

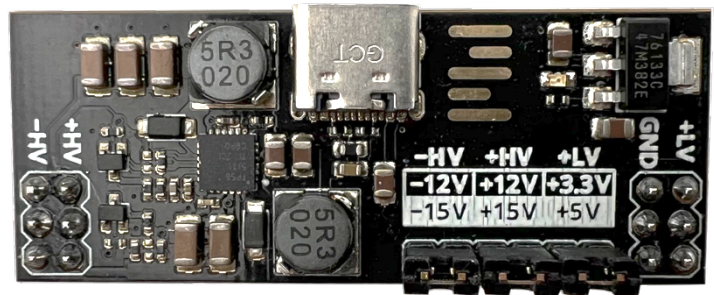


USB-C Power Breakout

Multi Output DC/DC Breakout for symmetrical supply voltages

Features

- 2 symmetrical DC supply voltages
- 2 higher current supply voltages
- Selectable via jumper for each voltage
 - $\pm 12V$ DC Jumper OFF
 - $\pm 15V$ DC Jumper ON
 - $+3.3V$ DC Jumper OFF
 - $+5.0V$ DC Jumper ON
- No USB-C Power delivery required; works with any USB-C supply/cable
- Maker: Verified by the creators
- Fast symmetric power supply for operational amplifier designs



Applications

- Split-Rail- power supply
- OP-Amps
- ADC/DAC
- Industrial and Maker development



Specifications

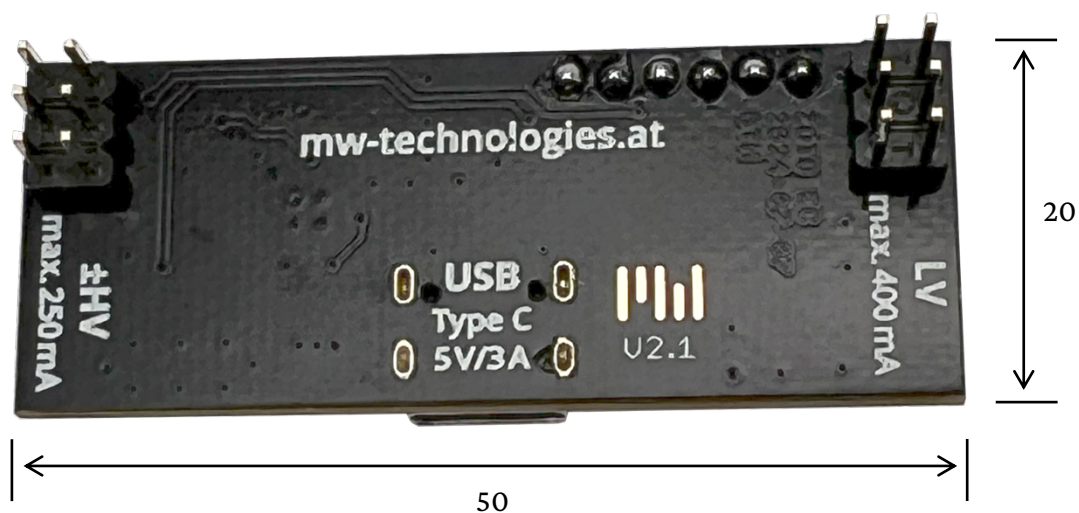
Electrical Data

All specifications at $T_A = 25\text{ °C}$ unless otherwise noted.

Parameter	Min.	Typ.	Max.	Unit	Conditions/Comments
Operating temperature	0		50	°C	
Input voltage reference					
Reference voltage ¹	4.75	5.0	5.25	V	
Output voltage					
Output HV -12V	-11.64	-12.0	-12.36	V	
Output HV 12V	11.64	12.0	12.36	V	
Output HV -15V	-14.55	-15.0	-15.45	V	
Output HV 15V	14.55	+15.0	15.45	V	
Output HV 3.3V	3.201	+3.3	3.399	V	
Output HV 5V	4.85	+5.0	5.15	V	
Power supply					
Current HV	248,75	250	251,25	mA	
Current LV	398	400	402	mA	

1) Typical USB-C input without power delivery function.

Mechanical Data

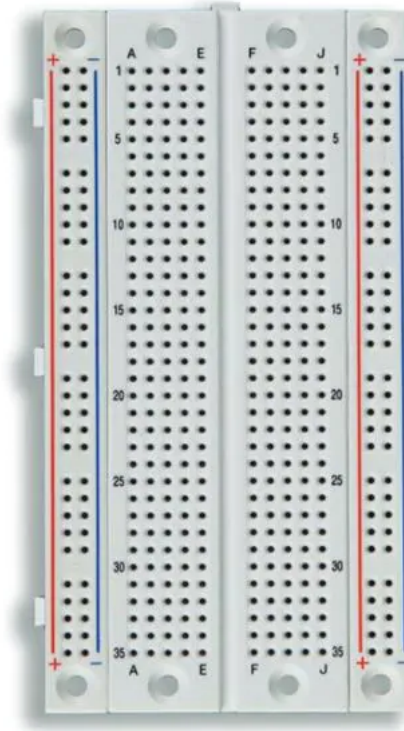


- [1] All dimensions are in millimeters.
 (tolerance : ± 0.2)
 [2] Scale : freestyle
 [3] This drawing without tolerances
 are for reference only

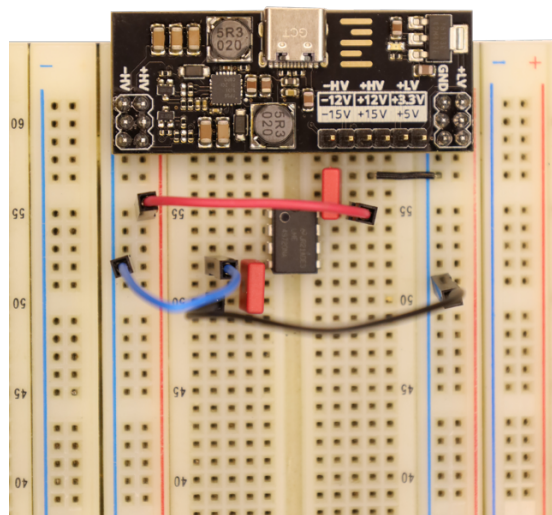


Typical Applications

Power supply on a breadboard



The USB-C Power Breakout Board is compatible with 2.54mm pitch boards measuring 82x54x9mm or similar prototyping boards.



Ordering

<i>Product/Replacement part</i>	<i>Order number</i>
USB-C Power Breakout	730002

Revision History

2026-02-20	Rev. 0: Initial Version

Disclaimer

All product, product specifications and data are subject to change without notice.

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