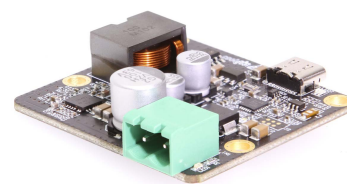
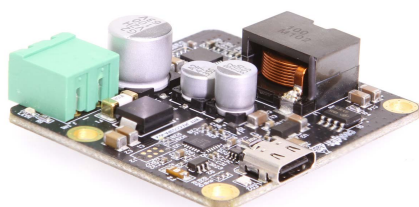




# ChargeIT! Mini 82W USB Type-C PD Charger PCBA w/ 24~48V DC Input



Model No. CG-PDHV82W-PCBA



This High Power Single Port USB Type-C charging board that complies with the latest USB-C and PD standards. Intended for use in PC power adapters, mobile chargers, car chargers and power bank applications. This charging board provides one 82W USB Type-C PD port.

- USB Type-C PD with PD 3.0 support
- BC v1.2, Apple Charging, AFC, Qualcomm Charging 4.0, QC3.0, QC2.0, Huawei FCP/SCP
- Utilizes CCG3PA and SIC461 BUCK
- Input Voltage Range of 24 ~ 48V DC
- Extensive protection including ESD, over/under current, and short circuit protection
- Jumper will dampen input power to 65W if the source does not have ample amperage to provide power
- PD Profiles: 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-4.2A

Interested? [LEARN MORE](#) →



## Questions? Speak to an engineering expert today!

Our on site engineers are ready to help you with your build.

☎ [1-727-209-1300](tel:1-727-209-1300) (Local) ✉ [expert@coolgear.com](mailto:expert@coolgear.com)



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

**We're Ready For Integration, Every Time.** - Coolgear streamlines the task of selecting charging and connectivity products. For over 20 years our rugged, off-the-shelf USB hubs and serial products are ready to go for your next project.

**Within every great machine, lives Coolgear.** - At Coolgear, we're just as passionate about building great products as you are. That's why we aim to meet or exceed your build specs every time.,

**Advanced Engineering** - Coolgear painstakingly sources high-quality components, oversees all manufacturing methods, and conducts rigorous testing to ensure all our products are industrial-grade. This means greater duty cycle, zero data loss, and longer lasting builds. We promise.,

# PRODUCT SPECIFICATIONS

Looking for product documentation?

[View CAD Models, Data sheet and Drawings here >](#)



Performance	ESD Protection	15KV Surge Protection
	Over Current Protection	Y
	Over Voltage Protection	Y
Hardware	Charging Protocols	AFC, BC 1.2, QC3.0, QC4.0, Apple, QC2.0
Power	Input Voltage	+24~48V DC
	Over Current Protection	Y
	Over Voltage Protection	Y
USB	Power Source	2-Pin Terminal Block
	USB Type	Type-C
Compliance	Country of Origin	China
Other Data	UPC	045079163782
	Chip Model	Cypress CCG3PA, SIC461 Buck
	Weight	0.0375 lbs
	Dimensions	1.93 × 1.78 × 0.52 in

## Ready to Buy? Let's get to work!

**Purchase order** lets set you up.

**Online with Credit card** Orders shipped same day!

\*orders placed prior to 3:30pm EST

📞 **1-888-688-2188 (Toll free)**

✉ **sales@coolgear.com**