

Printed Circuit
Boards

Blaise Thompson

Constructing a
Circuit

PCBs

Ideas

Printed Circuit Boards

Department of Chemistry Training

Blaise Thompson

University of Wisconsin–Madison

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Printed Circuit
Boards

Constructing a Circuit

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Circuit

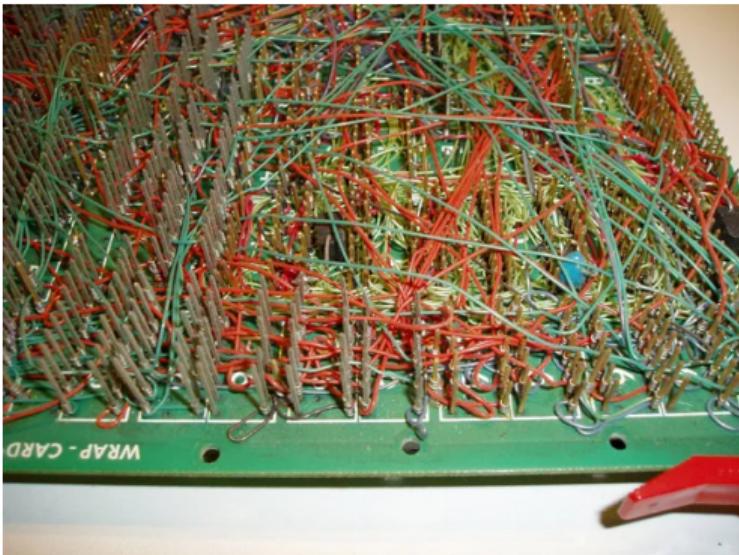
PCBs

Ideas



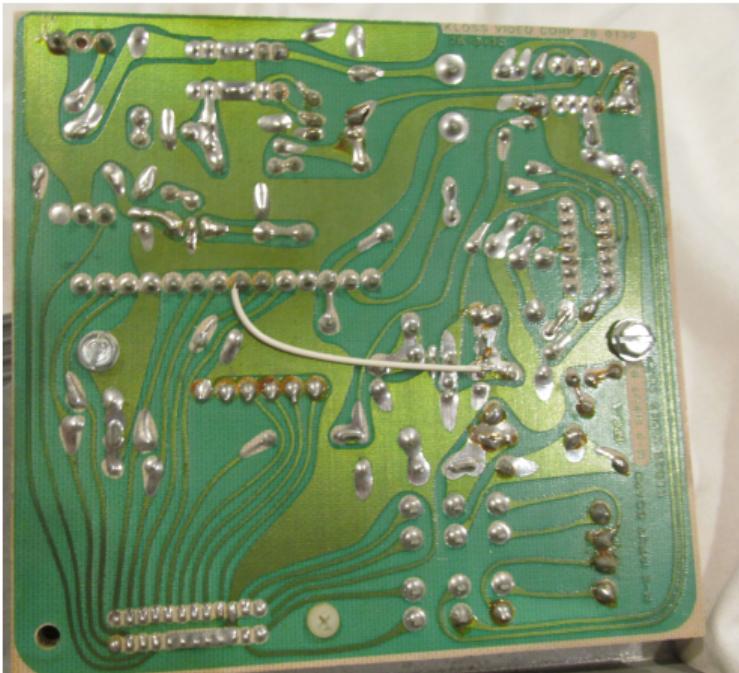
Motorola TV Circa 1948





Wire wrapping was common for low-voltage signals, scientific applications.





