

PACKSTATION



**shack**  
stuttgart hackerspace





**Massachusetts  
Institute of  
Technology**







“A hacker is someone who’s trying to  
find a way to make toast... with a  
coffee machine” -- Wau Holland



hackerspaces



1000 active hackerspaces world wide

















# Creative Avalanche

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acute interest

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acute interest



develop a basic  
approach

# Creative Avalanche

acute interest



develop a basic  
approach



knowledge  
sharing

# Creative Avalanche

acute interest

knowledge  
recombination

develop a basic  
approach

knowledge  
sharing



# Creative Avalanche

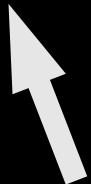
acute interest



knowledge  
recombination



develop a basic  
approach

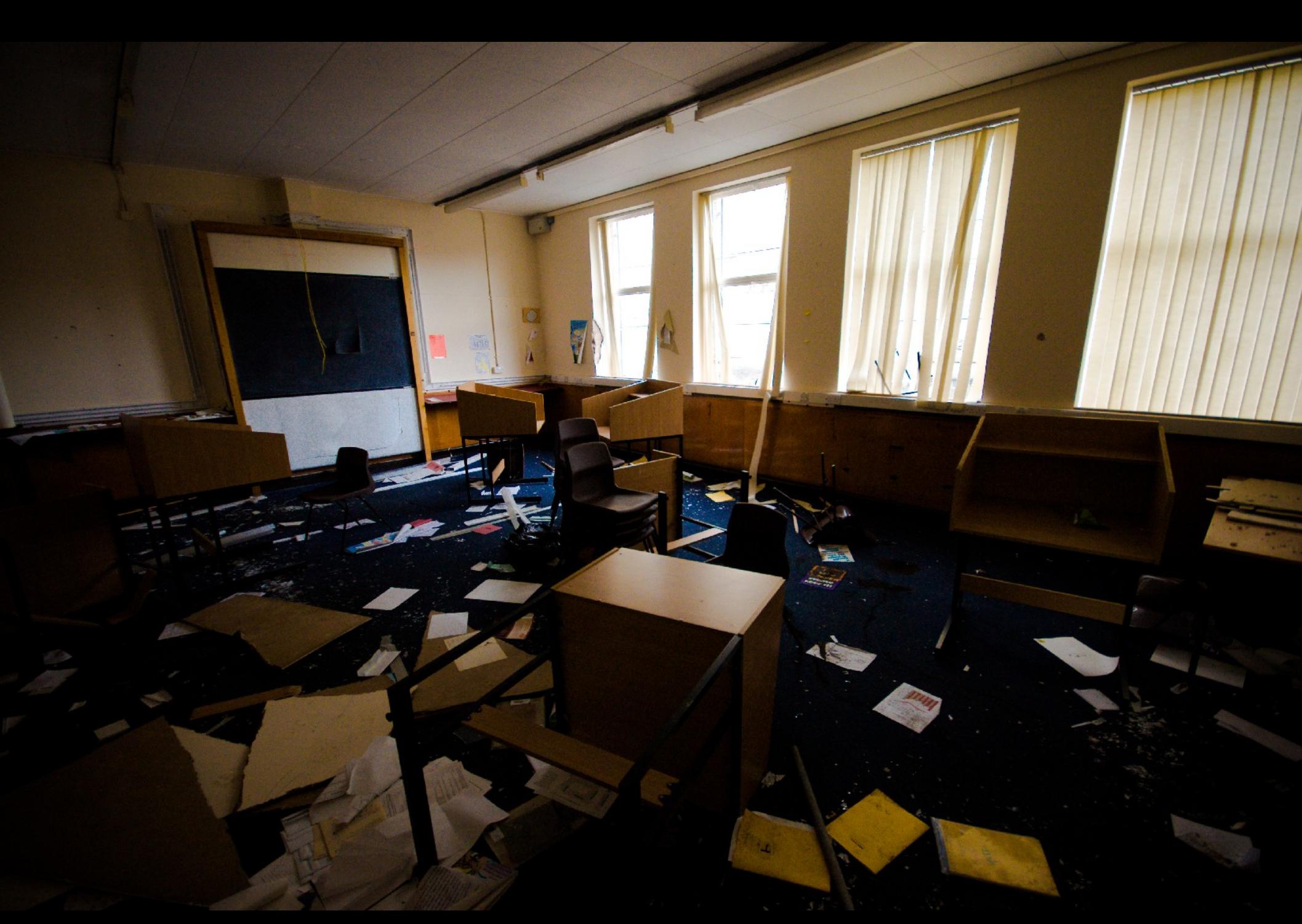


knowledge  
sharing

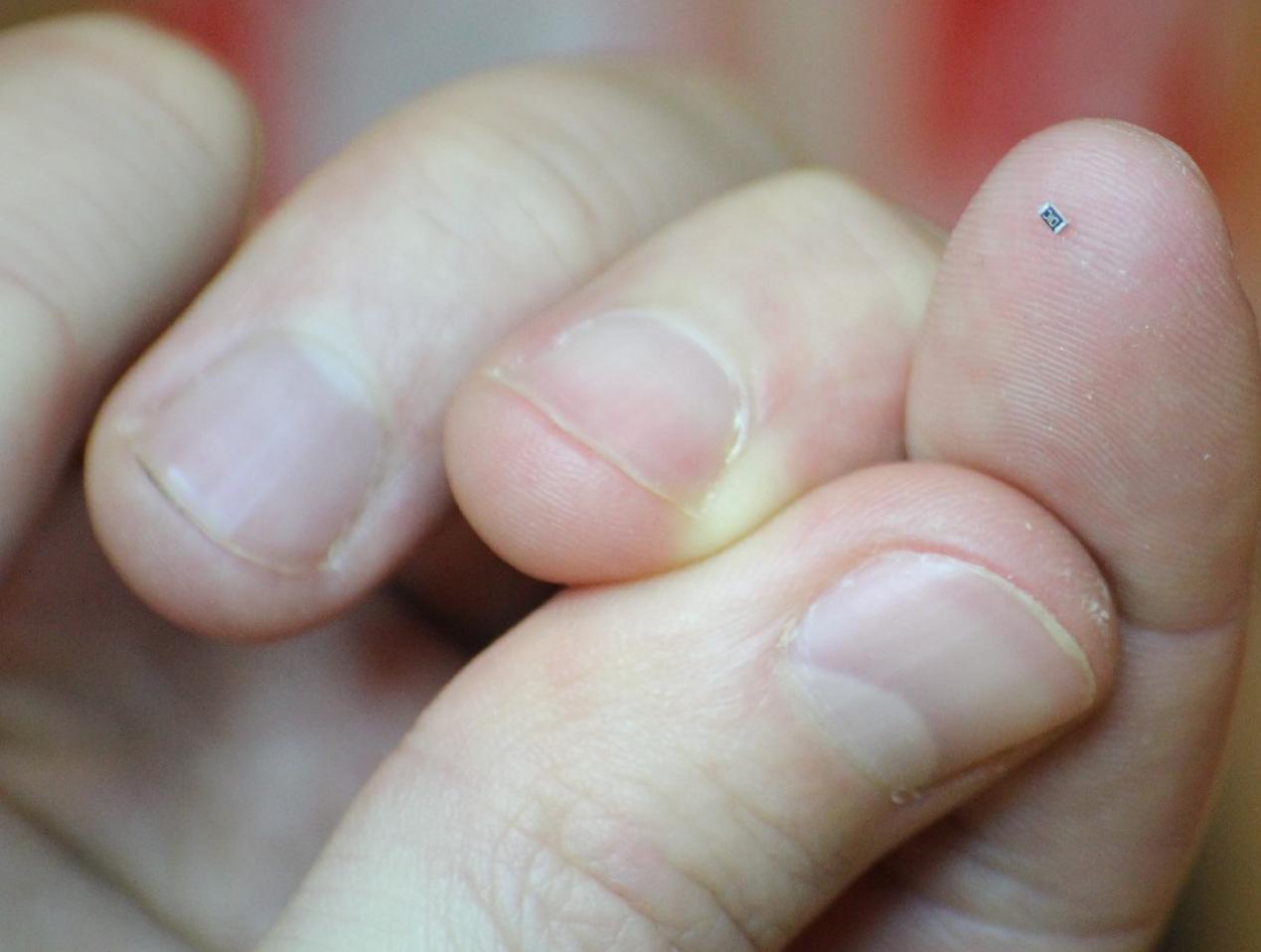
# Creative Avalanche

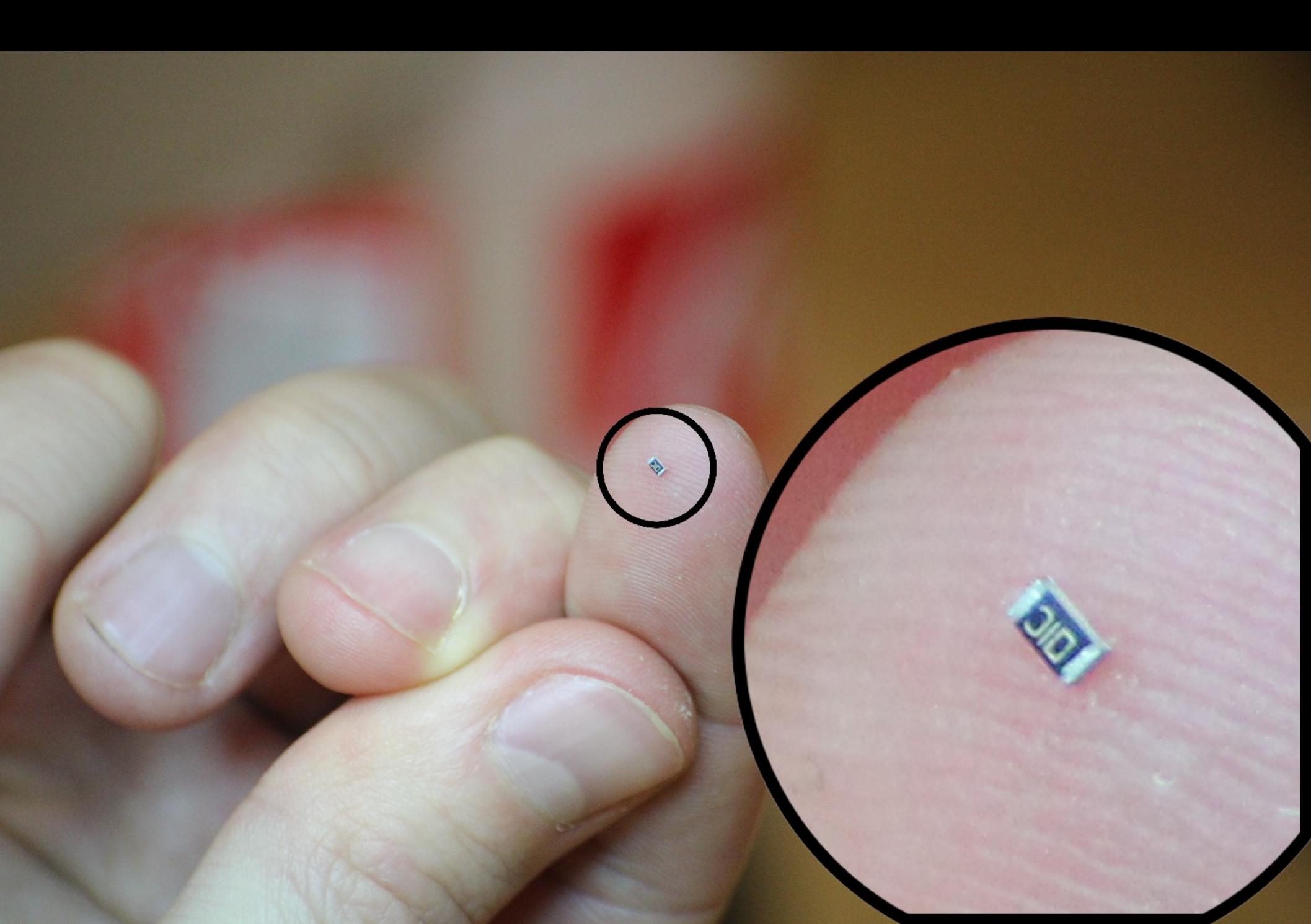
## Requirements

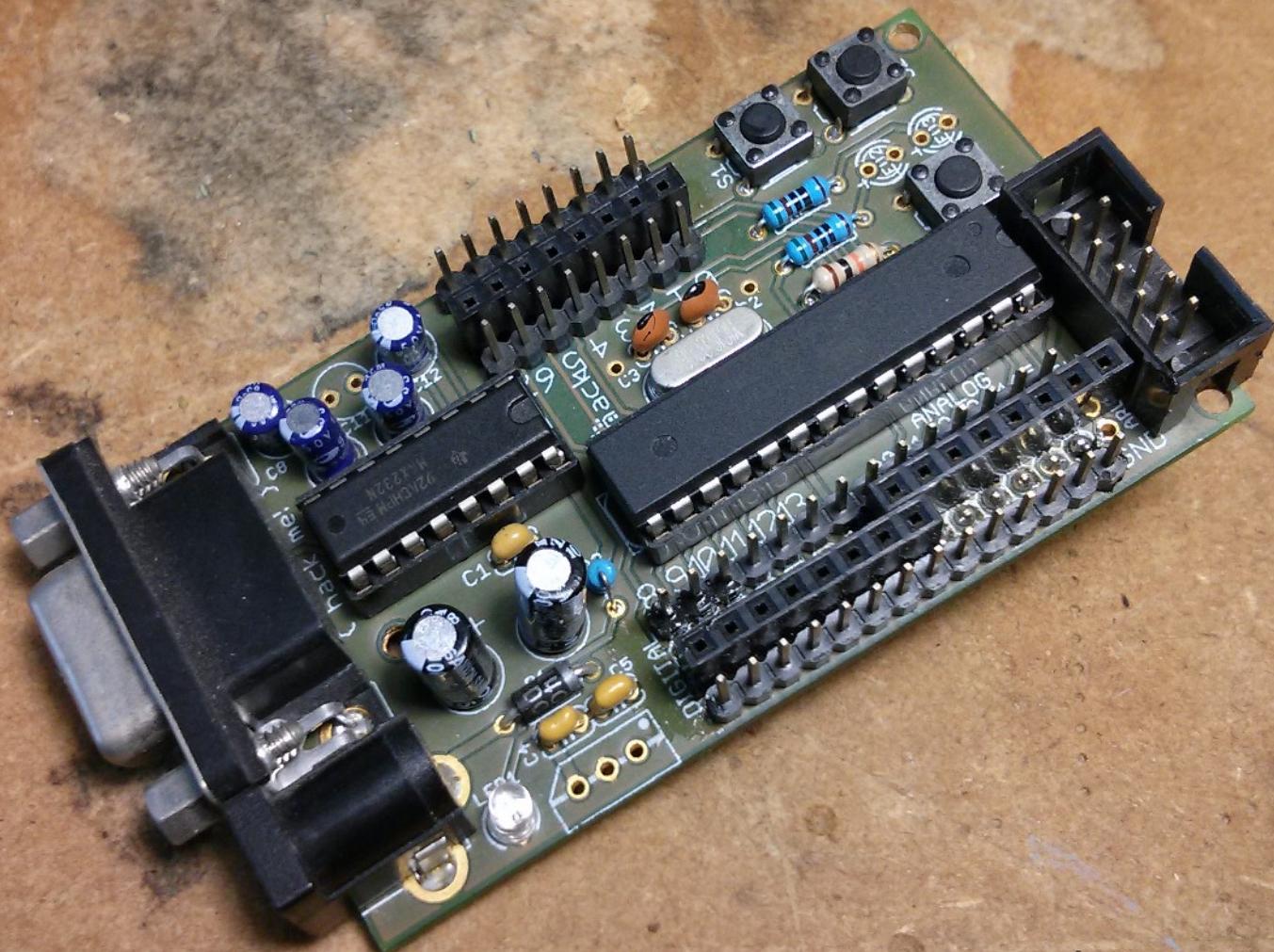
- informal environment
- like-minded people
- no pressure to succeed
- nothing stopping its momentum

