

A scenic sunset over a rocky coastline. The sky is filled with vibrant colors of orange, red, and purple, transitioning into a deep blue. The ocean is dark with white foam from waves crashing against the rocks. In the background, a hillside is covered with lush greenery and palm trees, with some buildings visible. The overall mood is serene and contemplative.

# THE UPSIDE OF FALLING DOWN: EMBRACING FAILURE TO BE A BETTER ~~HACKER~~ HUMAN

**JOE GRAND AKA KINGPIN**  
**HITBSECCONF2023 PHUKET**



“

We do not learn from experience. We learn from reflecting on experience.

—

**JOHN DEWEY**

**EDUCATOR AND  
PHILOSOPHER**





Renegade Legion  
Technical Reports

\*\*  
\* R \*  
\*

\*\*  
\* L \*  
\*

Eastern

Brian Oblivion .....  
Count Zero .....  
Net Runner .....  
The Knight ... ..  
White Knight ... ..  
Kingpin ... ..  
Highlander ... ..  
Nemesis .....  
Snuggle .....  
Zardoz .....  
Iceberg ... ..  
... ..  
... ..

Western

Overdose  
Sirus  
Meat

\* Renegade Legion \*

Carding in the '90s

by

The Knight

The Night Elite BBS (617)623.7151 (RL HeadQ)

-----  
3/17/91

It used to be that a person could steal a carbon and find a house that no one was occupying during the day, stick up a 'Please leave package' note, and your package would be there the next day via overnight delivery.

This, of course no longer works almost at ALL anymore unless your in a relatively unpopulated state. And, you'll need a lot more information than a carbon can give you to even get it mailed. I have outlined a step by step carding method that HAS WORKED for me and has ALWAYS gotten stuff through to the drop every attempt. I will go through each step THOROUGHLY as if you were a COMPLETE beginner to carding just in case you ARE.

```
==          =====          =====          =====  
==          ==          ==          ==          ==  
==          ==          ==          ==          ==  
==          ==          ==          =====          ==  
==          ==          ==          ==          ==  
==          ==          ==          ==          ==  
=====          =====          =====          ==
```

<== Legion of Schram Today ==>

Newsletter #1

June 1991

LoST is:

- The Exploding Boy (Christian Death)
- Malcontent
- Third Party Bill
- Skateboard Joe
- Gordon Tesh
- The Enemy of the People
- The /<rad /<odez /<id
- and the rest of the anonymous bunch...

<\*- L. O. S. T -\*>

Legion of S.C.H.R.A.M. Today



[REDACTED] POLICE  
DEPARTMENT

[REDACTED]  
[REDACTED]

'92

[REDACTED] POLICE  
DEPARTMENT

[REDACTED]  
[REDACTED]



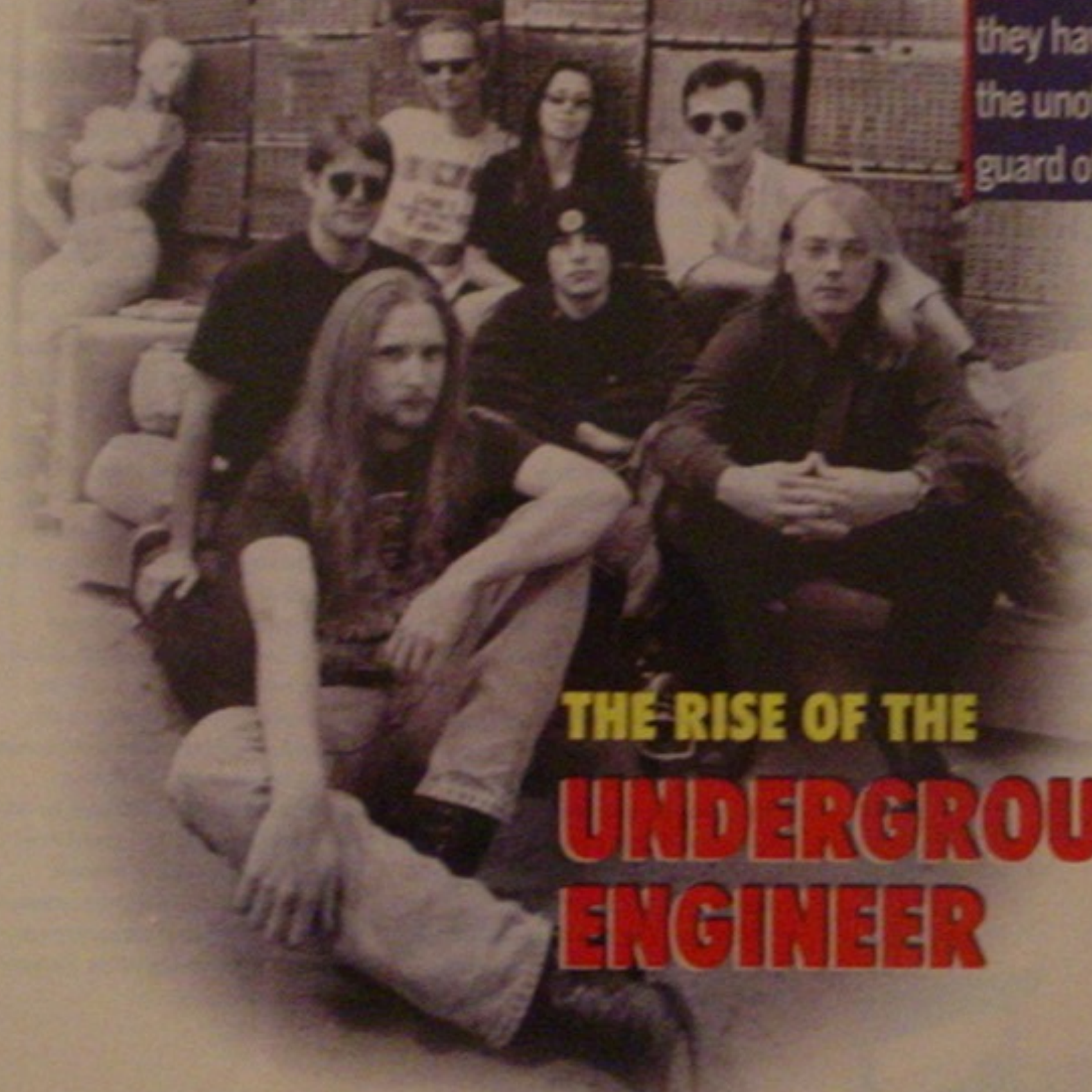




THE EETIMES

# WHITE PAPER

They don't build products; they tear them apart—and that's why they have become the unofficial vanguard of security



THE RISE OF THE  
**UNDERGROUND  
ENGINEER**

# Congratulations

Tom

TAN

Rob Cheyne

Andi Gort

Raman Narayanan

John Hanks

ADZ

ZDUBCZ

George Jones

ROTTY

Sunil Dhalwal

Weld Pond

JESS HANKS

Roge



For Beer

christina

KINGPIN

VE ARONOFF

Dave G.

Dil Dog

Phil Tans

Mudge

Andy Gort

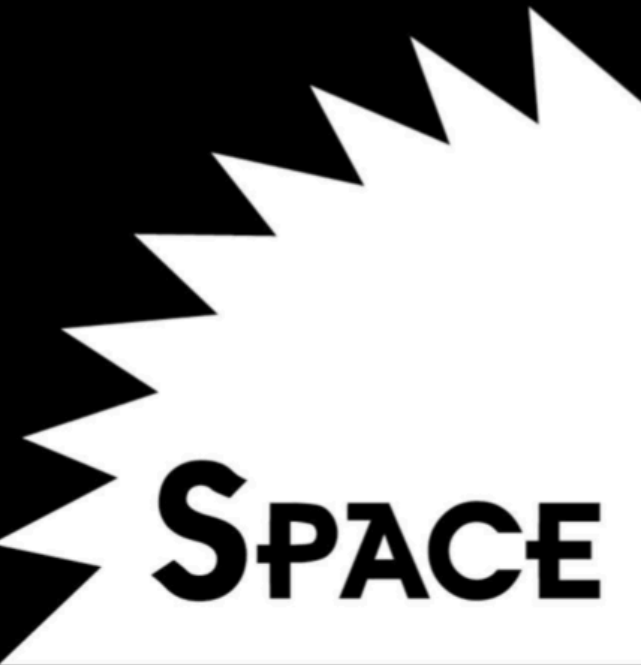
## Securing the Internet economy<sup>sm</sup>