Constructing a Circuit

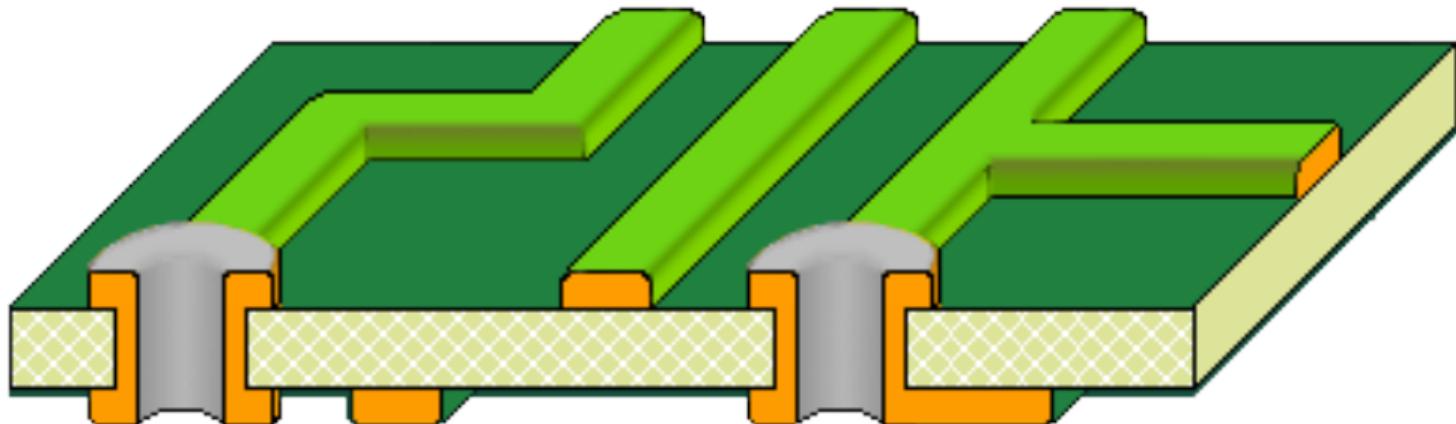
Early printed circuit boards were drawn by hand.
https://commons.wikimedia.org/wiki/File:Hand_Etched_PCB.png

