

Technical Data Sheet Rev 05.230424

4 Port GL 3523 Hub PCBA w/ LED Indicators & High Current Output

Model Number: CG-3523A-PCBA



Features

- USB 3.2 Gen 1 compliant, ensuring super-fast 5Gbps data transfer
- 20kV ESD surge protection to keep connected peripherals safe
- Upstream: 1 USB Type-B connector
- Downstream: 4 USB Type-A connectors
- Power Connector: DC Barrel Connector 12 ~ 24V DC Input

Package Contents

- Hub - Board Only

Specifications

OVERVIEW

Model No	CG-3523A-PCBA
Product Type	USB Charger Hub
Compliance	None or N/A
UPC	045079163812
Country of Origin	China
LED indicators	Port Status Power
Chipset	GL3523
Electrical Protections	20KV

PHYSICAL

Ship Weight (lbs)	0.07 lbs
Ship Weight (kg)	0.03 kg
Item Weight	0.069 lbs
Length	1.97 inches
Width	1.88 inches
Height	0.72 inches
Material	FR-4 Glass Fiber
Color	Black
Mountable	Bare PCB

Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Maximum Data Rate	5 Gbps
Downstream Port Count	4
Downstream Port Type	4x Type A USB 3.2 G1 / 3.0
Works as Standalone Charger	Y - Can be used without Host
Can be Bus Powered	N - External Power Required
Bus Power Isolation Supports Disabling Bus Power	N

Power

Input Voltage	12 ~ 24V DC
Min Input Voltage	9v
Max Input Voltage (DO NOT EXCEED)	28v
Power Connector	DC barrel, 2.5 ID x 5.5 OD, Center Pin Positive
Idle Power Draw	180mA @12v Terminal - With Host 0mA @ 12v Terminal - No Host
Max Power Draw	40W
Max Per Port Draw	2.4A (12W)
Supported Charge Protocols	DCP

ENVIRONMENTAL

Operating Temperature	0C ~ 55C
Storage Temperature	-25C ~ 70C
Operating Humidity	5% to 95% RH

OS SUPPORT

Supported Operating Systems	OS independent - No software or drivers required
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WARRANTY

Warranty Period	1 Year
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PRODUCT URL

CG-3523A-PCBA Product Page	https://www.coolgear.com/product/4-port-gl-3523-hub-pcba-w-led-indicators-high-current-output
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