SPACE  
ROGUE

Wada C-1-7

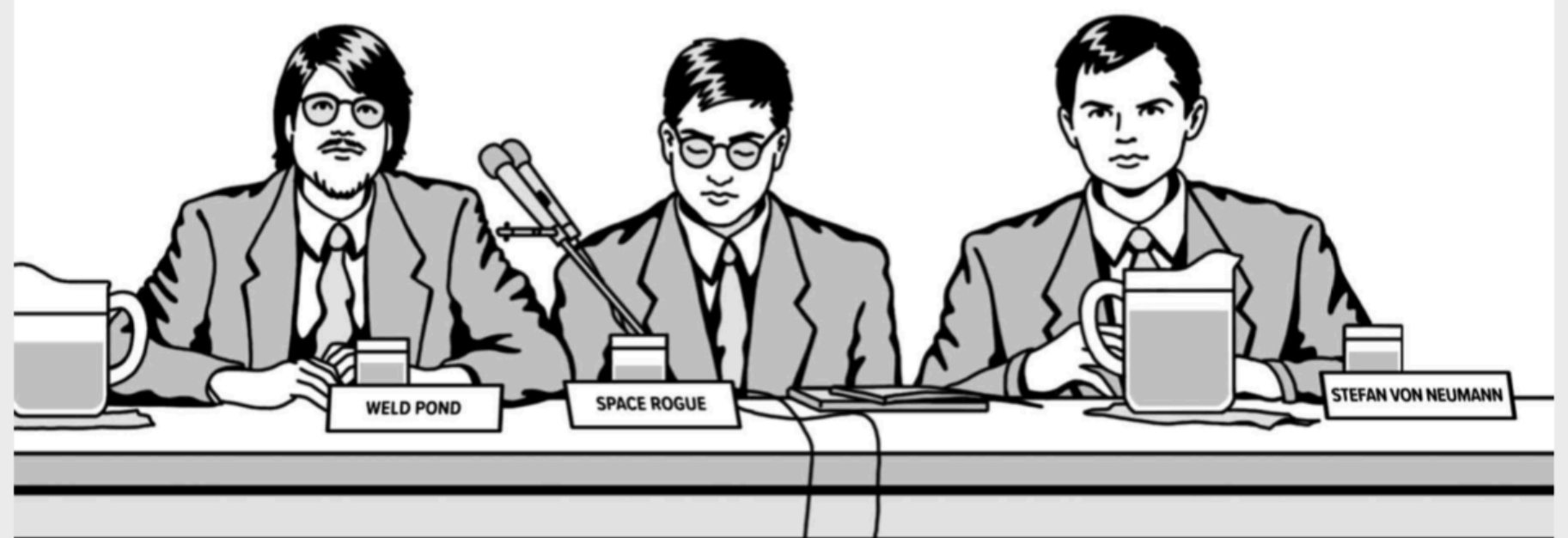
Tolend

TED JULIAN



# SPACE ROGUE

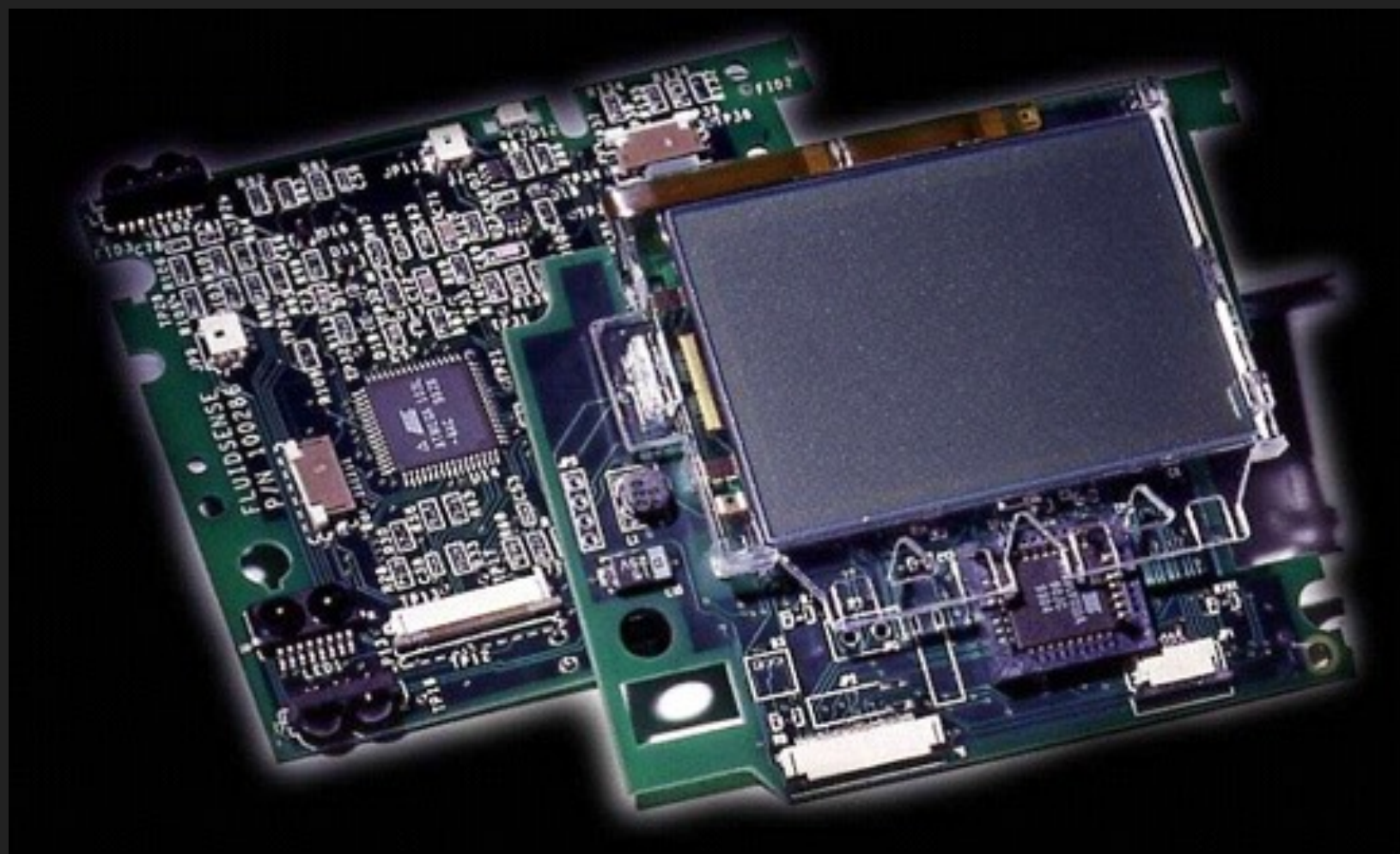
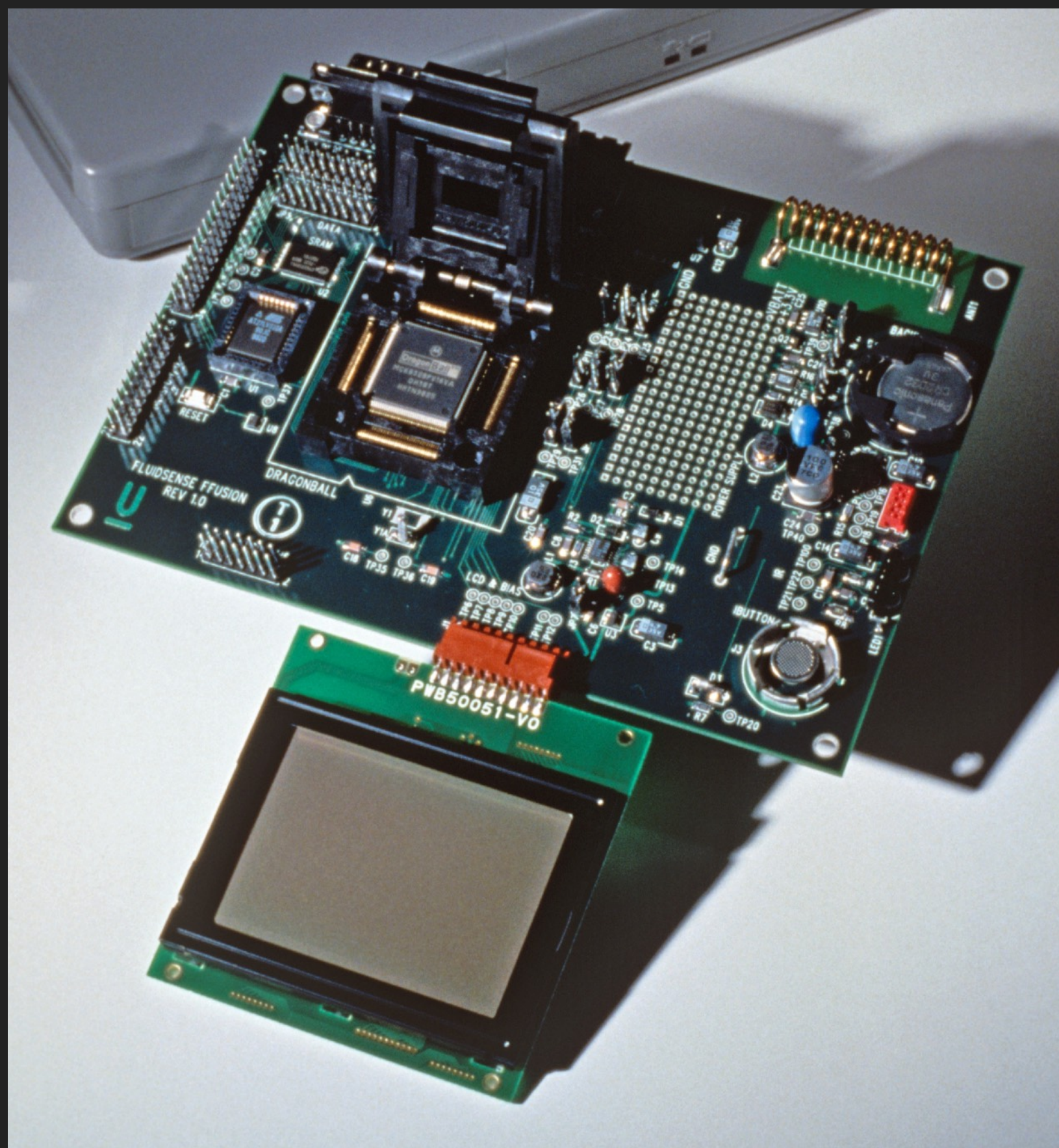
HOW THE HACKERS  
KNOWN AS  
LØPHT CHANGED  
THE WORLD