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Our PCBs

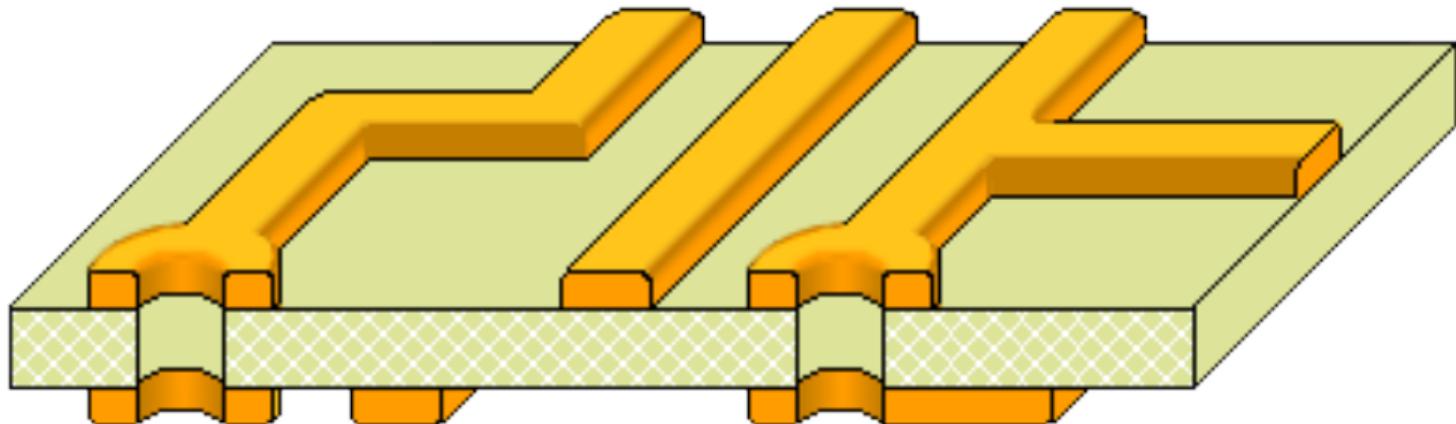
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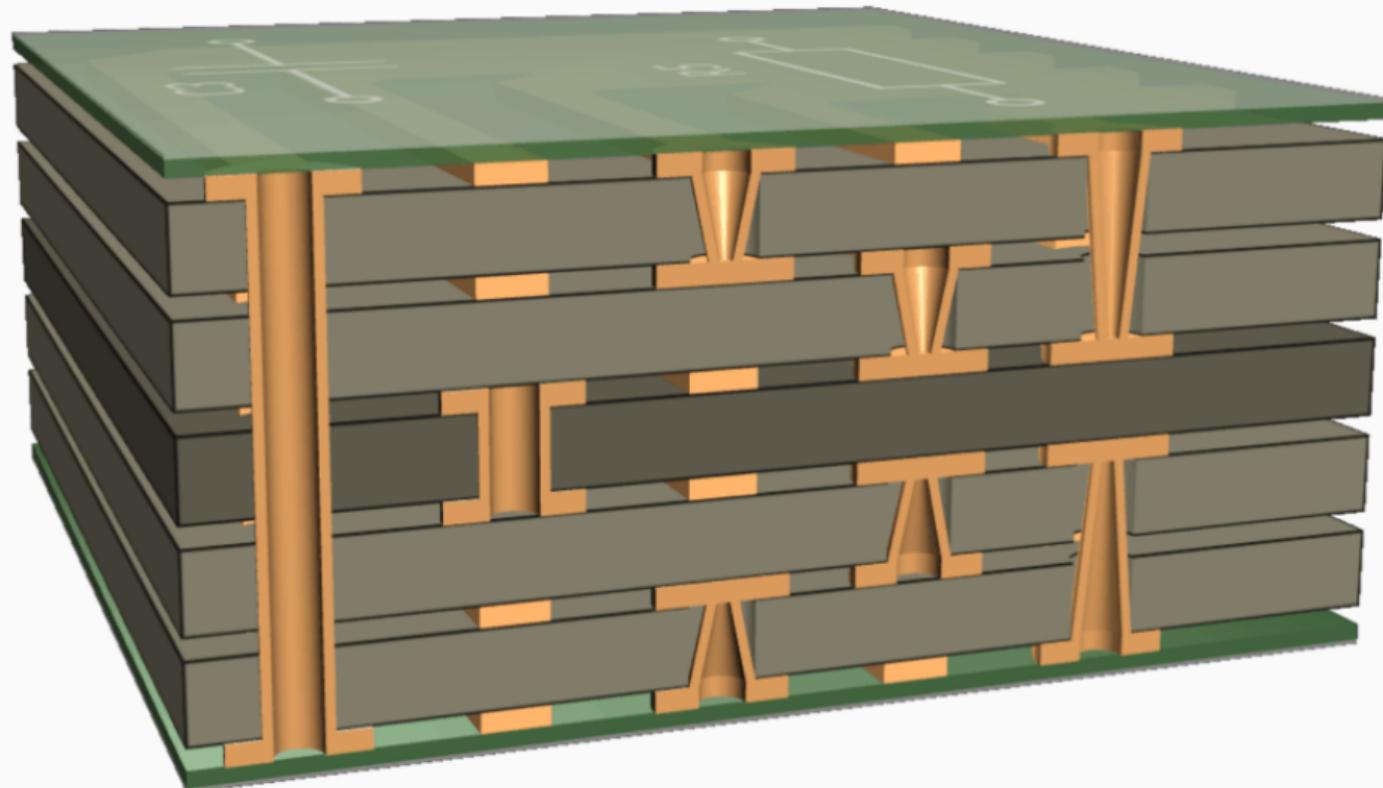