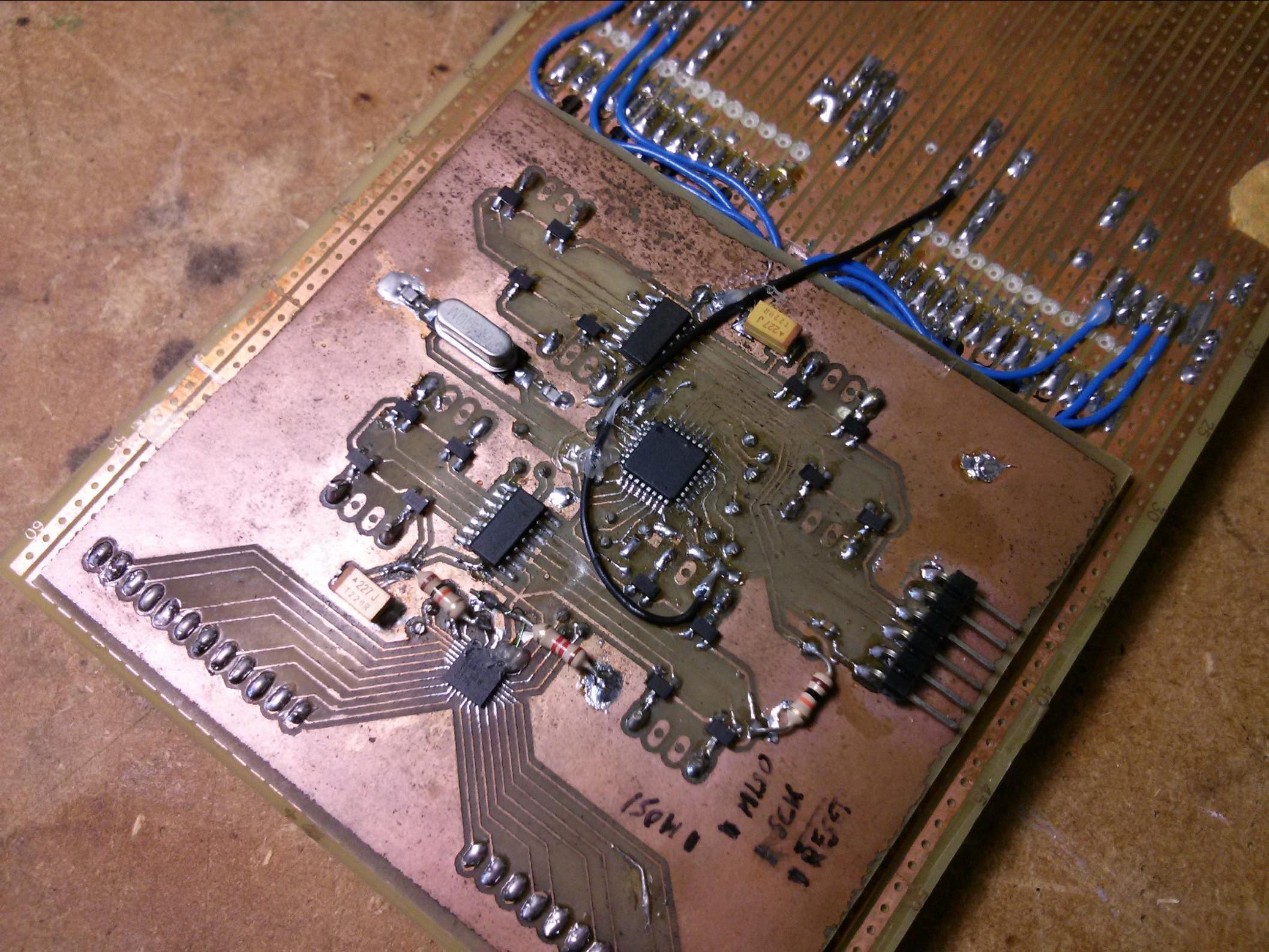




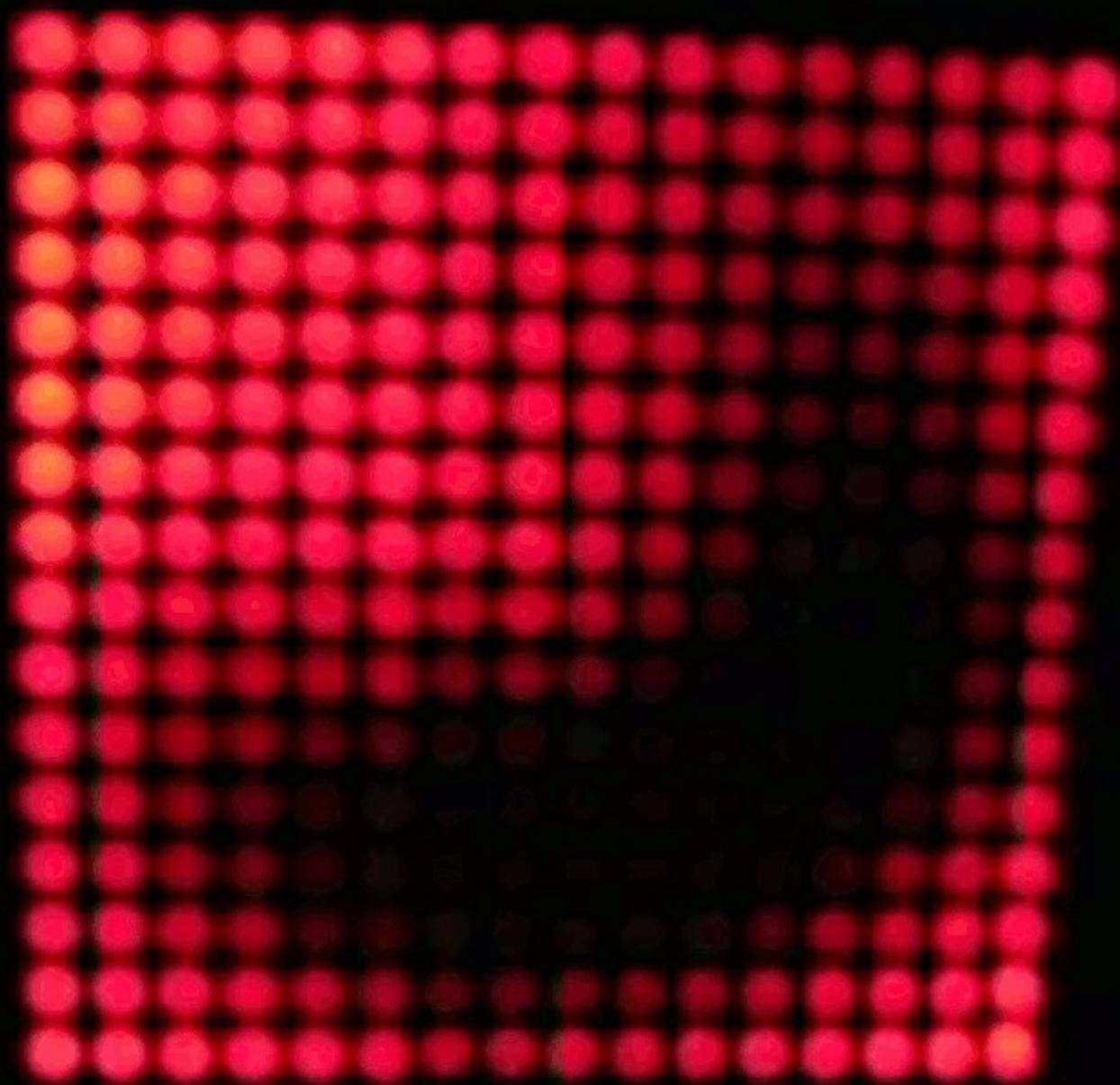


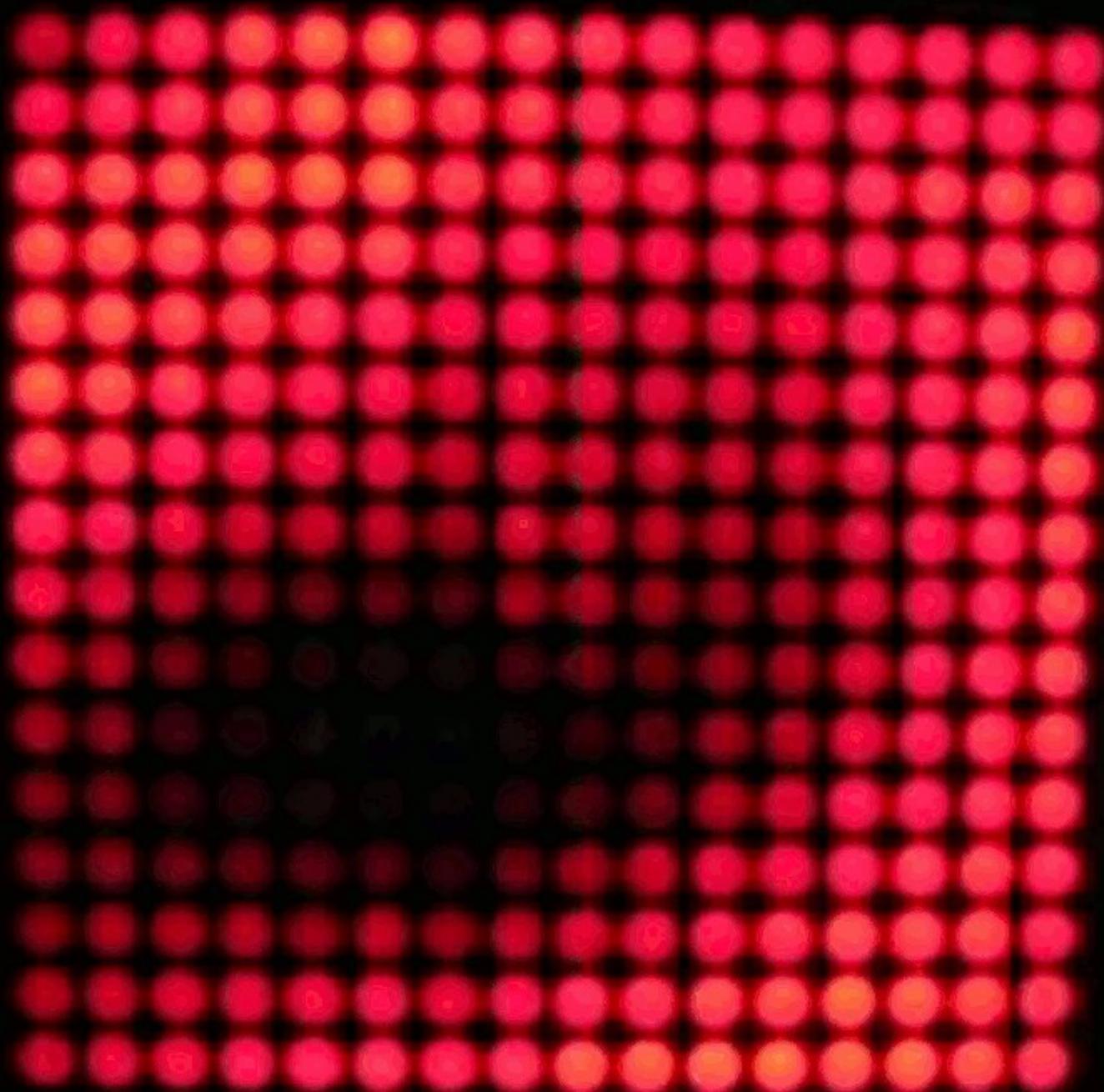


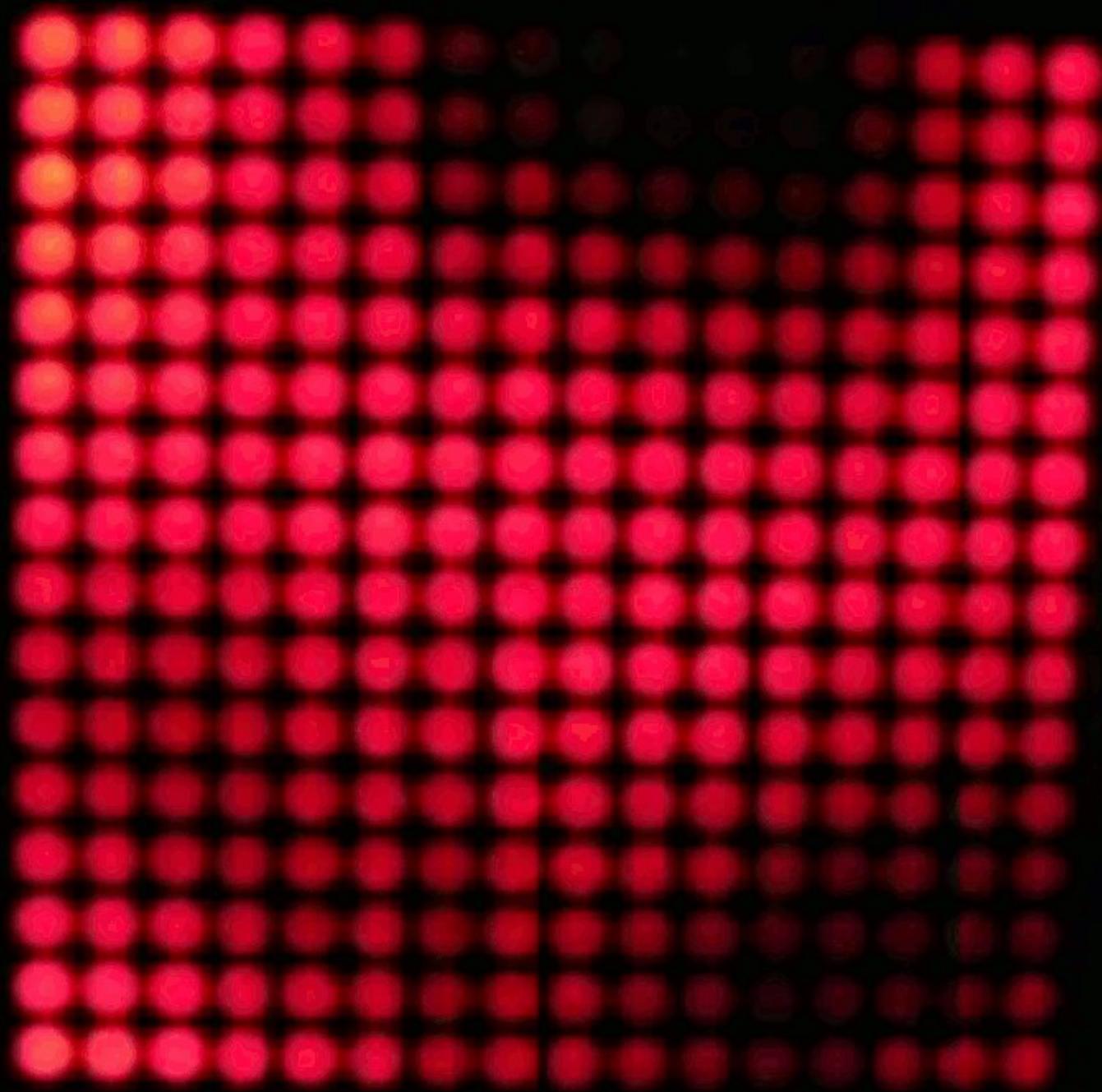


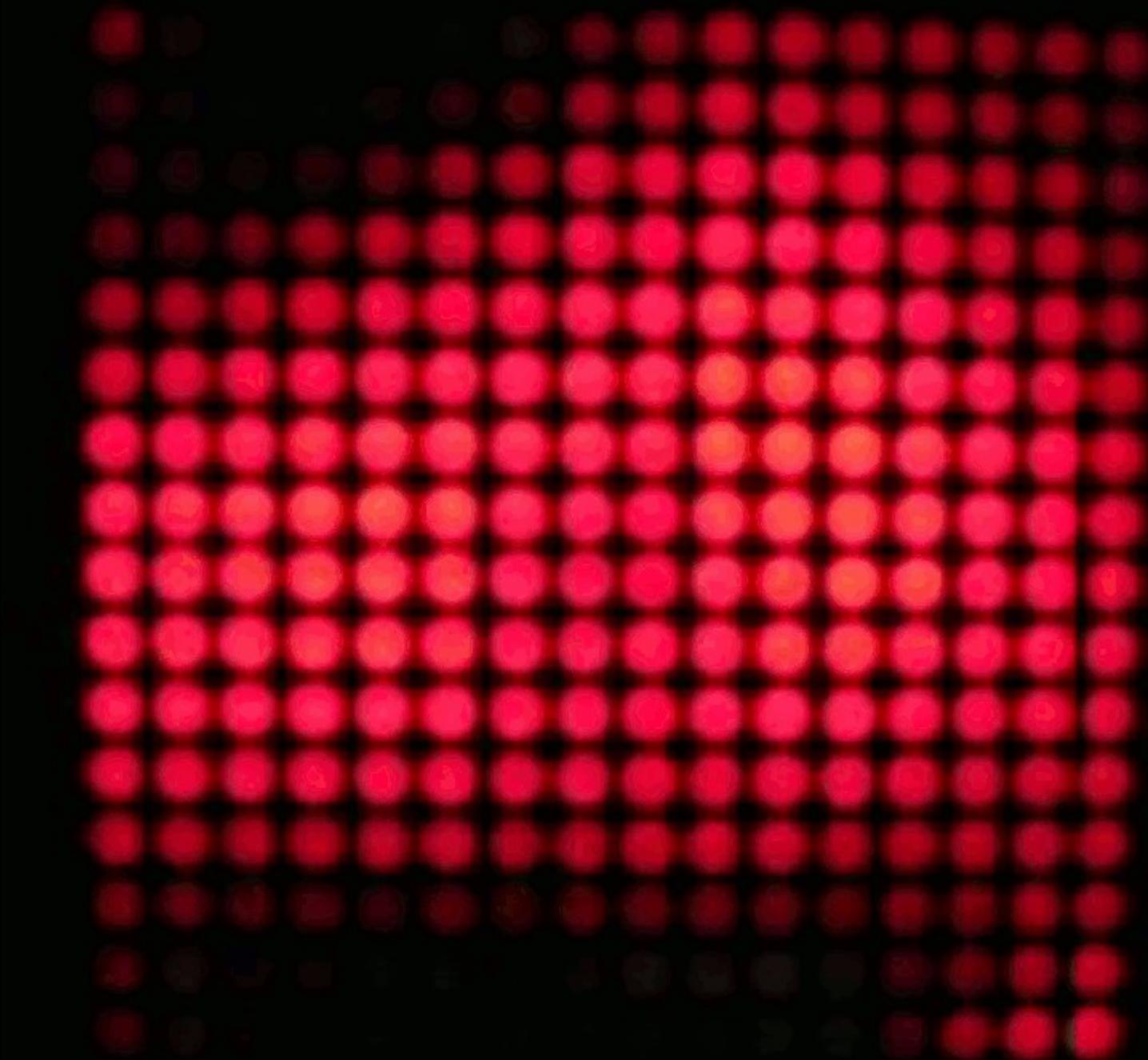


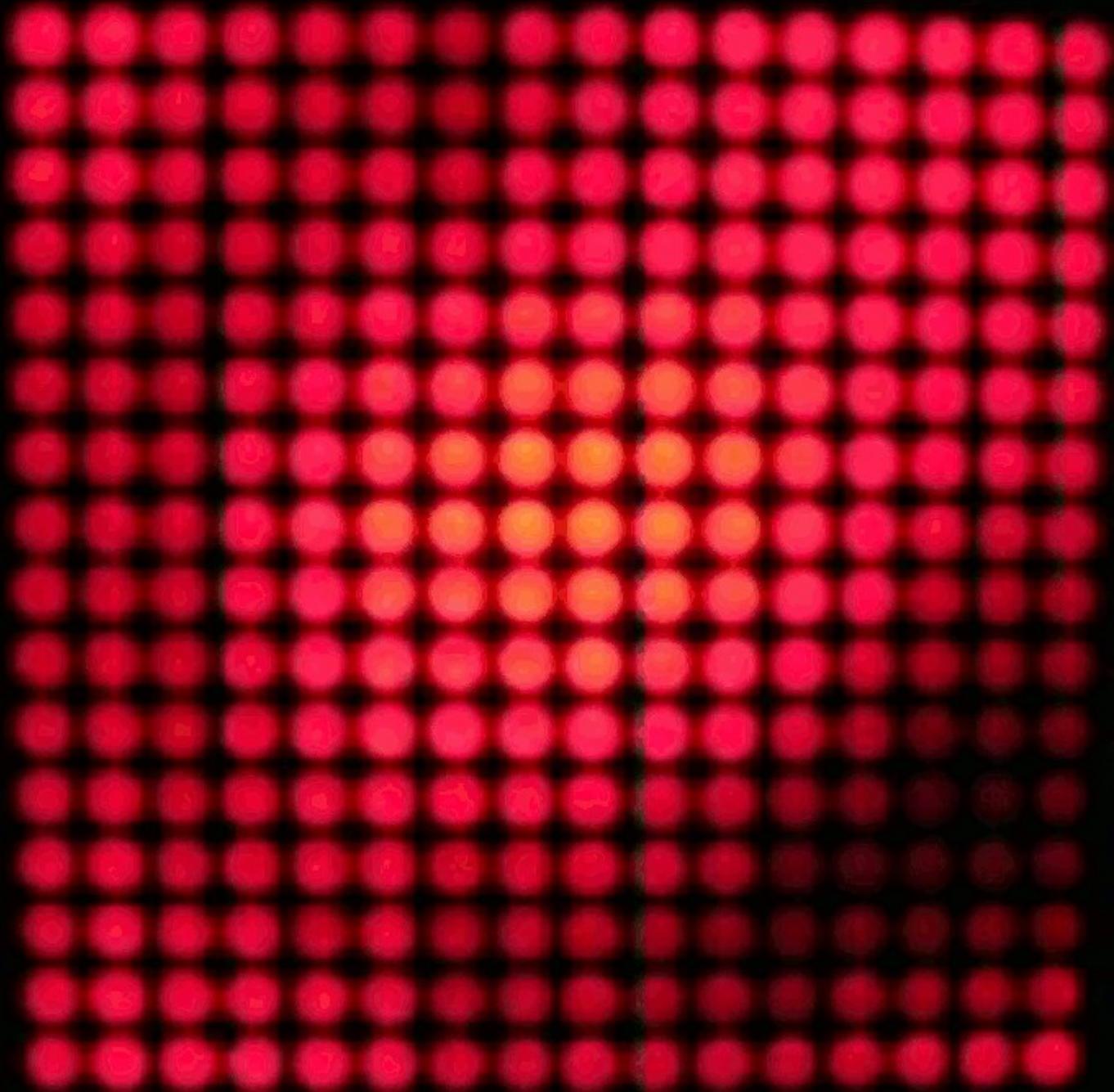
