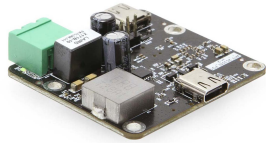


Technical Data Sheet Rev 06-250610

Labs Project | USB 3.2 Gen 1 Type-C to Type-C Power Delivery Injector PCBA w/ Data Amplifier IC

Model Number: CGL-PDINJ60W-DEV



Features

- Host computer is connected via USB-C input to the Injector unit where signal is amplified and joined with PD power delivery to provide a signal / power Type-C output to device.
- Wide range variable voltage input 9 ~ 24V DC and offering thermal protection, over-current, over-voltage, and ESD surge protection. Features high temperature components for industrial and commercial use.
- Downstream Port: USB Type-C connector for charging devices up to 60W.
- Upstream Port: USB-C input from Host computer, Standard USB Type-C connector for host.
- * Notice: This product does NOT support USB-C DisplayPort (DP/Video Alt Mode) and is intended for data and power functionality only.

Package Contents

- Charger - 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

Product Note	* Notice: This product does NOT support USB-C DisplayPort (DP/Video Alt Mode) and is intended for data and power functionality only		
Model No	CGL-PDINJ60W-DEV	Product Type	USB Charger Hub
Country of Origin	China	LED indicators	None or N/A
Electrical Protections	N/A		

PHYSICAL

Ship Weight (lbs)	0.04 lbs	Ship Weight (kg)	0.02 kg
Length	1.93 inches	Width	1.78 inches
Height	0.52 inches		

Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Upstream Port Type	USB 3.2G1 / 3.0 Type-C Female
Downstream Port Count	1
Downstream Port Type	1x Type C USB 3.2 G1 / 3.0

POWER

Input Voltage	9 ~ 24V DC
Power Connector	Phoenix 2-pin

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

Product Page	https://www.coolgear.com/product/labs-project-usb-3-2-gen-1-type-c-to-type-c-power-delivery-injector-pcba-w-data-amplifier-ic
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USB CHARGING & CONNECTIVITY EXPERTS

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