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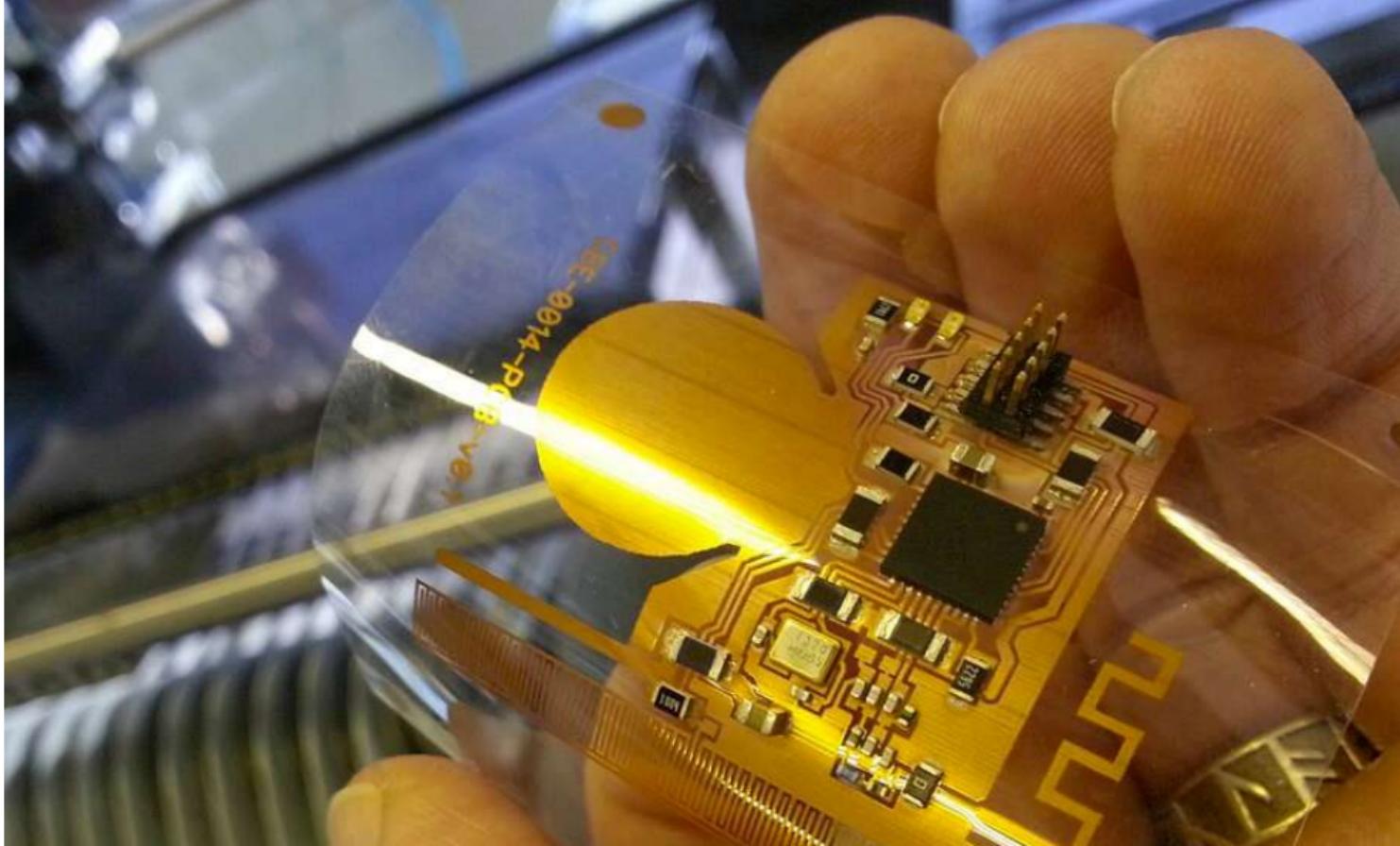
Vertical Section of Vias in PCB. Image credit: Altium

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What can you do with circuit boards?

