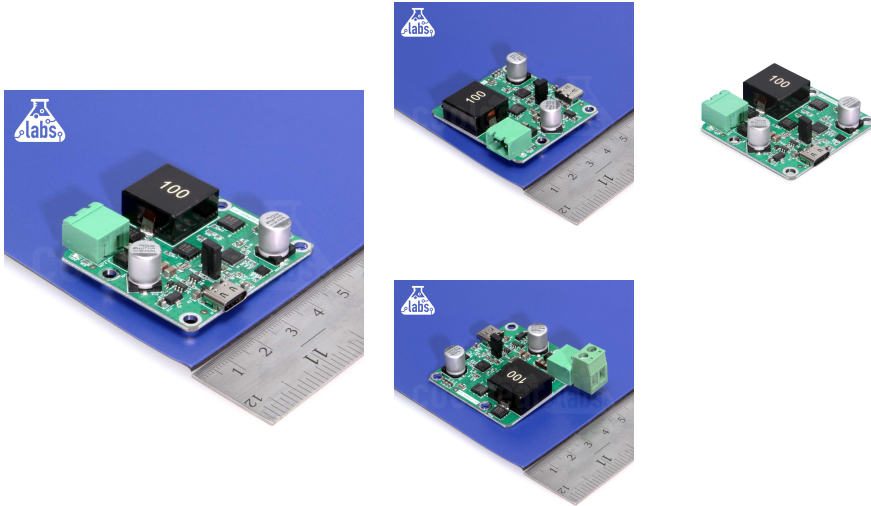


Technical Data Sheet Rev 06-240904

# ChargeIT! Mini 140W USB Type-C PD Charging Board w/ EPR Support

Model Number: WTF-1xIP6557V100-DEV



## Features

- 140W USB PD3.1 Single Port Type C EPR 28V capable Buck-boost DC adapter
- Output Voltage and Current - SPR: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A. EPR: 28V/5A
- Supports most PD protocols including PD3.1, PPS, QC4.0+, BC1.2, etc.
- Comprehensive system protections such as OVP, OCP, SCP, and open loop
- With Introduction of Extended Power Range "EPR" USB Power Delivery this super compact 16-28V DC Input 140W USB C Power Adapter offers fast charging speeds

## 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	<a href="https://www.coolgear.com/wp-content/uploads/2023/10/Coolgear_DEV_Product_Terms.pdf">https://www.coolgear.com/wp-content/uploads/2023/10/Coolgear_DEV_Product_Terms.pdf</a>

### OVERVIEW

Model No	WTF-1xIP6557V100-DEV
Product Type	OEM Boards
Country of Origin	China
LED indicators	None or N/A
Electrical Protections	15KV

### PHYSICAL

Ship Weight (lbs)	0.04 lbs
Ship Weight (kg)	0.02 kg

**Specifications Cont.**

**CONNECTIONS**

Downstream Port Count	1
Downstream Port Type	1x Type C (Charging)

**POWER**

Input Voltage	16 ~ 28V DC
Supported Charge Protocols	Apple Charge 2.4A   BC 1.2   DCP   PD   PPS   QC 4.0 / 3.0 / 2.0

**ENVIRONMENTAL**

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

**OS SUPPORT**

Supported Operating Systems	OS independent - No software or drivers required
-----------------------------	--

**WARRANTY**

**PRODUCT URL**

Product Page	<a href="https://www.coolgear.com/product/chargeit-mini-140w-usb-type-c-pd-charging-board-w-epr-support">https://www.coolgear.com/product/chargeit-mini-140w-usb-type-c-pd-charging-board-w-epr-support</a>
--------------	---

**Participate in our product development process!**

Preview and purchase upcoming projects from Coolgear Labs. Play a direct role in helping us bring these prototypes to life. Your personal input would be crucial in this process, and we would be excited to have you on board.

[Learn More](#)

