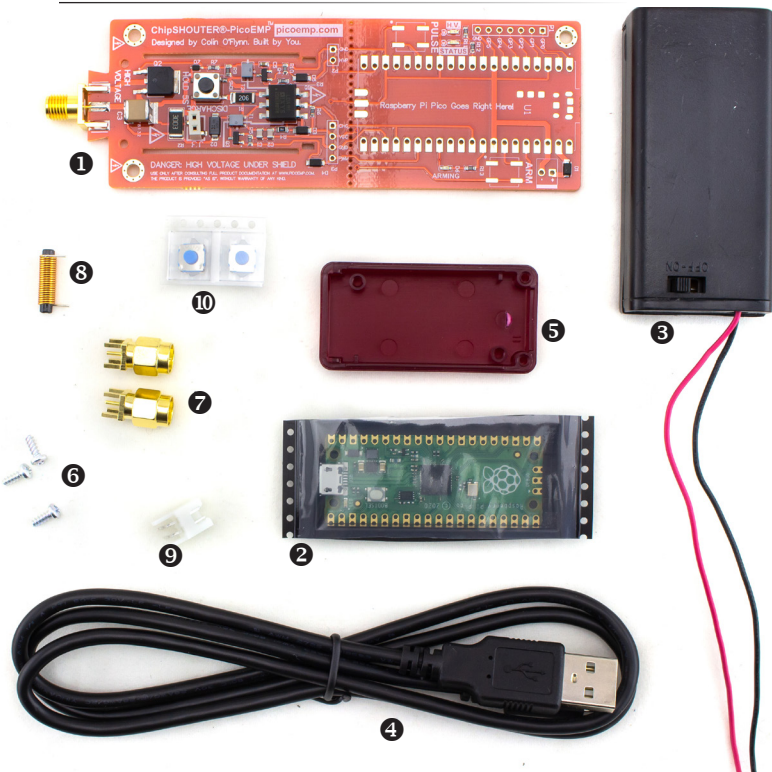


ChipSHOUTER®

PicoEMP Kit



Packing List

- ① Partially assembled, fully tested main board
- ② Raspberry Pi Pico (for you to solder)
- ③ AA battery holder
- ④ Micro USB cable
- ⑤ Shield (may already be installed)
- ⑥ Screws for shield (2 required) (may be installed already)
- ⑦ Female SMA connectors
- ⑧ Ferrite core inductor
- ⑨ Battery connector (for you to solder)
- ⑩ Pushbuttons (for you to solder)

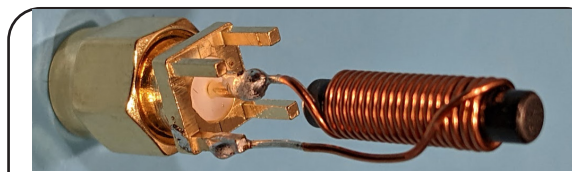


Suggested Assembly

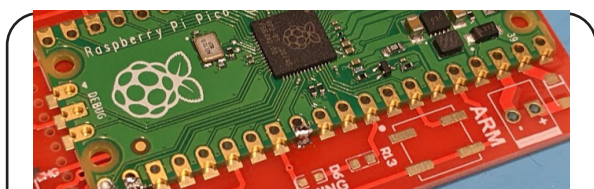
You may find it easier to change the assembly order depending on how you build the unit.



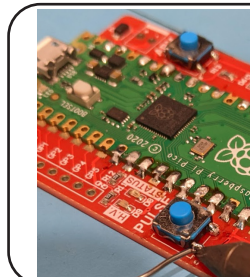
Snap the shield down. Be sure it fully seats on all sides & insert screws from rear. Screws will "bite" into the PCB.



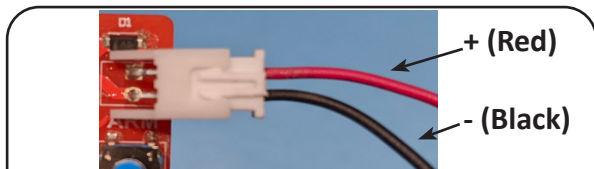
Unwind a few turns from the ferrite, and **solder to the SMA connector.**



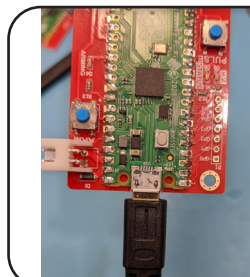
Solder the Raspberry Pi Pico down. CHECK ALIGNMENT CAREFULLY. You can solder this on header pins if you prefer.



Solder the 2 push buttons. If you are mounting the Raspberry Pi Pico on pins, you may find it easier to solder the push buttons first.



Solder the battery header on. Check the AA battery holder polarity is as marked (the manufacture isn't always reliable).



Follow guides for programming the Raspberry Pi Pico.
www.PicoEMP.com

Use USB for programming only. #picoEMP