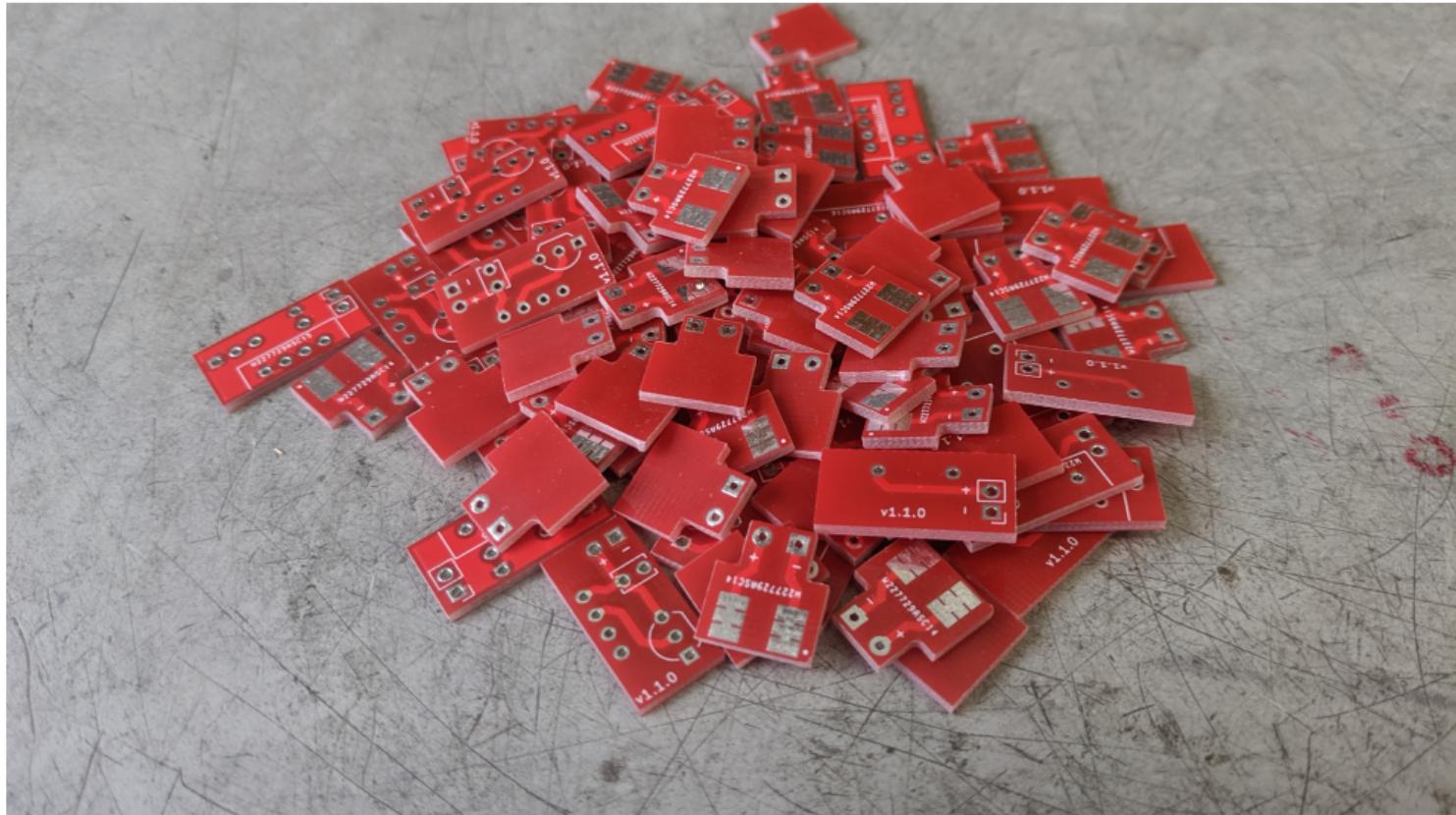


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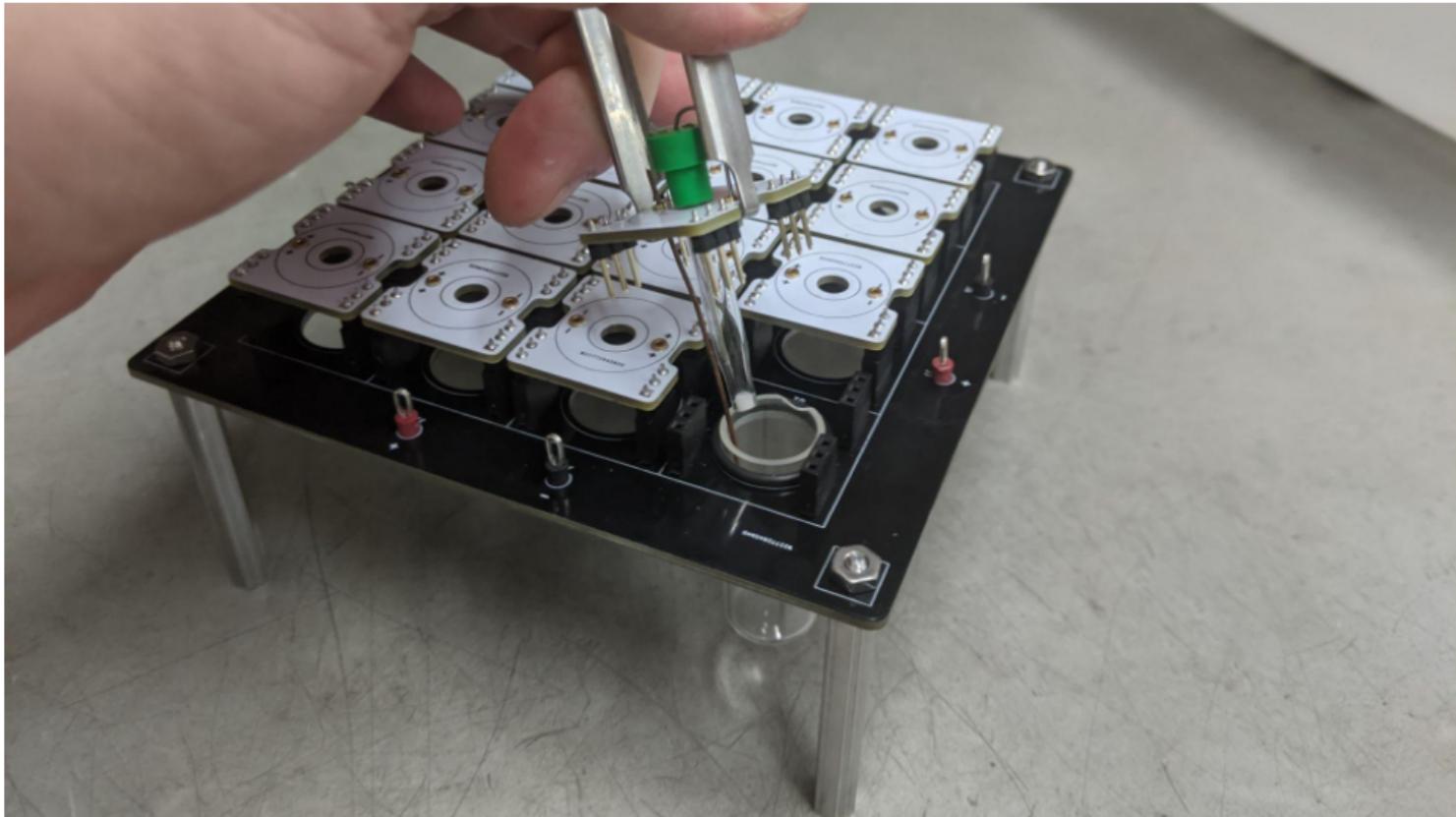


