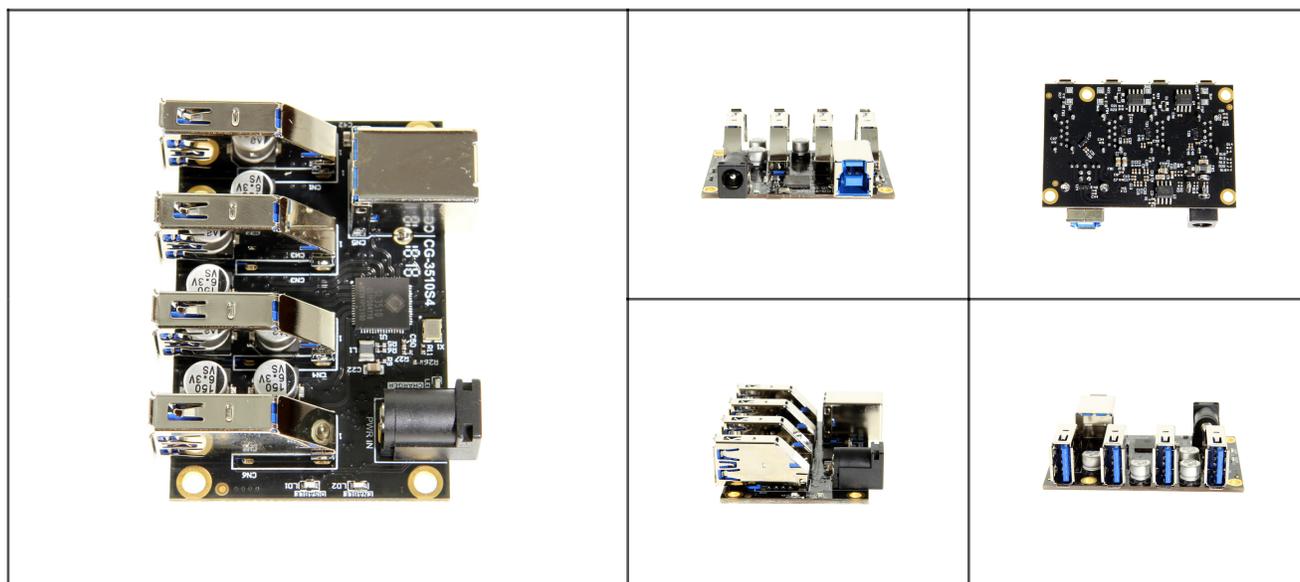**Technical Data Sheet**

USB 3.1 4 Port Mini Hub Component Board with ESD & Surge Protection

Model Number: CG-3510S4-Board   **Rev 01.200714**

Individual hub circuit board with ESD and Surge protection over each individual USB 3.1 port. USB 3.1 Mini 4 Port component board can be installed by itself in equipmnt or in different configurations for use. Compliant with USB 3.2 Gen1 with up to 5Gbps of data transfer speed.

Features

- Chip: GL3510
- Supporting Apple 1A/2.1A/2.4A and Samsung Galaxy devices fast-charging
- Automatic switching between self-powered and bus-powered modes
- Complies with USB-IF battery charging specification rev1.2
- Downstream devices can be charged while upstream VBUS is not present, which can be applied to charger applications

Product Information

- Model Number: CG-3510S4-Board
- Packing List:
  - Hub - Board Only

Specifications

OVERVIEW

Product Type	USB Hub
USB Specification	USB 3.2 Gen 1
Maximum Data Rate	5Gb/sec
Electrical Protections	±15kV (air), ±8kV (contact) ESD Protection
Mountable	N/A
Material	N/A
Compliance	RoHS

CONNECTIONS

Downstream Port Count	4
Downstream Port Type	4x Type A USB 3.2 G1 / 3.0
Power Input	5V DC

ENVIRONMENTAL

Operating Temperature	0C ~ 55C
Operating Humidity	5% to 95% RH
Storage Temperature	-20C ~ 75C

DIMENSIONS

Length	2.38 inches
Width	1.57 inches
Height	0.7 inches

OS SUPPORT

Supported Operating Systems	OS independent; No software or drivers required

WARRANTY

Warranty Period	1 Year

PRODUCT URL

CG-3510S4-Board Product Page	https://www.coolgear.com/product/usb31-4-port-mini-hub-component-board-with-esd-surge-protection

Coolgear, Inc.
5120 110th Ave N
Clearwater, FL 33760 USA

P: +1-727-209-1300
F: +1-727-209-1302

www.coolgear.com