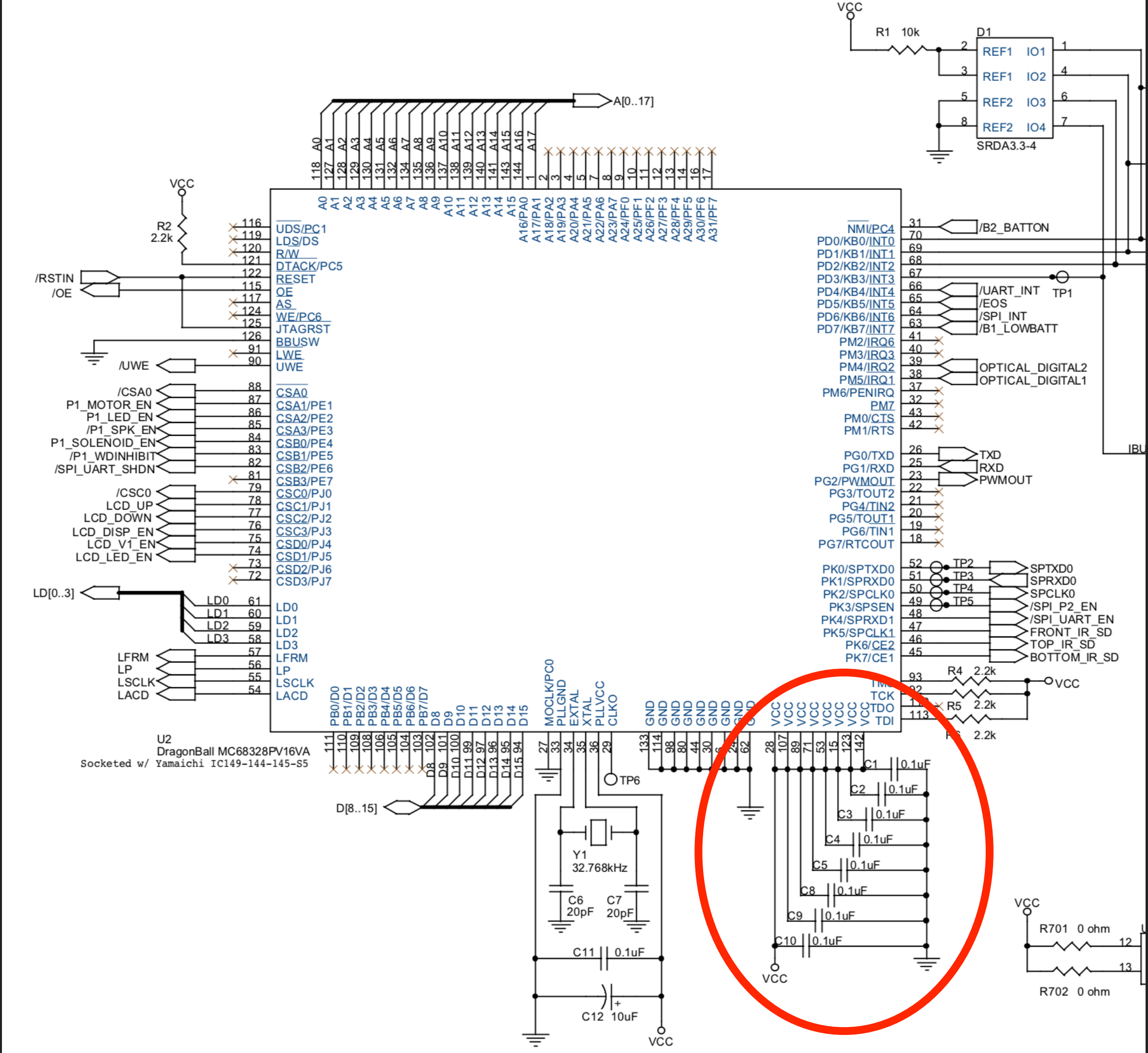
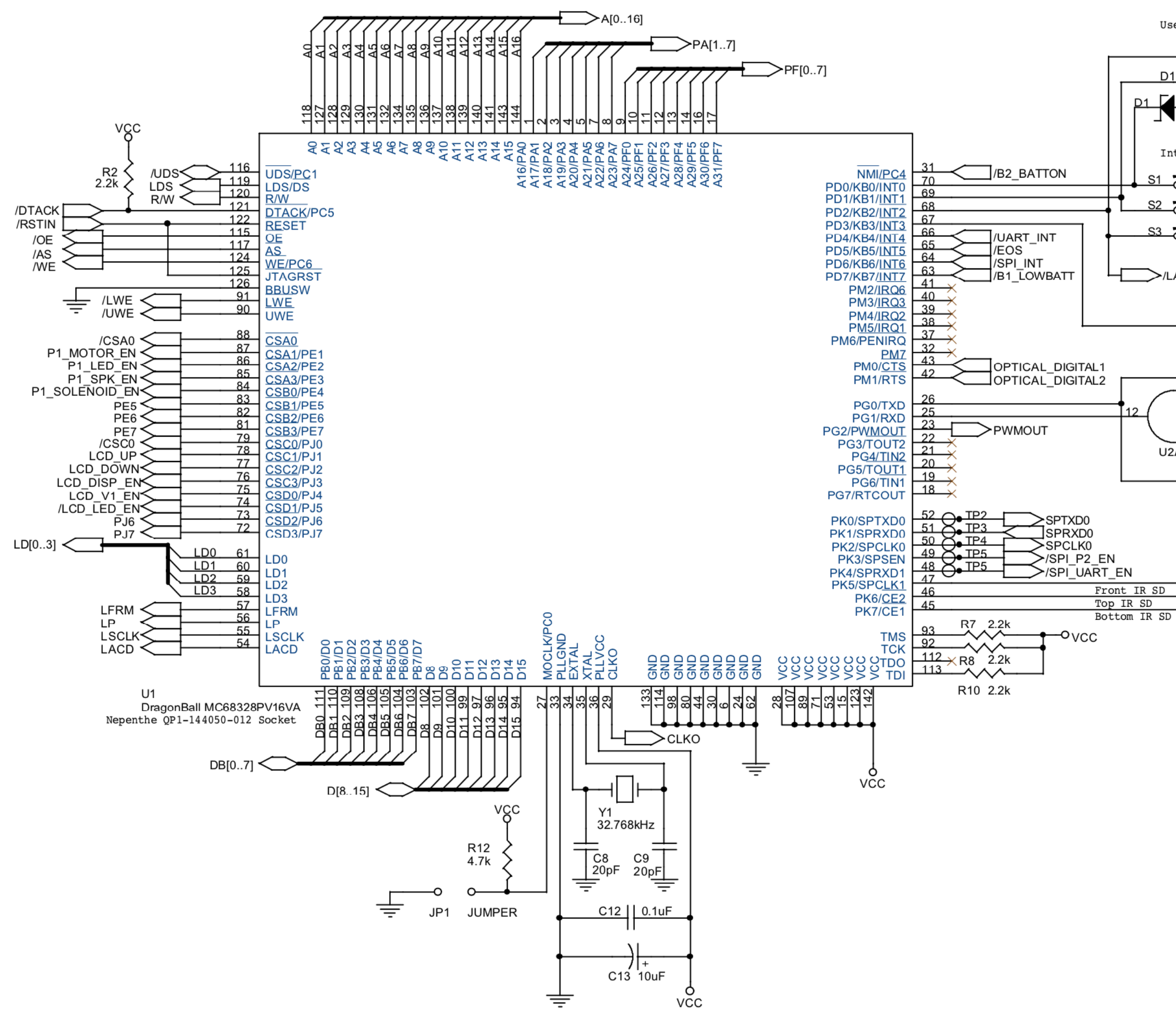