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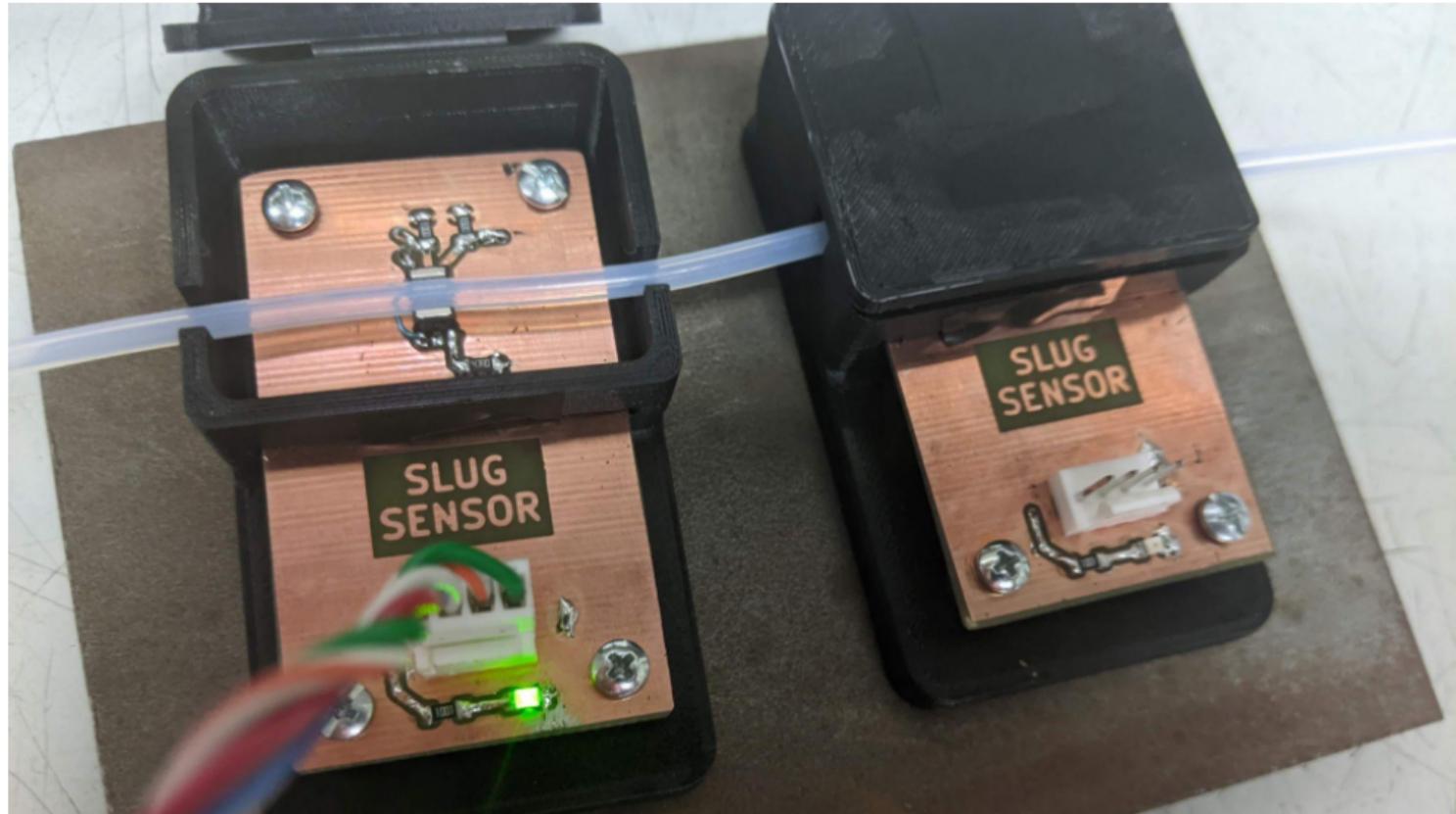


