2(SFF-8639) Female converter

The switch settings of **IR4265** are as belows



ON : Low/Gnd OFF : open

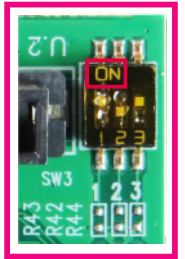


SW1 SETUP - DEVICE TYPE ENCODING

POS1	POS2	POS3	
PRCNT#	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

SW3 SETUP - DEVICE TYPE ENCODING

POS1	POS2	POS3	
PRCNT#	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



SW2 SETUP - NVMe SSD & SAS / SATA device switch

POS1	POS2	POS3	Definition
Dual port#	IfDet2#	IfDet#	
E25 pin	E6 pin	S15 pin	
X	Gnd	Gnd	SAS / SATA
X	Open	Gnd	NVMe PCIe

SW4 SETUP - NVMe SSD & SAS / SATA device switch

POS1	POS2	POS3	Definition
Dual port#	IfDet2#	IfDet#	
E25 pin	E6 pin	S15 pin	
X	Gnd	Gnd	SAS / SATA
X	Open	Gnd	NVMe PCIe