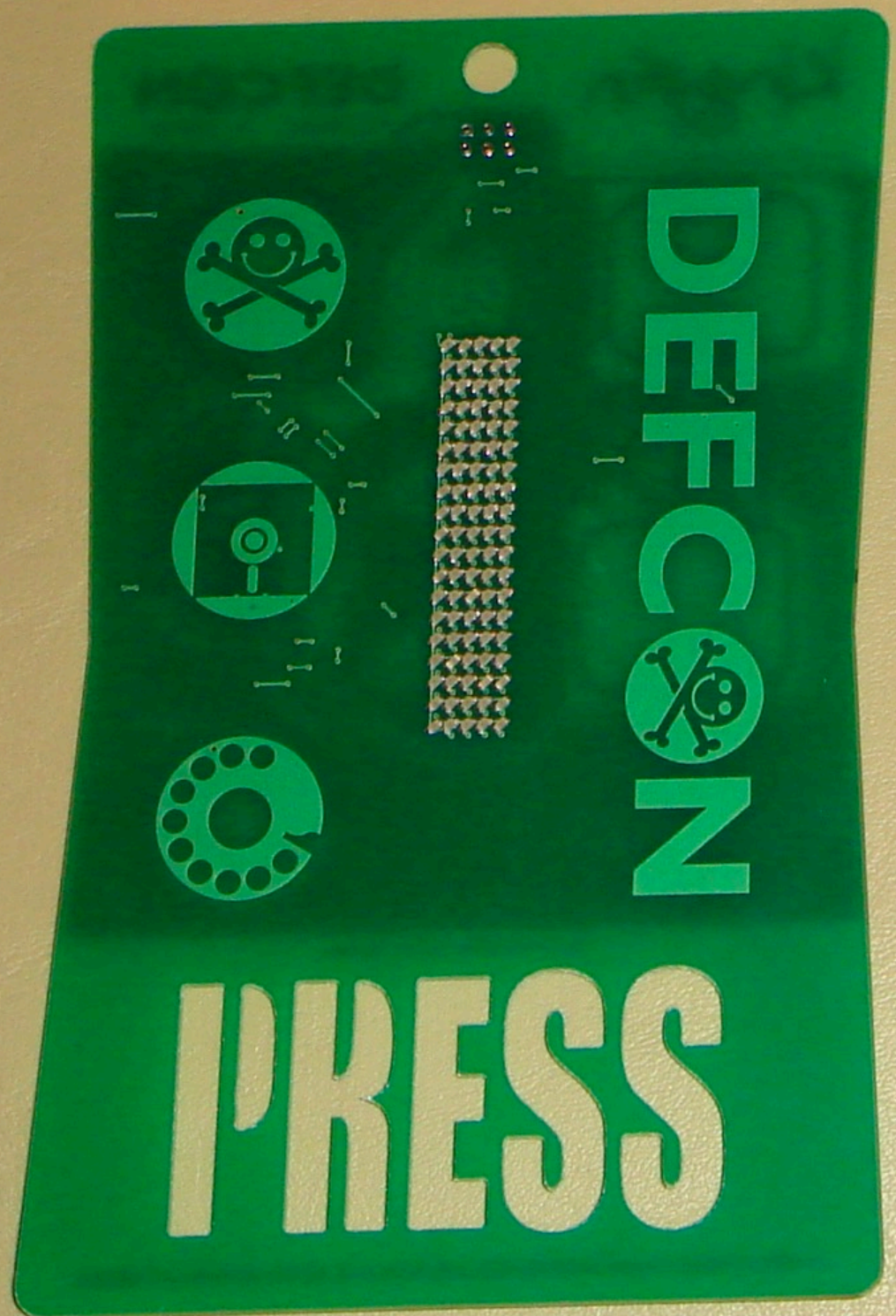
**CRIS THOMAS**

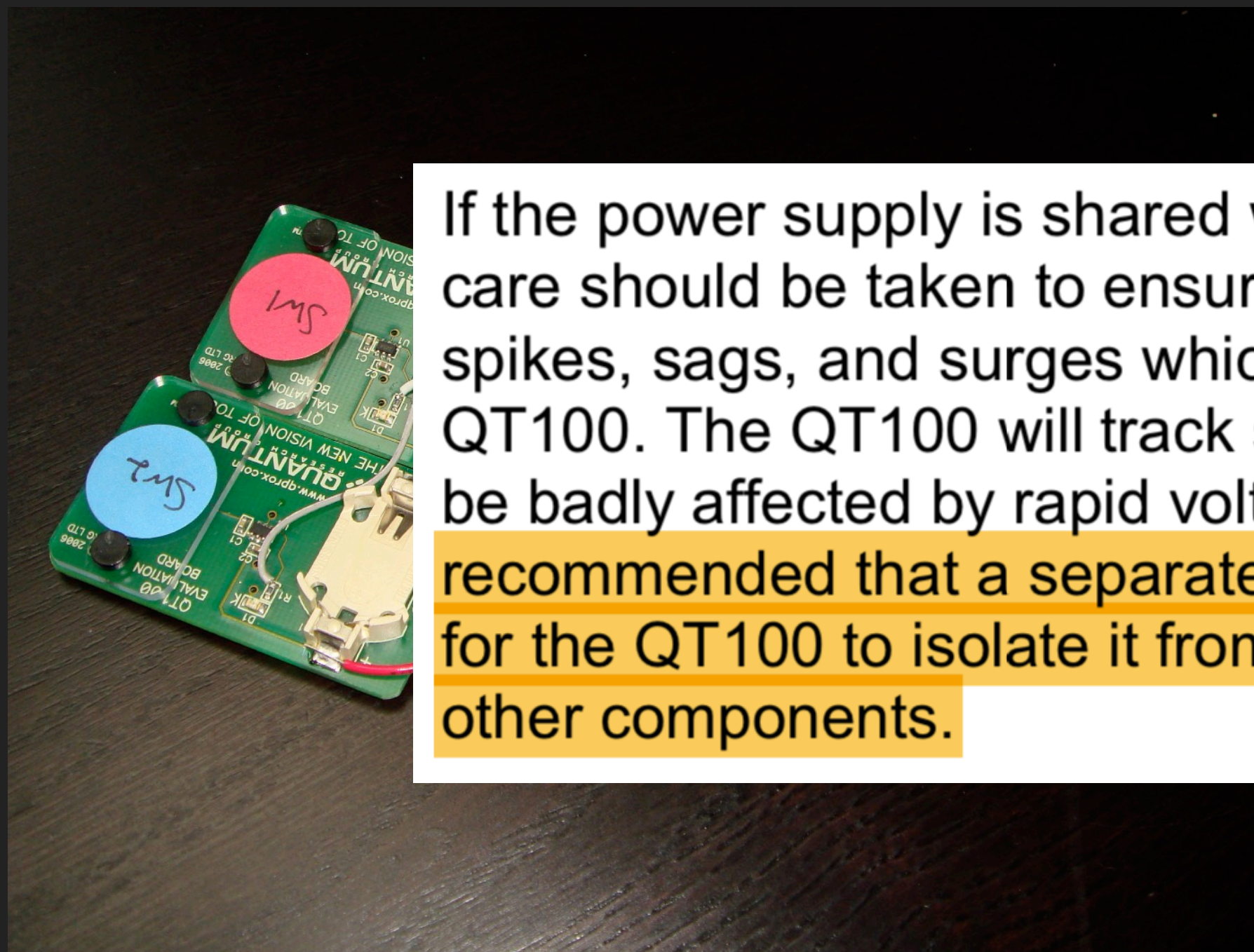
```
1101000110100001100101011011110111001001100101011101000110100101100011011000010110  
000111001101101001011011100110001101100101001000000110001001110010011100100110010
```