150K 1MΩ 10K  
100K REG

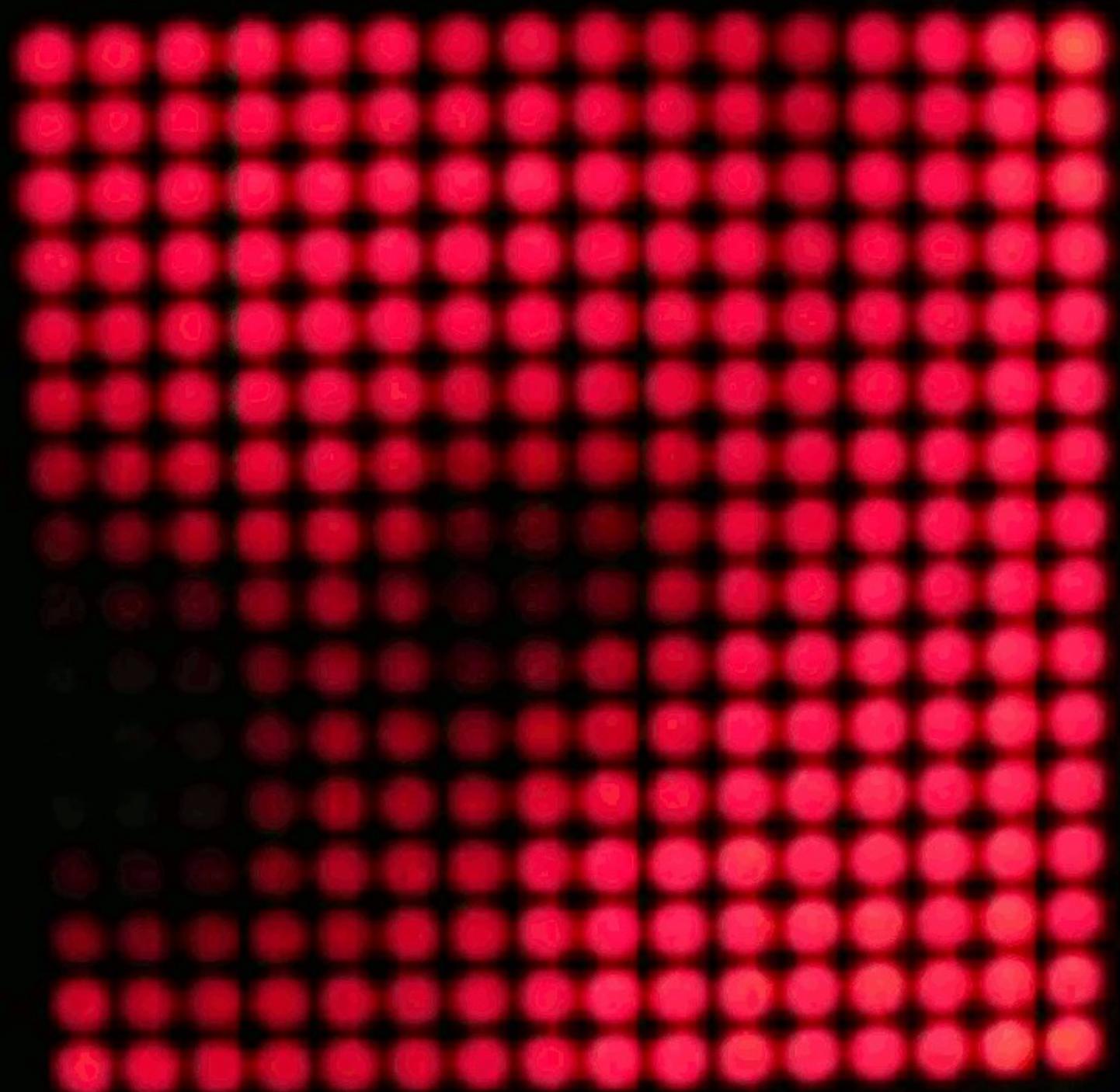




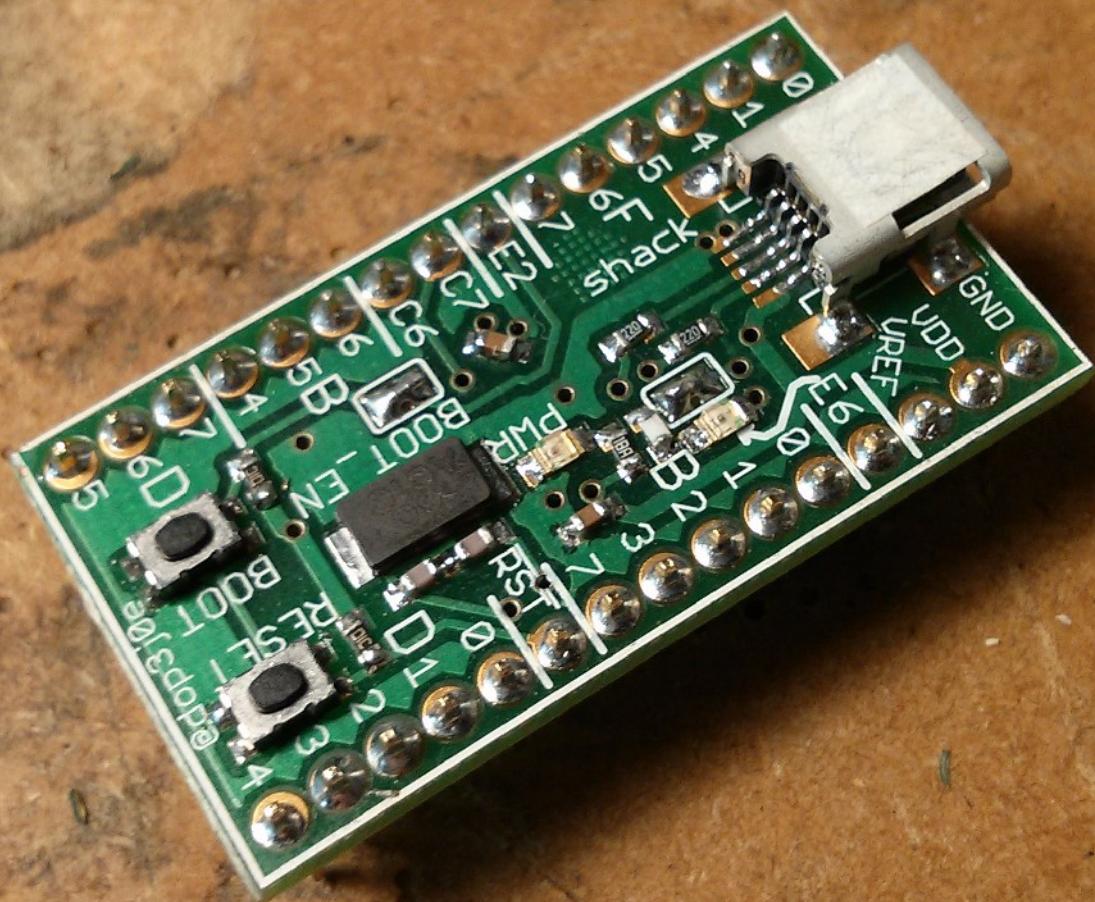


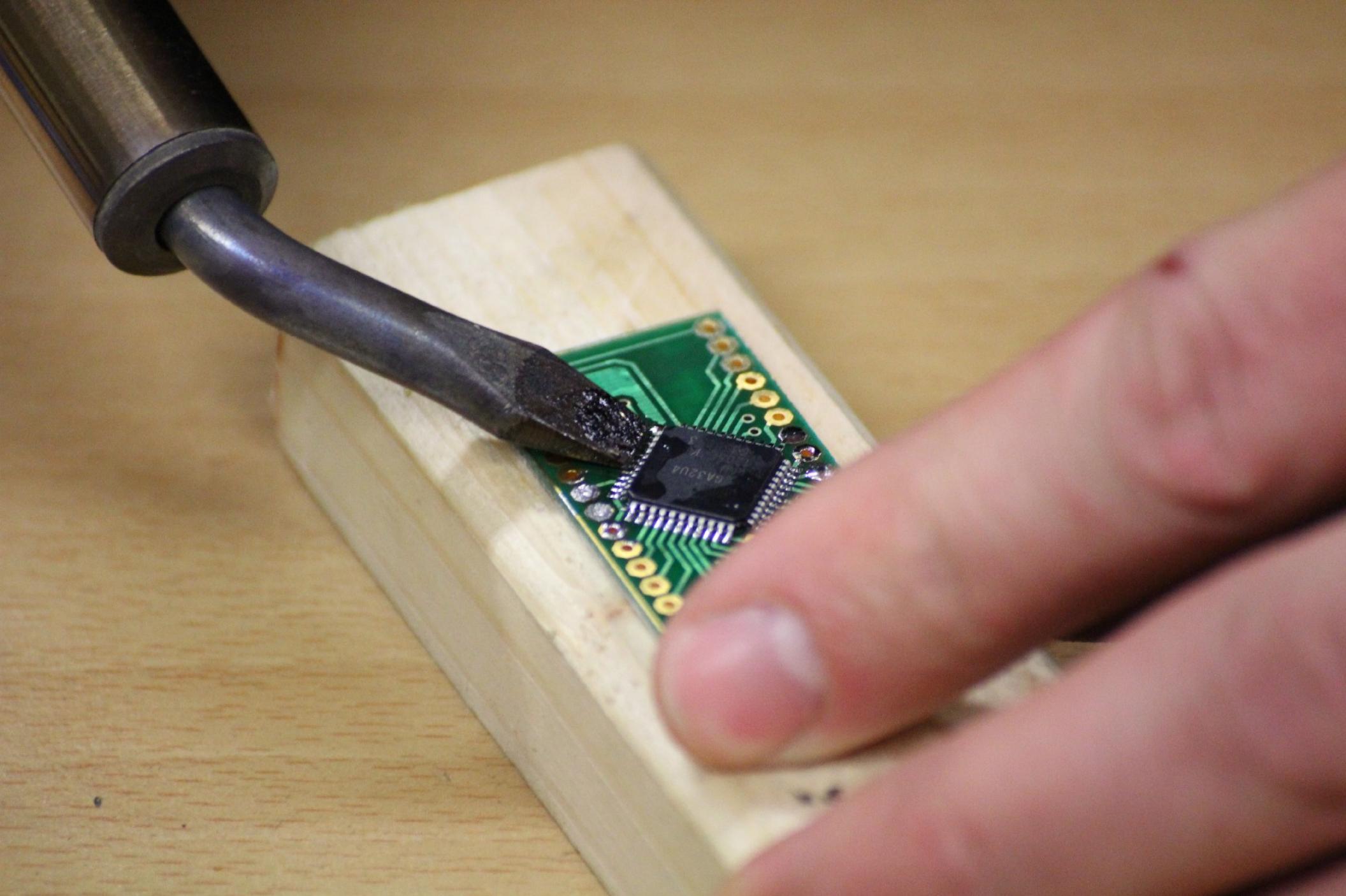








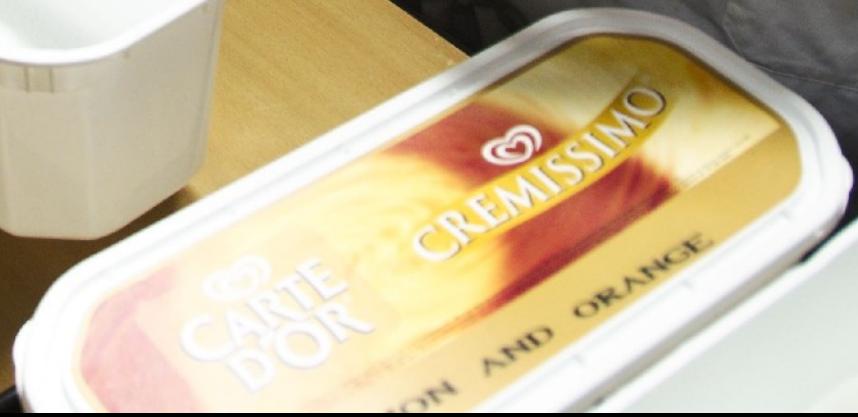


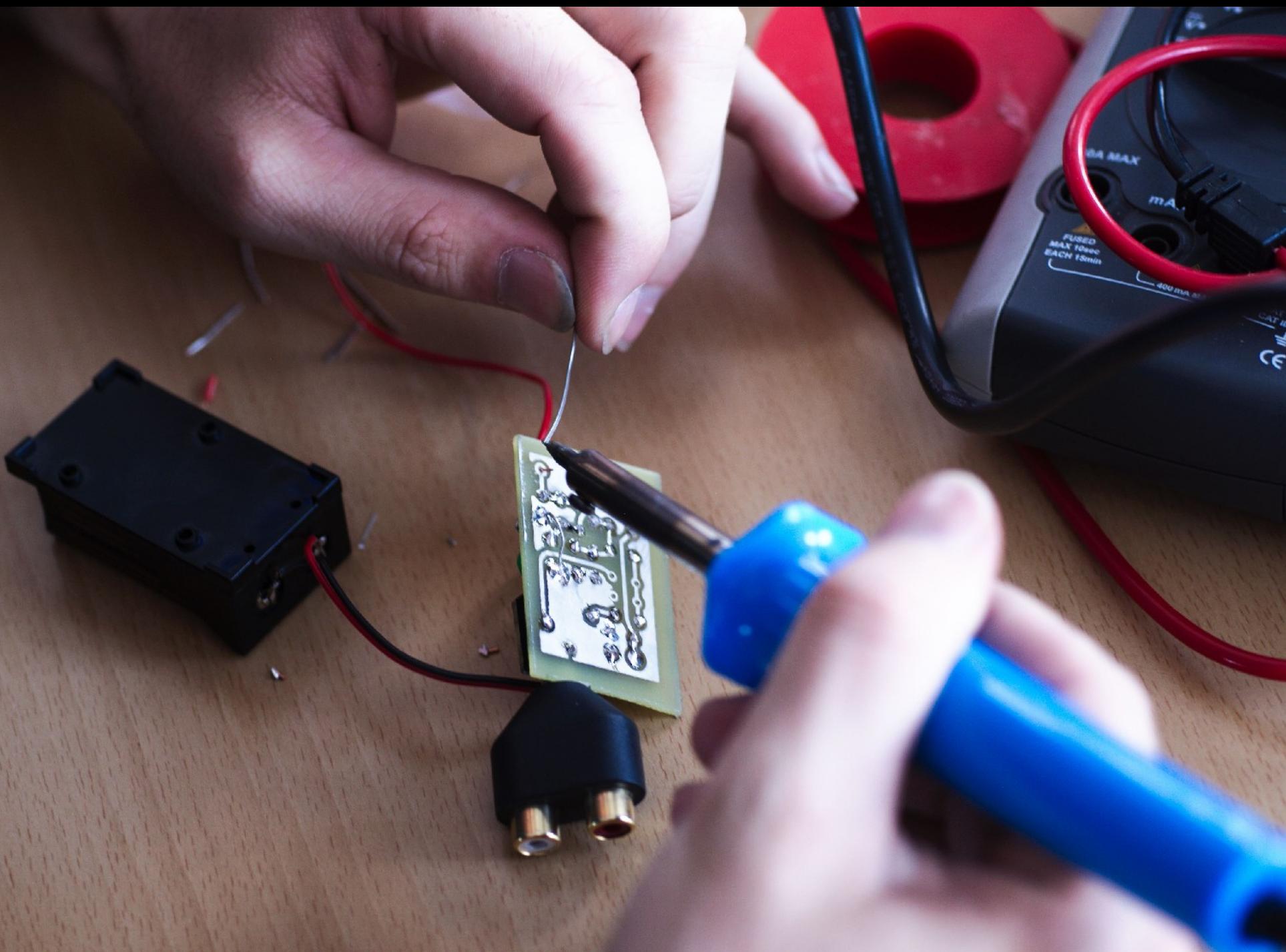


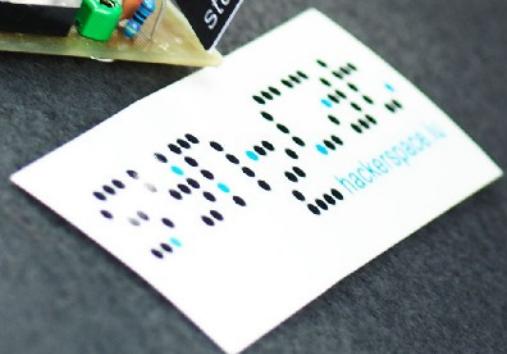


