

Technical Data Sheet Rev 05.230315

# 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                                  | Y - Supports Bus Power       |
| Bus Power Isolation<br>Supports Disabling Bus Power | N                            |

### Power

|                                      |  |
|--------------------------------------|--|
| Input Voltage                        | 12 ~ 24V DC  |
| Min Input Voltage                    | 9v   |
| Max Input Voltage<br>(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)   |

### 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 |
|-----------------------------|--|

### WARRANTY

|                 |        |
|-----------------|--------|
| Warranty Period | 1 Year |
|-----------------|--------|

### PRODUCT URL

|                            |   |
|----------------------------|---|
| CG-3523A-PCBA Product Page | <a href="https://www.coolgear.com/product/4-port-gl-3523-hub-pcba-w-led-indicators-high-current-output">https://www.coolgear.com/product/4-port-gl-3523-hub-pcba-w-led-indicators-high-current-output</a> |
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