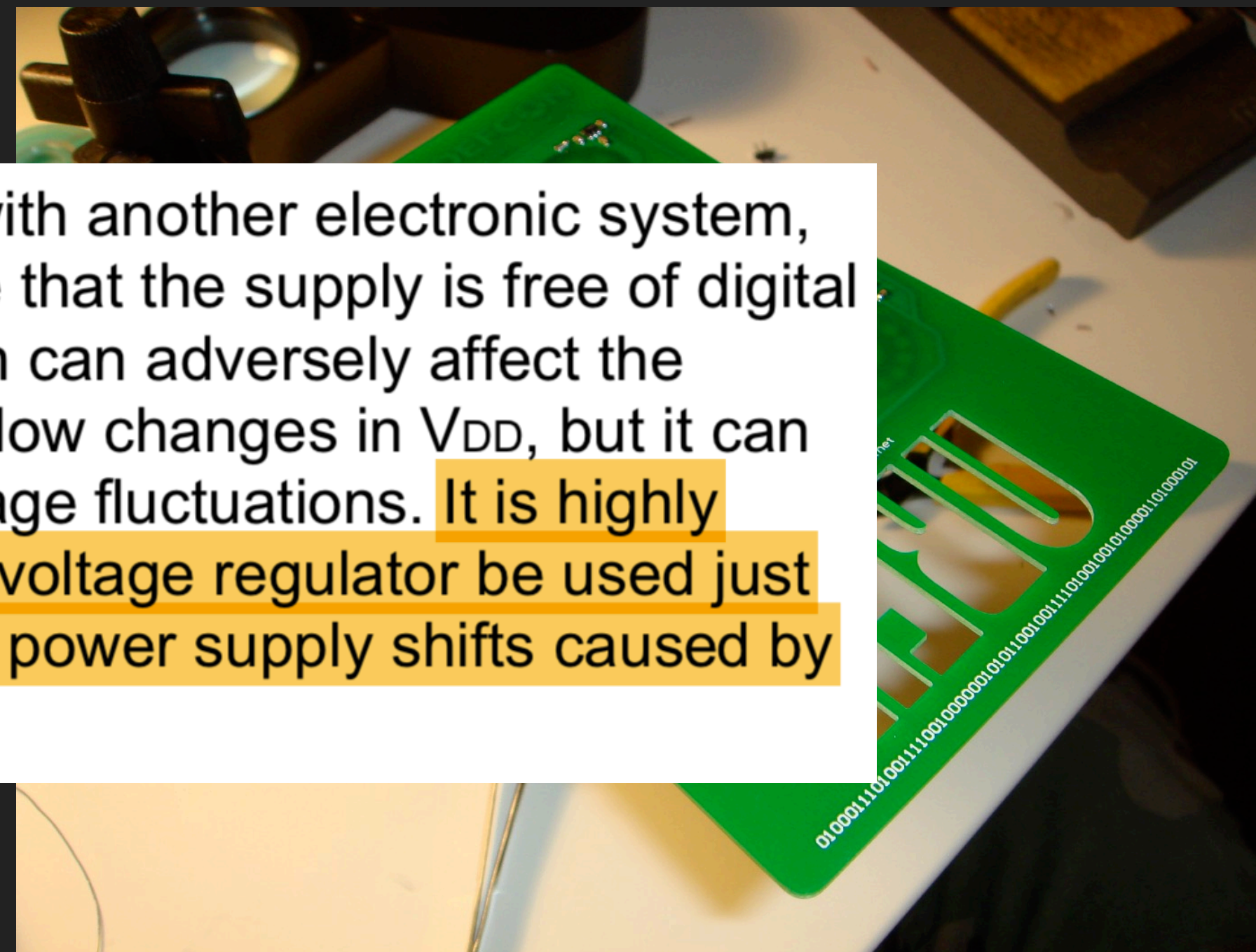






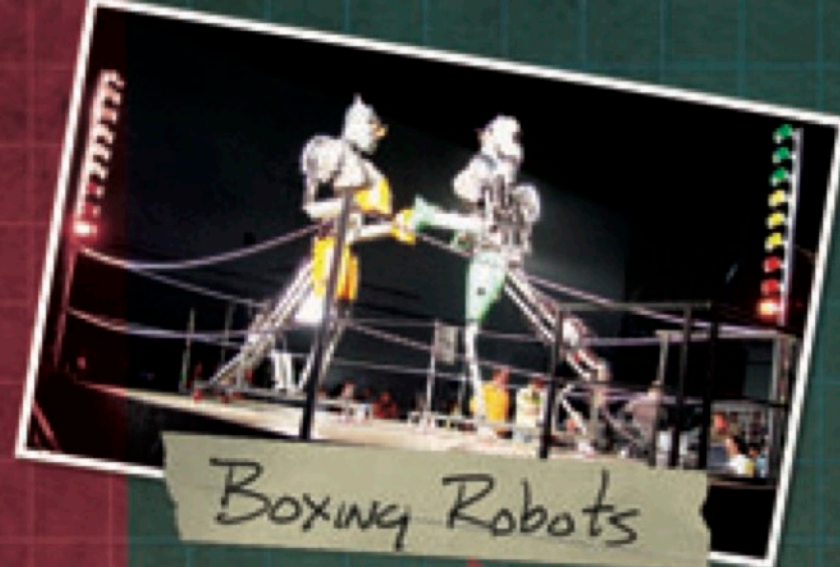


If the power supply is shared with another electronic system, care should be taken to ensure that the supply is free of digital spikes, sags, and surges which can adversely affect the QT100. The QT100 will track slow changes in  $V_{DD}$ , but it can be badly affected by rapid voltage fluctuations. It is highly recommended that a separate voltage regulator be used just for the QT100 to isolate it from power supply shifts caused by other components.









Discovery  
CHANNEL

# PROTOTYPE THIS

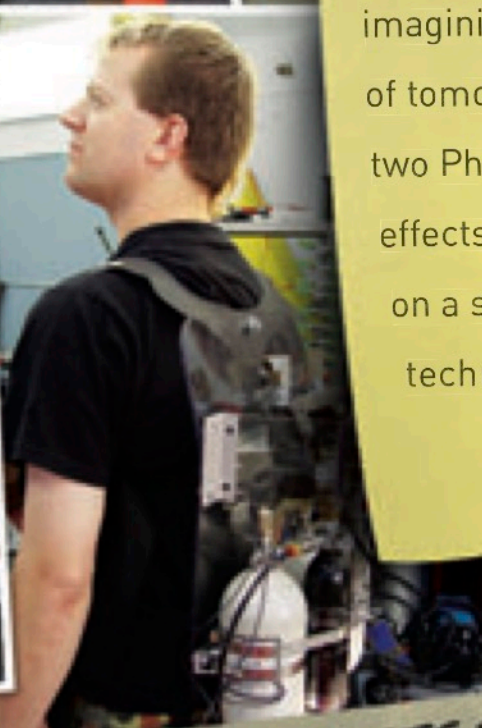
PROTOTYPE  
THIS

In an island warehouse in the San Francisco Bay, a team of engineers and PhDs are inventing the future, one prototype at a time. This crack team takes on the problems of today's world by imagining the craziest, one-of-a-kind prototypes of tomorrow, and then builds them. Consisting of two PhDs, an electrical engineer and a special effects wizard, the *Prototype This* team takes you on a spectacular journey through the emerging technology of the future.

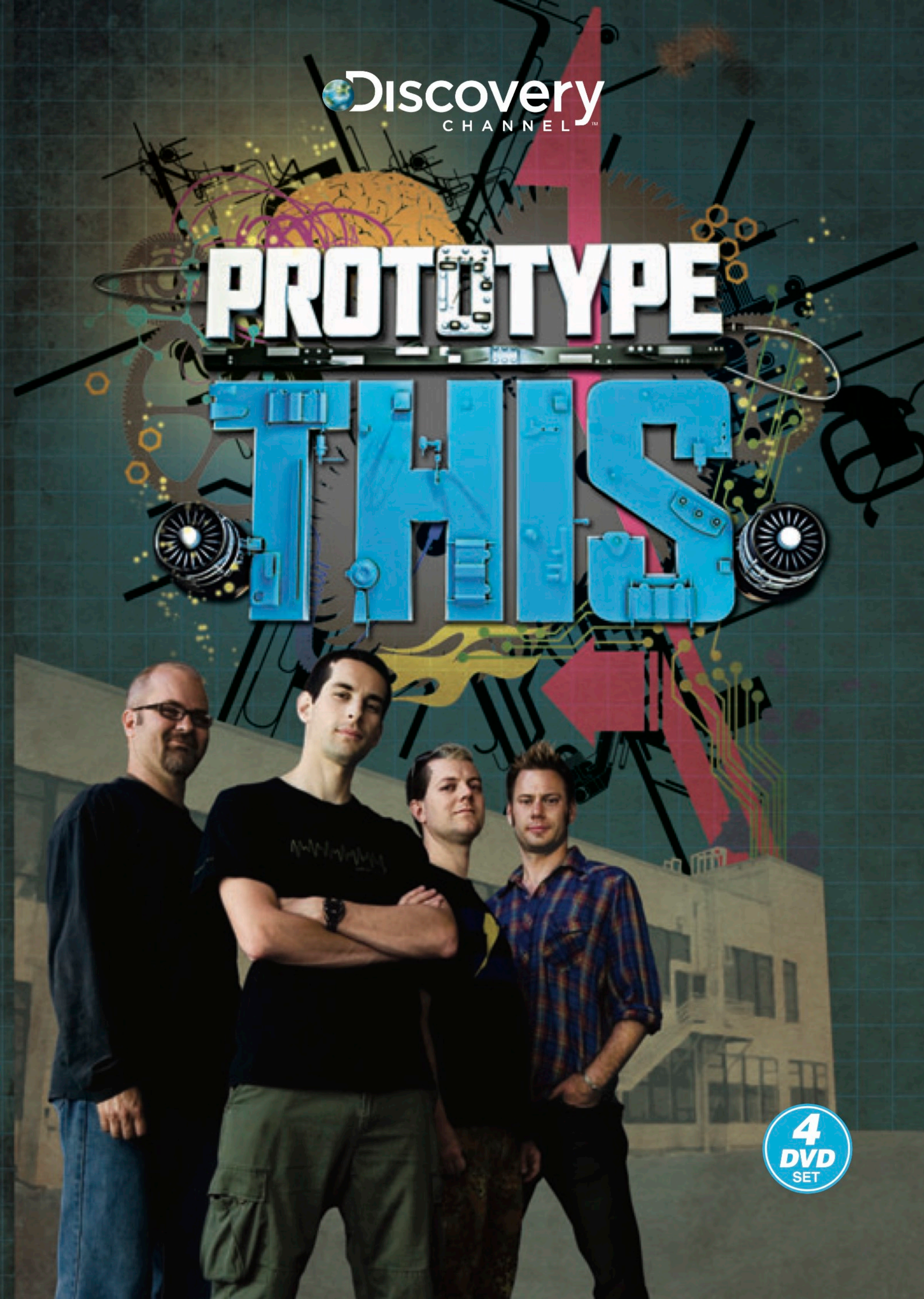
6x6 All-Terrain Runner



WATER SLIDE



AIRBAG HARNESS



©2009 Discovery Communications, LLC. Discovery Channel and the Discovery Channel logo are trademarks of Discovery Communications, LLC, used under license. All rights reserved. [discovery.com](http://discovery.com)