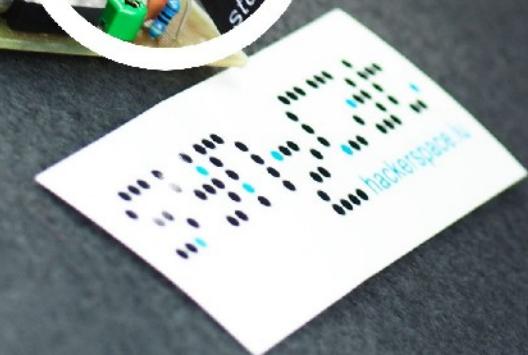






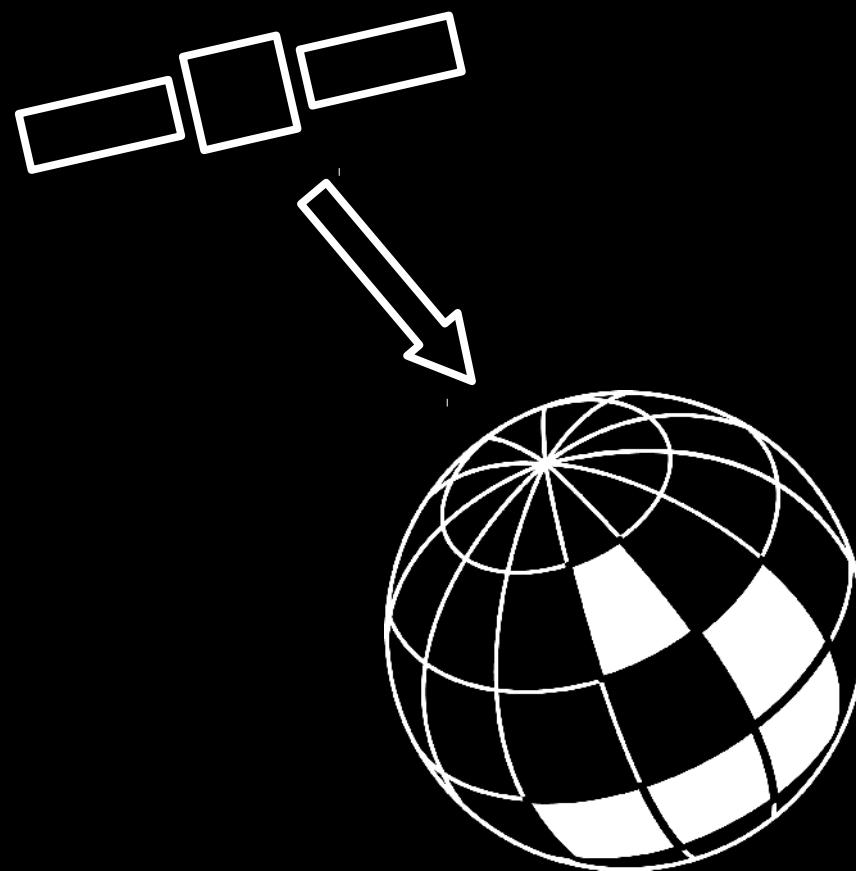


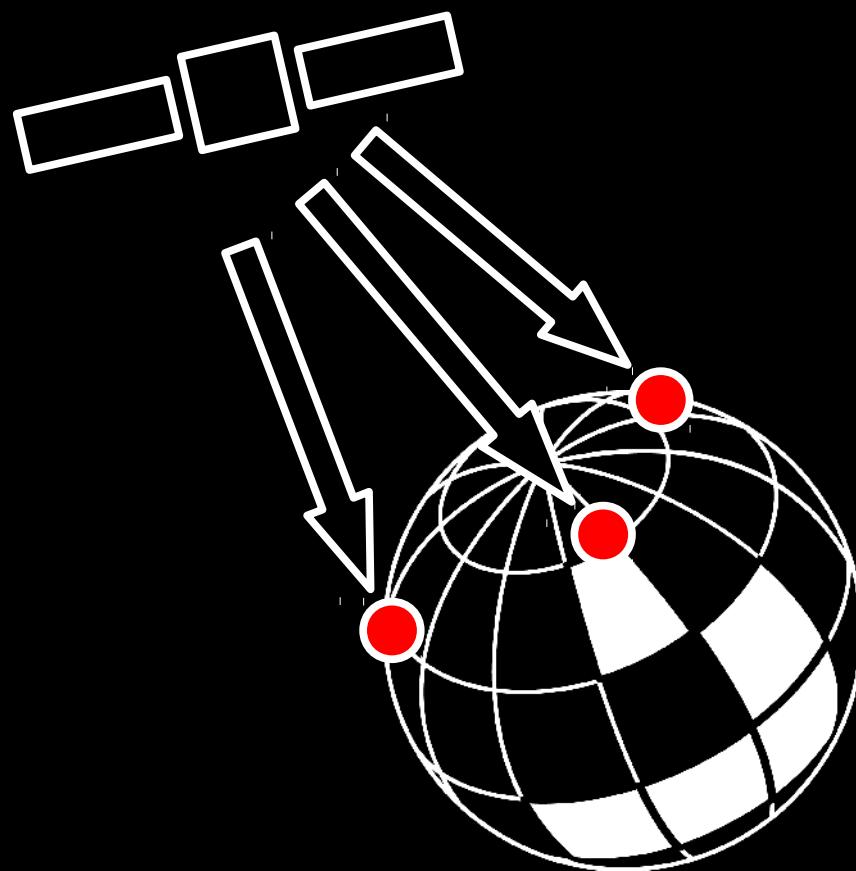


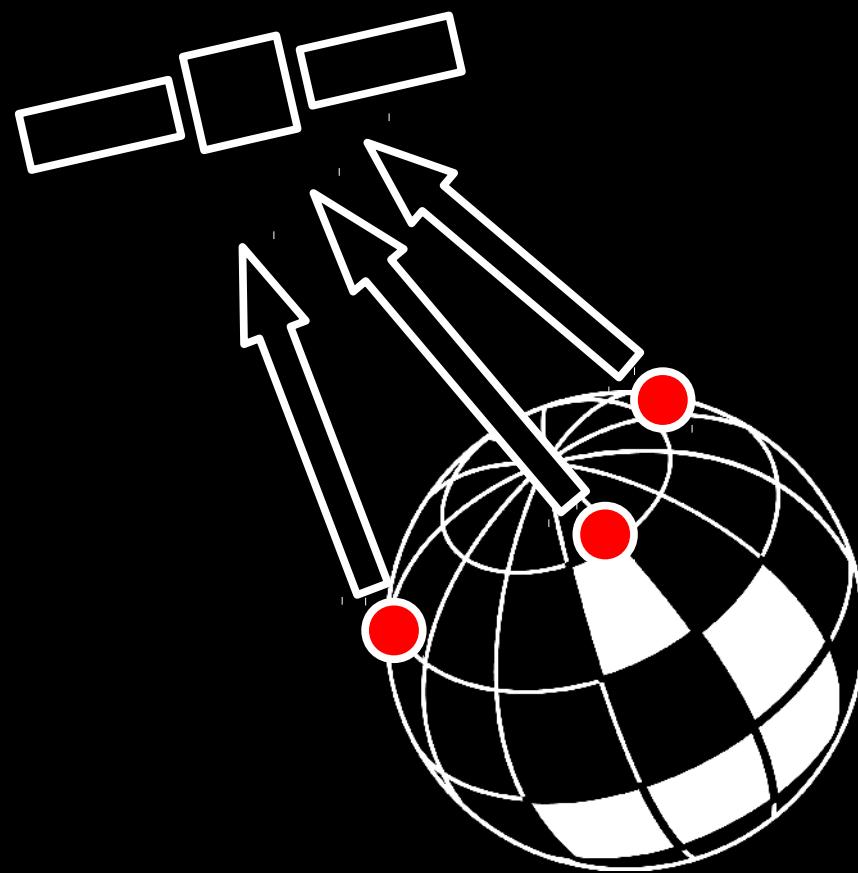


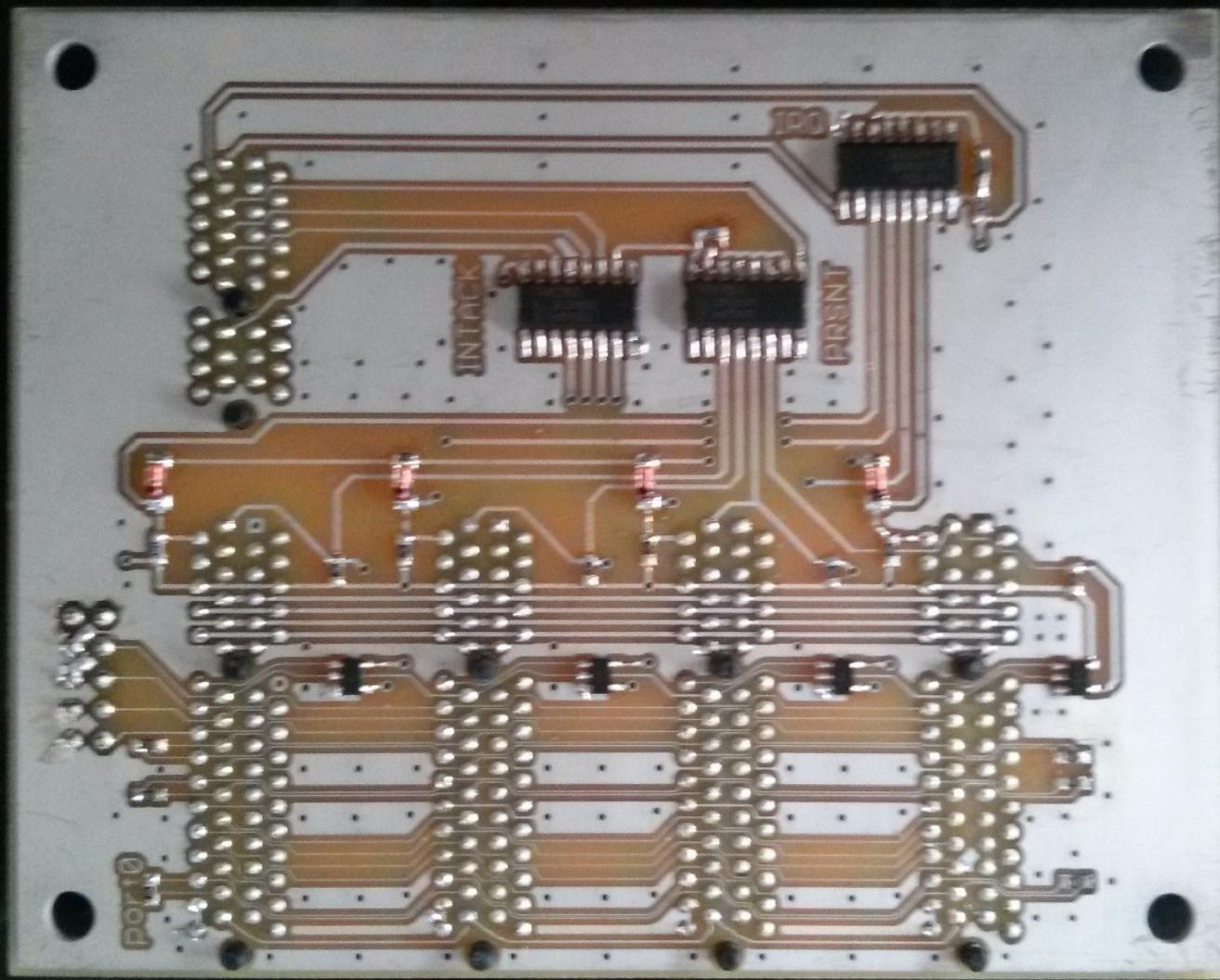


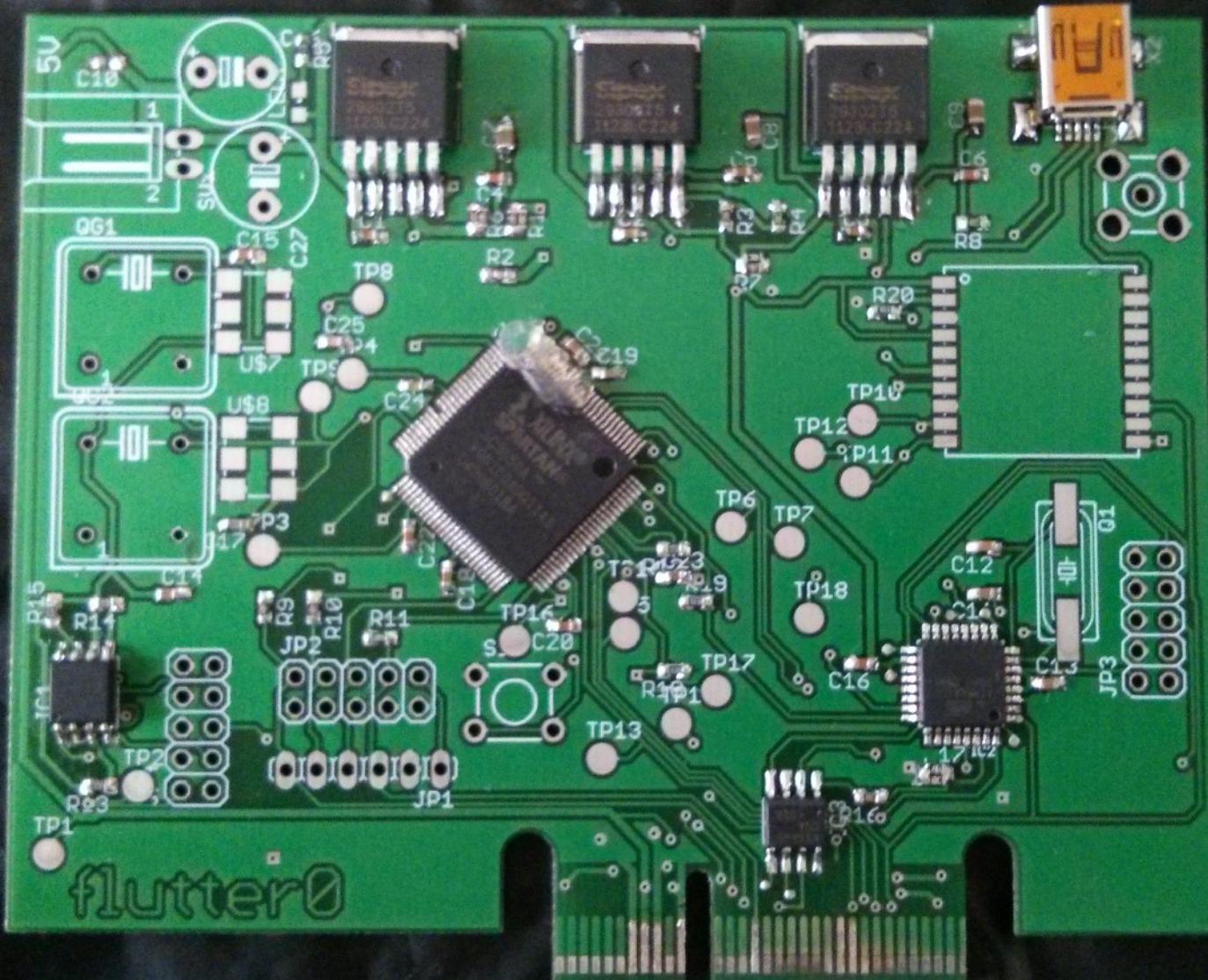