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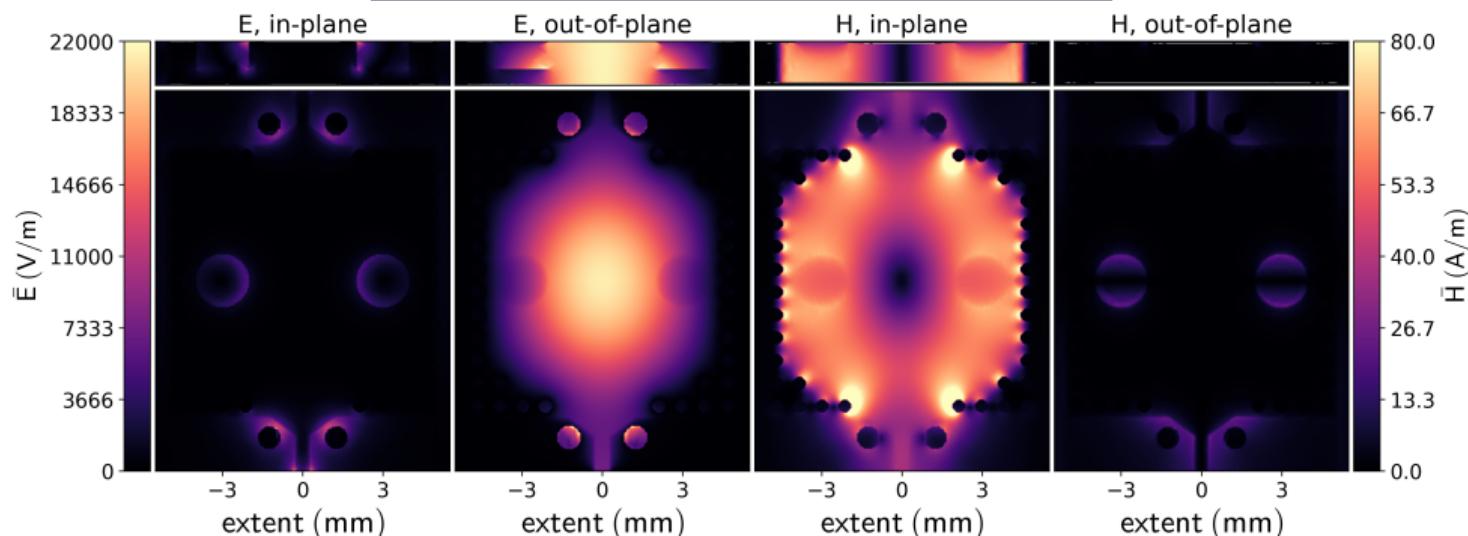
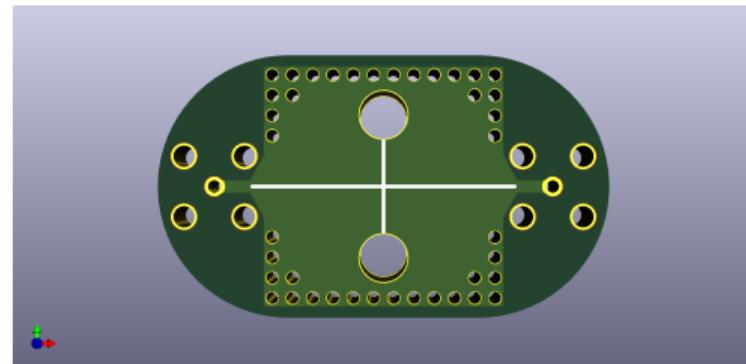