DiscoveryStore  
CHANNEL

To order DVDs and other products from any Discovery Communications network call 1.800.475.6636 or click [DiscoveryStore.com](http://DiscoveryStore.com).



DIGITALLY  
MASTERED



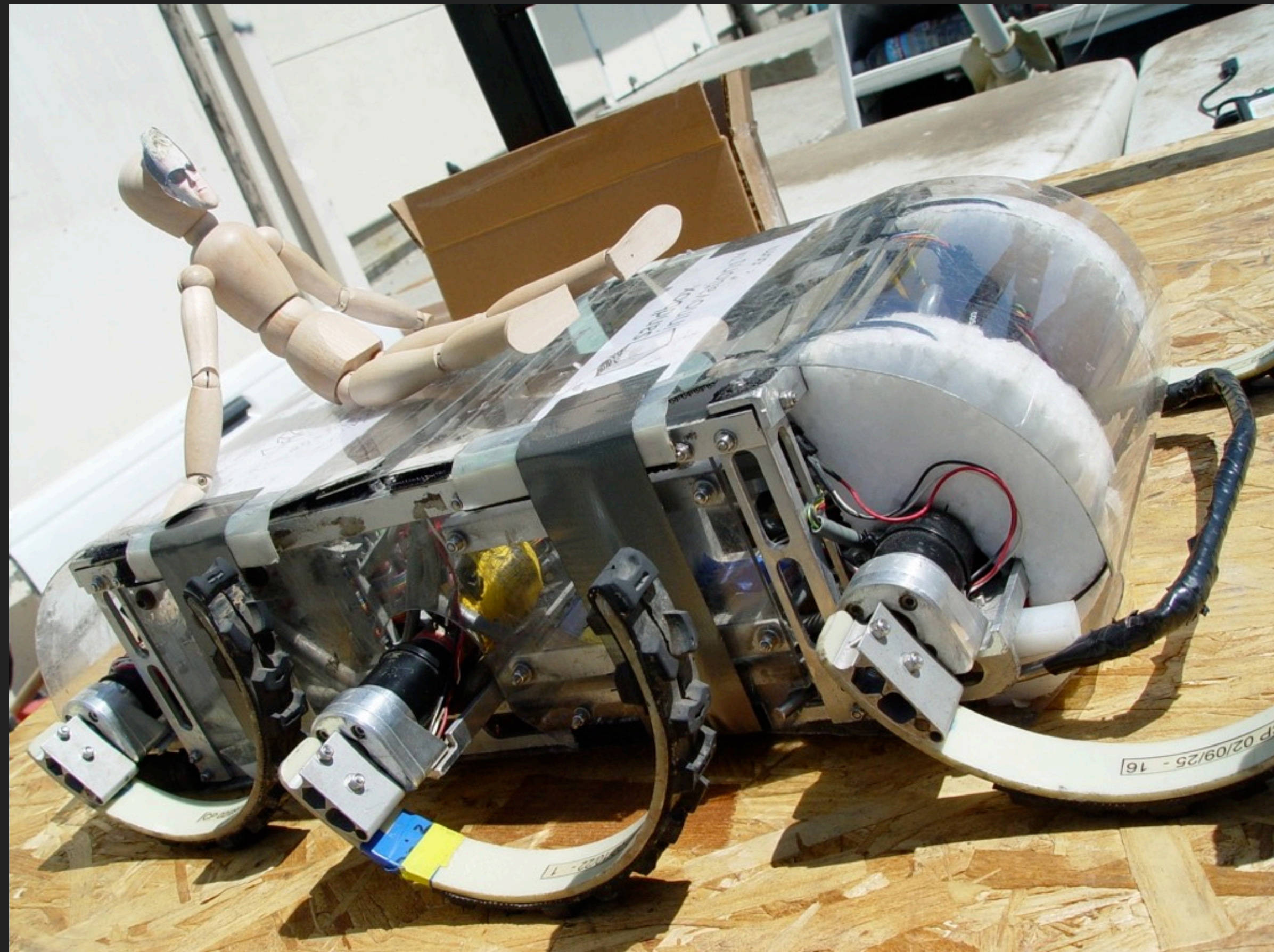
|   |                                 |                 |
|---|---------------------------------|-----------------|
| Subtitle:<br>English SDH                        | 16:9 Anamorphic<br>Aspect Ratio | Rating:<br>TV-G |
| Feature Running Time:<br>Approximately 559 mins | Audio:<br>Dolby Digital 2.0     |                 |

