Coolgear, Inc.
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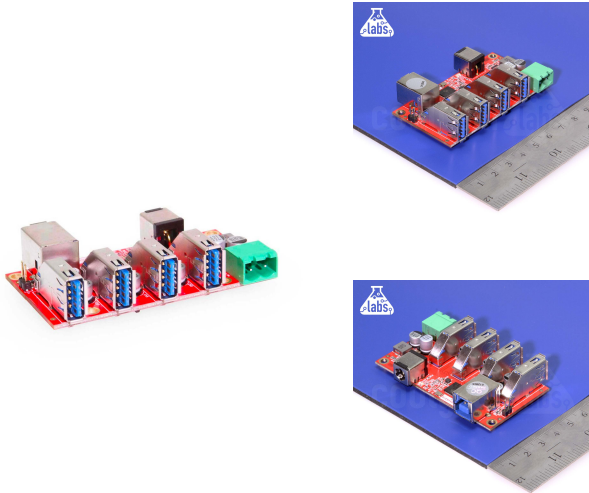**F:** +1-727-209-1302
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Technical Data Sheet Rev 06-250610

DEV Product | 4-Port USB 3.2 Gen 1 High Power & Current Mini Hub PCBA w/ ESD Surge Protection

Model Number: **CGL-3510X4AX1Bv01-DEV**

Features

- Intended for incorporating into equipment, assemblies, or a custom enclosure. Features a variable voltage input range of 8~26V DC (self or bus powered). Suited and tested in Automotive Applications with 12~24V power source.
- Utilizes USB IF Certified USB Hub Controller with Fully Qualified Driverless operation in most applications
- Upstream: 1 USB port, Type B connector
- Downstream: 4 USB ports, Type A connectors
- Power Connector: 2-Pin Terminal Block, DC Barrel 2.5mm ID ✕ 5.5mm OD, Center Pin Positive

Package Contents

- Hub - Board Only

Specifications

PRODUCT TERMS

Product Terms	**NOTICE: This product is currently under development and is only available for purchase in limited quantities to ensure availability for all customers wishing to evaluate the product. Development products are intended for evaluation and testing purposes only and are not meant to be treated as full, finished products. Designs may change at any time. For more information please refer to the Development Product Terms below.
Product Terms URL	https://www.coolgear.com/wp-content/uploads/2023/10/Coolgear_DEV_Product_Terms.pdf

OVERVIEW

Model No	CGL-3510X4AX1Bv01-DEV	**Product Type**	OEM Boards
Country of Origin	China	**LED indicators**	None or N/A
Chipset	GL3510	**Electrical Protections**	15kV

PHYSICAL

Ship Weight (lbs)	0.08 lbs	**Ship Weight (kg)**	0.04 kg
Item Weight	0.081 lbs	**Length**	2.87 inches
Width	1.57 inches	**Height**	0.67 inches

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Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Upstream Port Type	USB 3.2G1 / 3.0 Type-B Female
Maximum Data Rate	5Gbps
Downstream Port Count	4
Downstream Port Type	4x Type A USB 3.2 G1 / 3.0
Can be Bus Powered	Y - Supports Bus Power

POWER

Input Voltage	8 ~ 26V DC
Power Connector	Phoenix 2-pin
Max Per Port Draw	2.4A

ENVIRONMENTAL

Operating Temperature	0C ~ 60C
Storage Temperature	-20C ~ 70C
Operating Humidity	15% to 85% RH

OS SUPPORT

Supported Operating Systems	OS independent - No software or drivers required

PRODUCT URL

Product Page	https://www.coolgear.com/product/dev-product-4-port-usb-3-2-gen-1-high-power-current-mini-hub-pcba-w-esd-surge-protection

USB CHARGING & CONNECTIVITY EXPERTS

We Speak Your Speak

When you reach out to Coolgear support, you'll find yourself in the hands of a solution-oriented and knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

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