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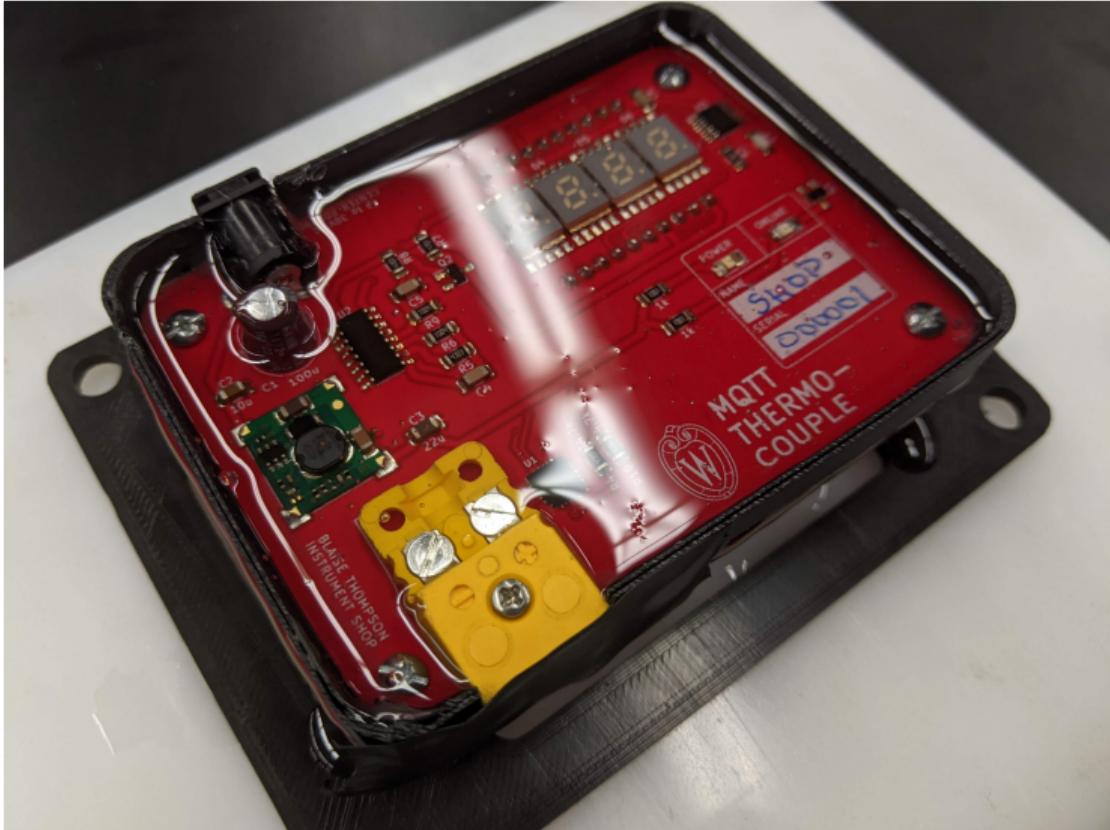


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Fun

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