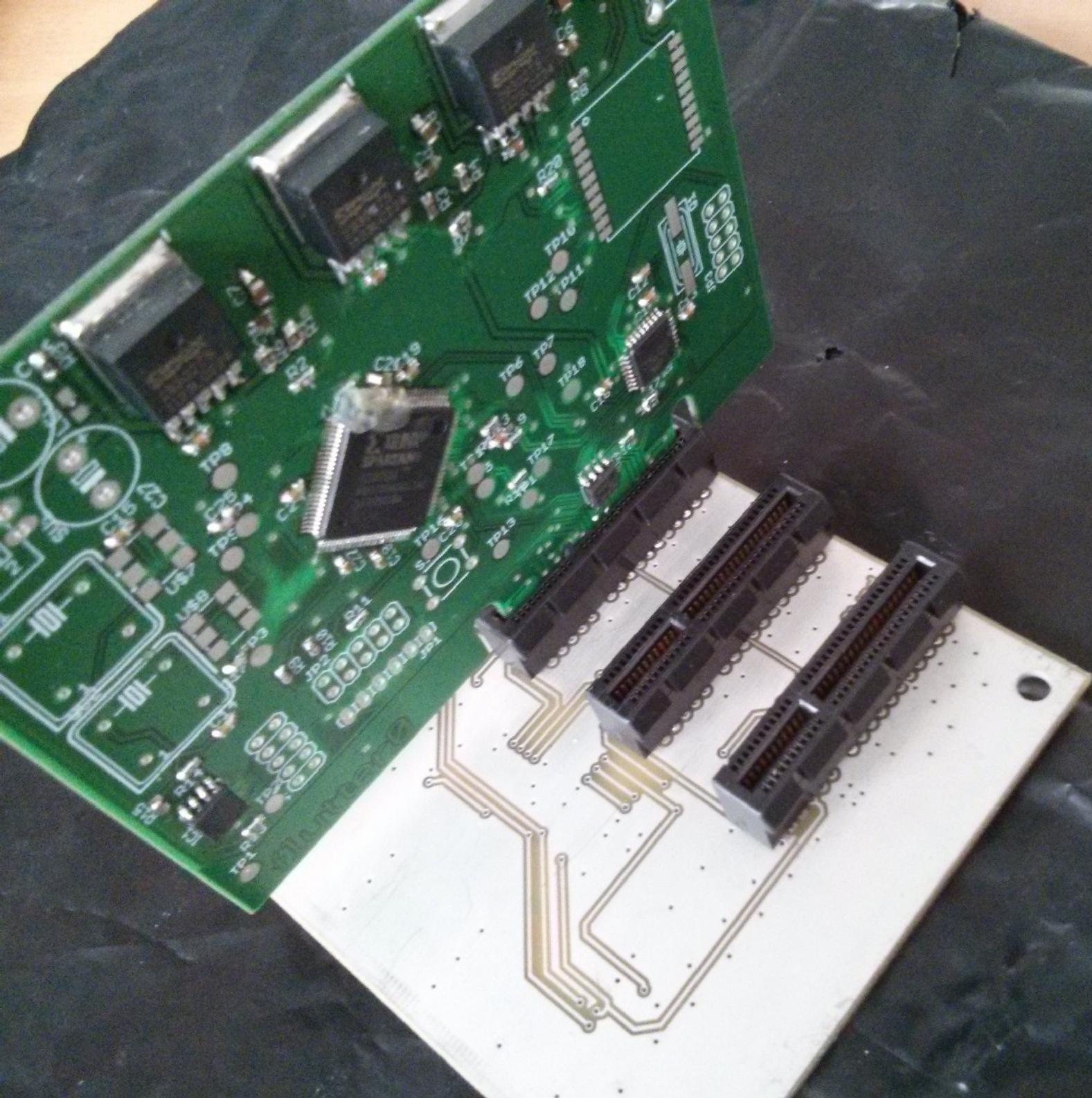




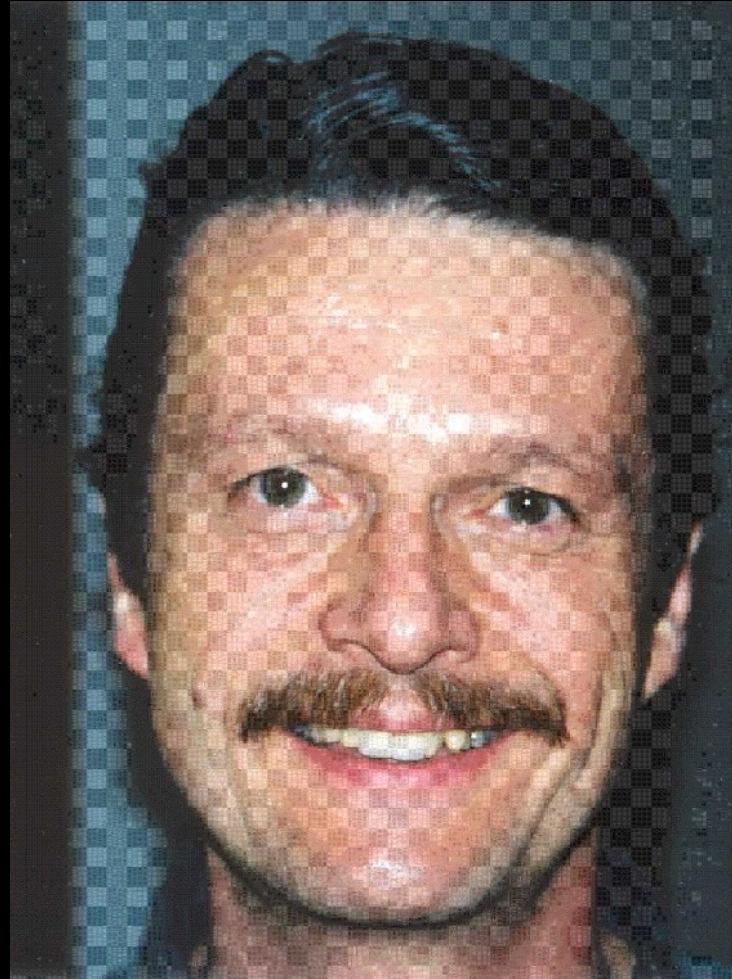












# Communities of Practice (1991)

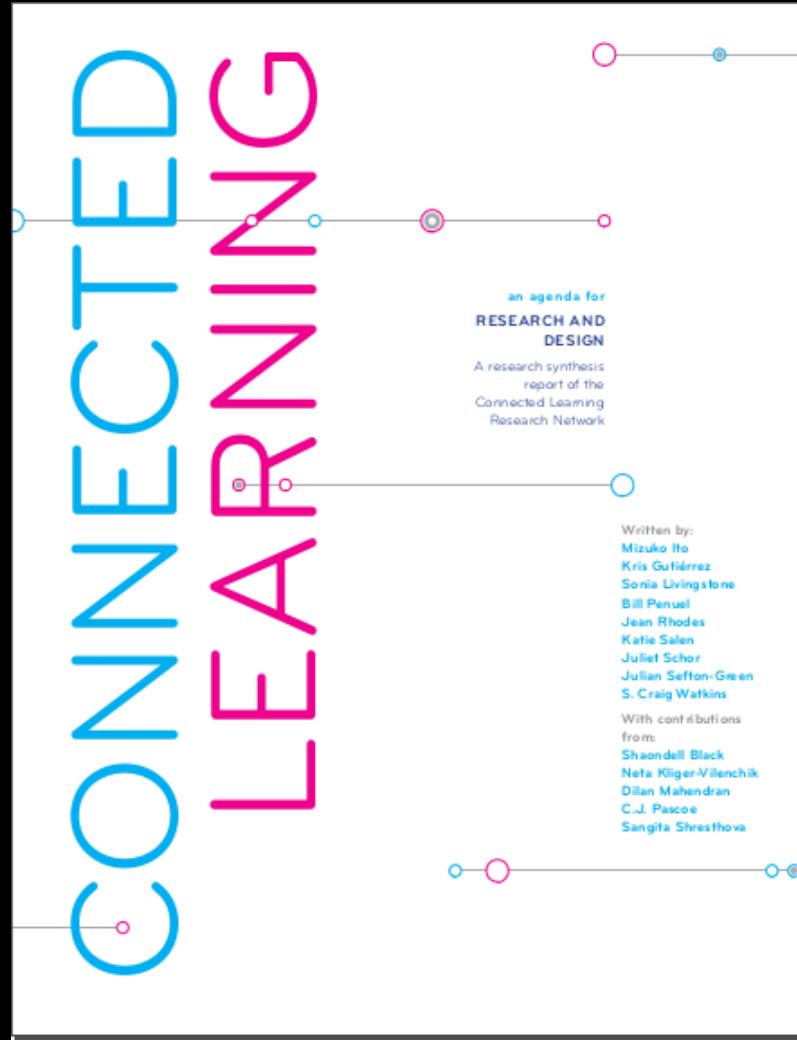
Etienne Wenger (shown) & Jean Lave

# Communities of Practice

• Sharing  
