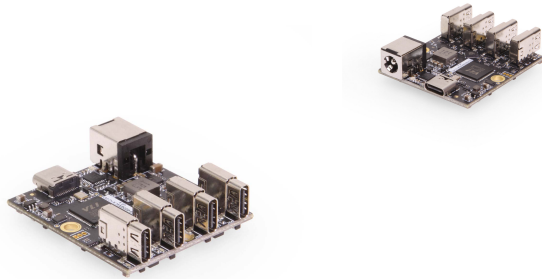**Technical Data Sheet** Rev 06-250416

4 Port Type-C USB 3.2 Gen 2 Micro Powered Hub PCBA w/ ESD Surge Protection

Model Number: **CG-822QX4CX1C-PD-PCBA**

Features

- Micro Hub with USB PD 15Watt DRP UFP Host Power and 900mA per Device Port
- 4 Downstream Type-C ports supporting Super-Speed (SS), High-Speed (HS) and Full-Speed (FS) traffic
- DC Jack Variable Voltage with narrow parameters due to space limitation +7~12V DC input *16V absolute max
- Self-Power or Bus Power operation possible *programming prior to shipment required
- ESD protected to ±15kV contact discharge on all DATA and CC lines

Package Contents

- PCBA

Specifications

OVERVIEW			
Product Note	This product is not compatible with Mac systems due to a firmware issue.		
Model No	CG-822QX4CX1C-PD-PCBA	**Product Type**	USB Hub
Compliance	None or N/A	**UPC**	045079164833
Country of Origin	China	**LED indicators**	Port Status | Power
Chipset	VL822	**Electrical Protections**	15kV
PHYSICAL			
Ship Weight (lbs)	0.32 lbs	**Ship Weight (kg)**	0.15 kg
Item Weight	0.044 lbs	**Length**	1.89 inches
Width	1.58 inches	**Height**	0.55 inches
Material	N/A	**Color**	Black
Mountable	Bare PCB		

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Specifications Cont.

CONNECTIONS	
USB Specification	USB 3.2 Gen 2
Upstream Port Type	USB 3.2G2 / 3.0 Type-C Female
Maximum Data Rate	10Gbps
Downstream Port Count	4
Downstream Port Type	4x Type C (Charging)
Can be Bus Powered	N - External Power Required
POWER	
Input Voltage	7 ~ 12V DC
Power Connector	DC barrel, 2.5 ID x 5.5 OD, Center Pin Positive
Idle Power Draw	57mA @ 5V / 35.6mA Bus Power
Max Per Port Draw	900mA
ENVIRONMENTAL	
Operating Temperature	0C ~ 55C
Storage Temperature	-20C ~ 75C
Operating Humidity	5% ~ 95% (non-condensing)
OS SUPPORT	
Supported Operating Systems	Linux | Windows 11 | Windows 10 | Windows 8 | Windows 7
WARRANTY	
Warranty Period	1 Year
PRODUCT URL	
Product Page	https://www.coolgear.com/product/4-port-type-c-usb-3-2-gen-2-micro-powered-hub-pcba-w-esd-surge-protection