

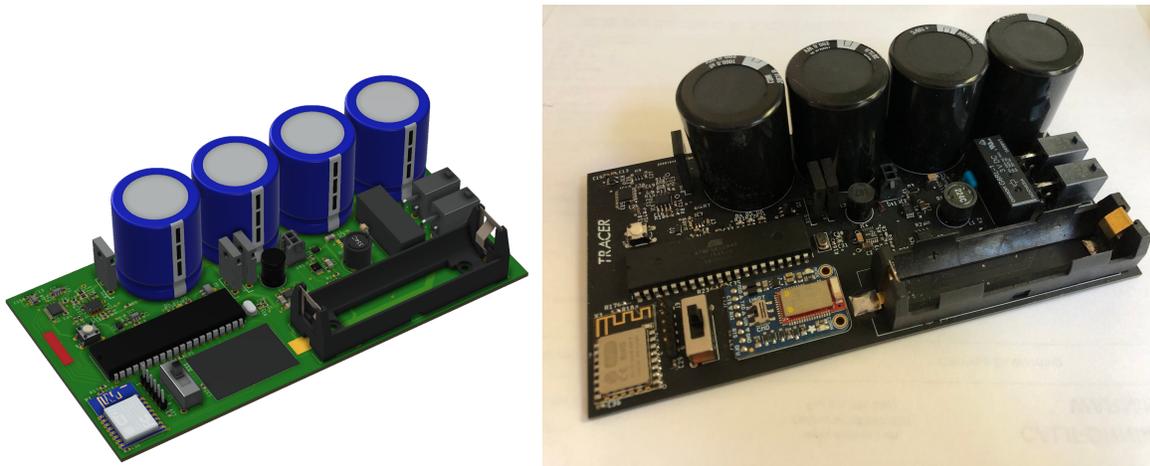
FIRSTWATT

Technical Assistance Request

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The most immediate way in which the American Made network could help First Watt would be in the ongoing development of our I-V Curve Tracer prototype - TRACER.

The experience of the network members, both private and based with the national labs, in designing experiments to determine the electrical characteristics of measurement systems would be incredibly helpful. As development of our I-V tester continues, we will want to ensure that our expected precision from component datasheets and first principles math doesn't deviate too much from reality.



Next, we will need to consider productizing our design - designing robust enclosures, anticipating component failures, etc. Any knowledge (especially procedures or best practices) we can learn from the American Made network will hopefully save us time and energy.

Finally, our team will eventually need to consider the various certifications necessary to get our product in the hands of real users. These certifications are known to be long and expensive, so it is important we are apply only once we are confident in our designs. The opportunity to work with engineers that have gone through the process before to review our devices could potentially be an invaluable asset.