information and  
experiences  
  
Group learning



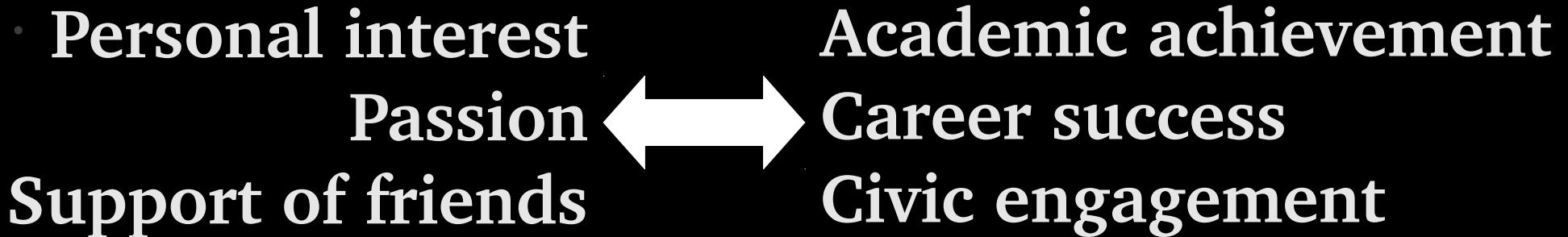
Professional and  
personal development



# Connected Learning (2013)

Ito, Gutiérrez, Livingstone et al

# Connected learning







hackerspaces

[hackerspaces.org](http://hackerspaces.org)



## Credits

- Wau Holland, Wau Holland Stiftung, [wauland.de](http://wauland.de)
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- “Connected Learning” cover, <http://dmlhub.net/publications/connected-learning-agenda-research-and-design>