540218



540218



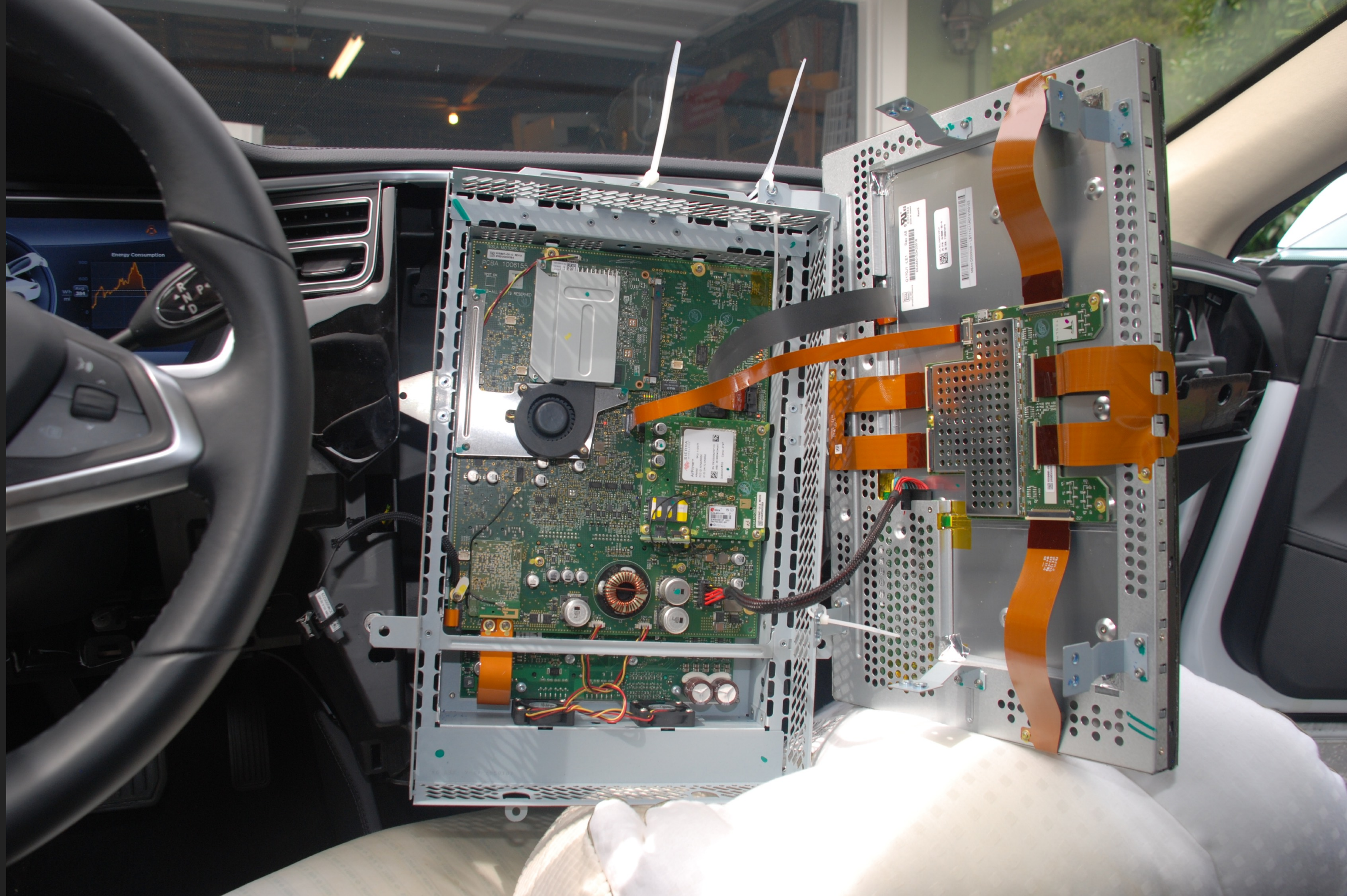


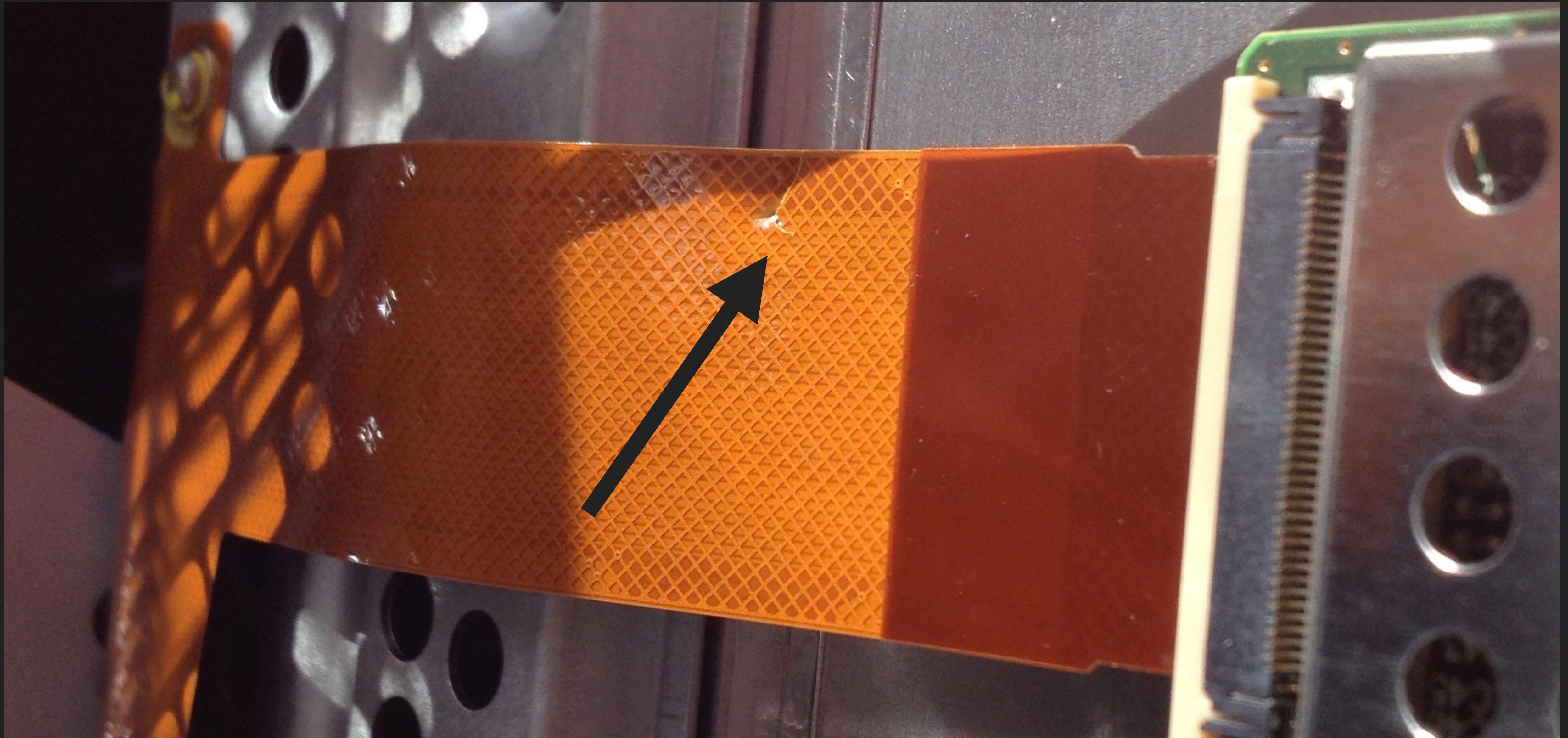








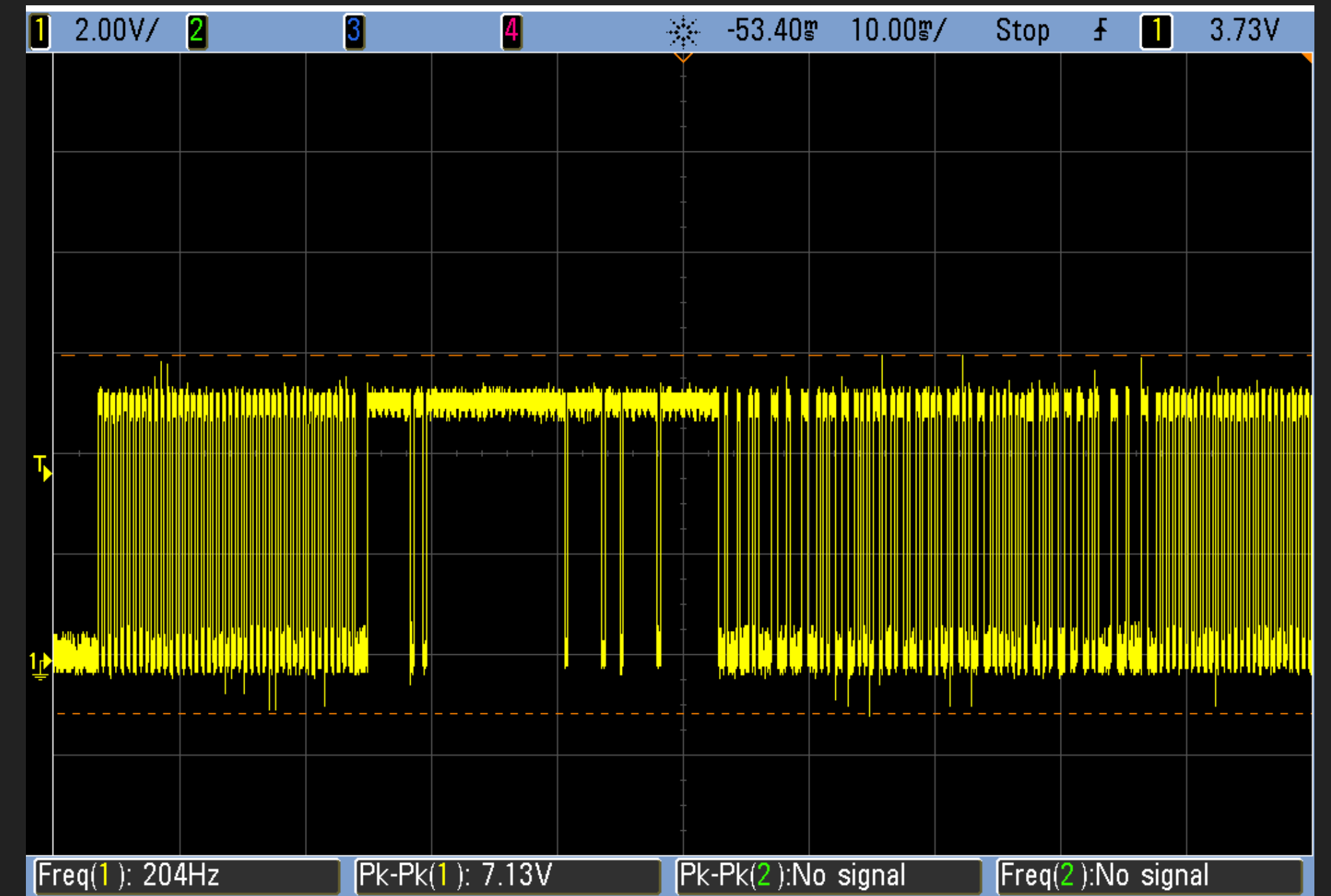
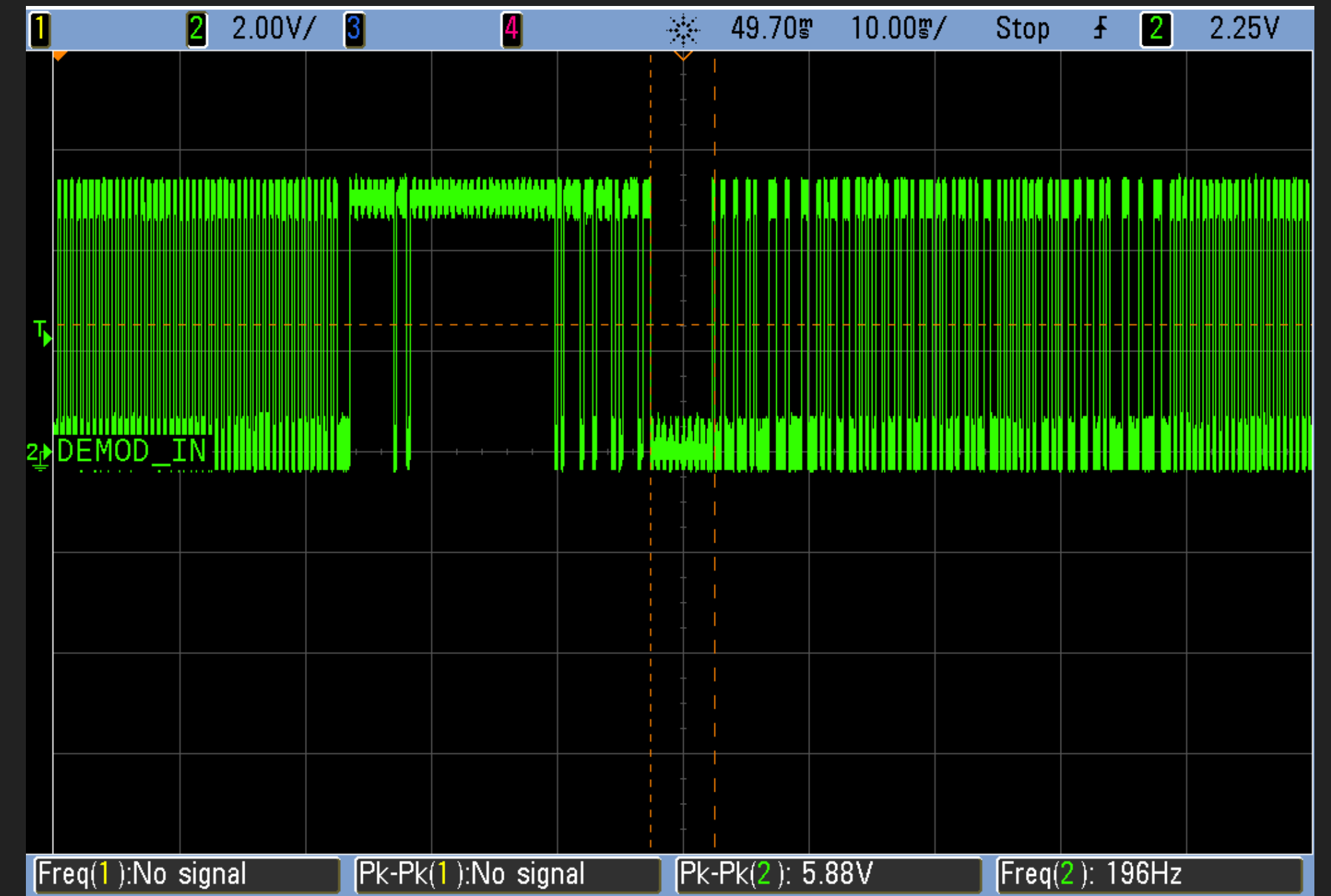
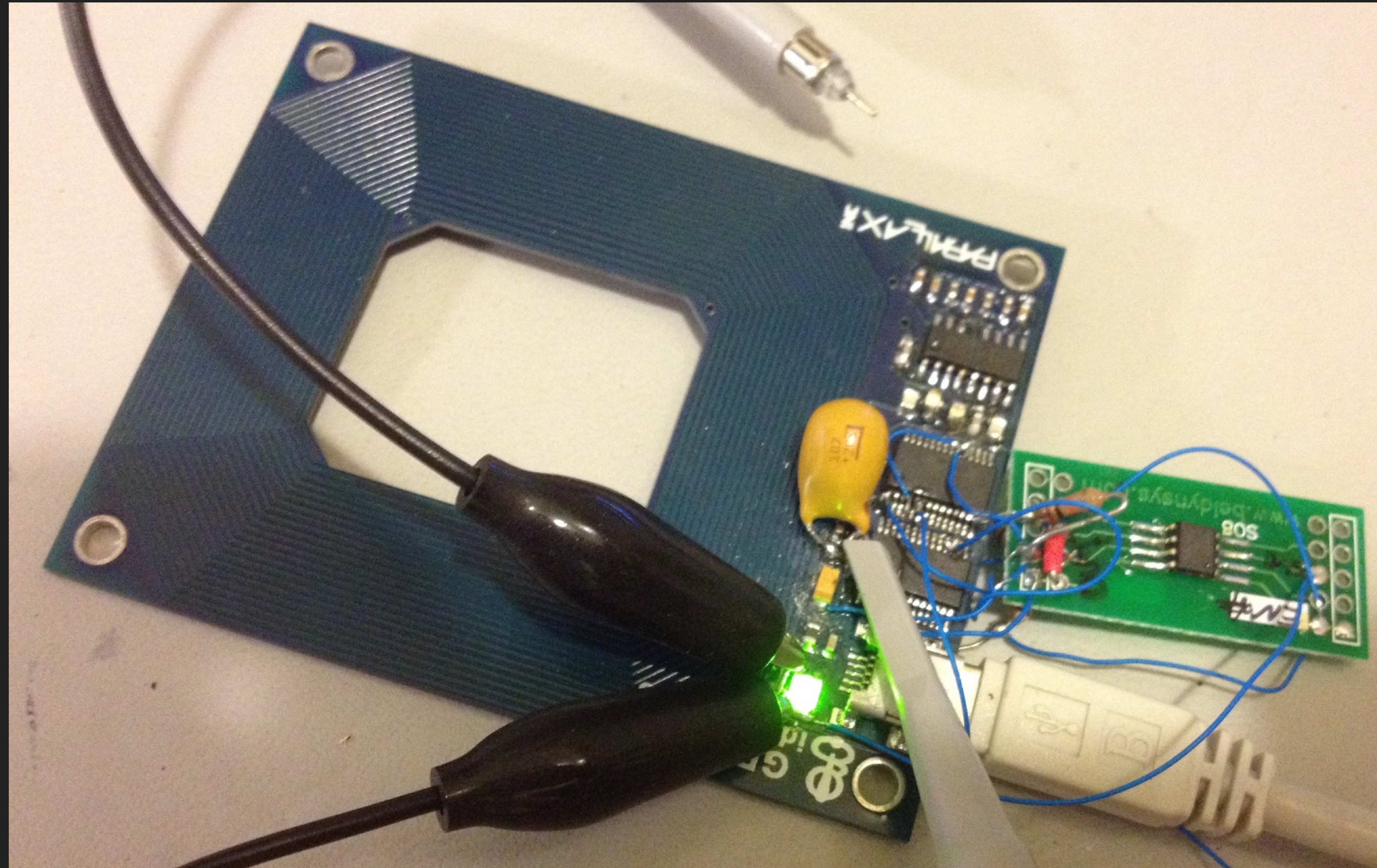






# RFID R/W

A low-cost solution to read and write passive RFID transponder tags up to 4 inches away!



Portion received from DEMOD\_OUT (valid tag & "error"):  
 11101011110011001100011000101111101110101011  
 0001010000110011001110011101000000010001010100 (inverted)  
 0010101000100000001011100111001100110000101000 (flipped)  
 ^^^ matches data received in RFbuffer!

125 kHz  $\rightarrow$  8us period  
 $T_{tag} = 64 T_{oc}$   
 (read bit period)  $\downarrow$   
 517ns  
 1953 bits/second

Breakpoint @ "return err" of read\_4150()  
 RFbuffer (1s complement, MSB, [6]...[0]):  
 00000101010 0 10101000 1 00000001 0 11100111 0 01100110 0 00101000  
 01 E7 66 28

00010100 0  
 01100110 0  
 11100111 0  
 10000000 1  
 00010101 0 <- Column even parity bits

00000101010 0 00000001 1 00000001 1 00100110 0 01010000 1 01110110  
 01 26 50 76

01101110 1  
 00001010 0  
 01100100 1  
 10000000 1  
 10000000 0 <- Column even parity bits

ERR\_PARITY

00101010000 0 00000000 0 00000000 0 00000000 0 00000000 0 00000101  
 00101010000 0 00000000 0 00000000 0 00000000 0 00000000 0 00001001  
 00010010110 0 00000000 0 00000000 0 00000000 0 00000000 0 00000001  
 00101011111 1 11111111 1 11111111 1 11111111 1 11111111 1 11110101  
 11010100000 0 00000000 0 00000000 0 00000000 0 00000000 0 00001010 (^^^ inverted)

ERR\_00000000

11111010101 1 11111111 1 11111111 1 11111111 1 11111111 1 11111111  
 11110101001 1 11111111 1 11111111 1 11111111 1 11111111 1 11111111  
 11110101111 1 11111111 1 11111111 1 11111111 1 11111111 1 11111111  
 11101101001 1 11111111 1 11111111 1 11111111 1 11111111 1 11111111

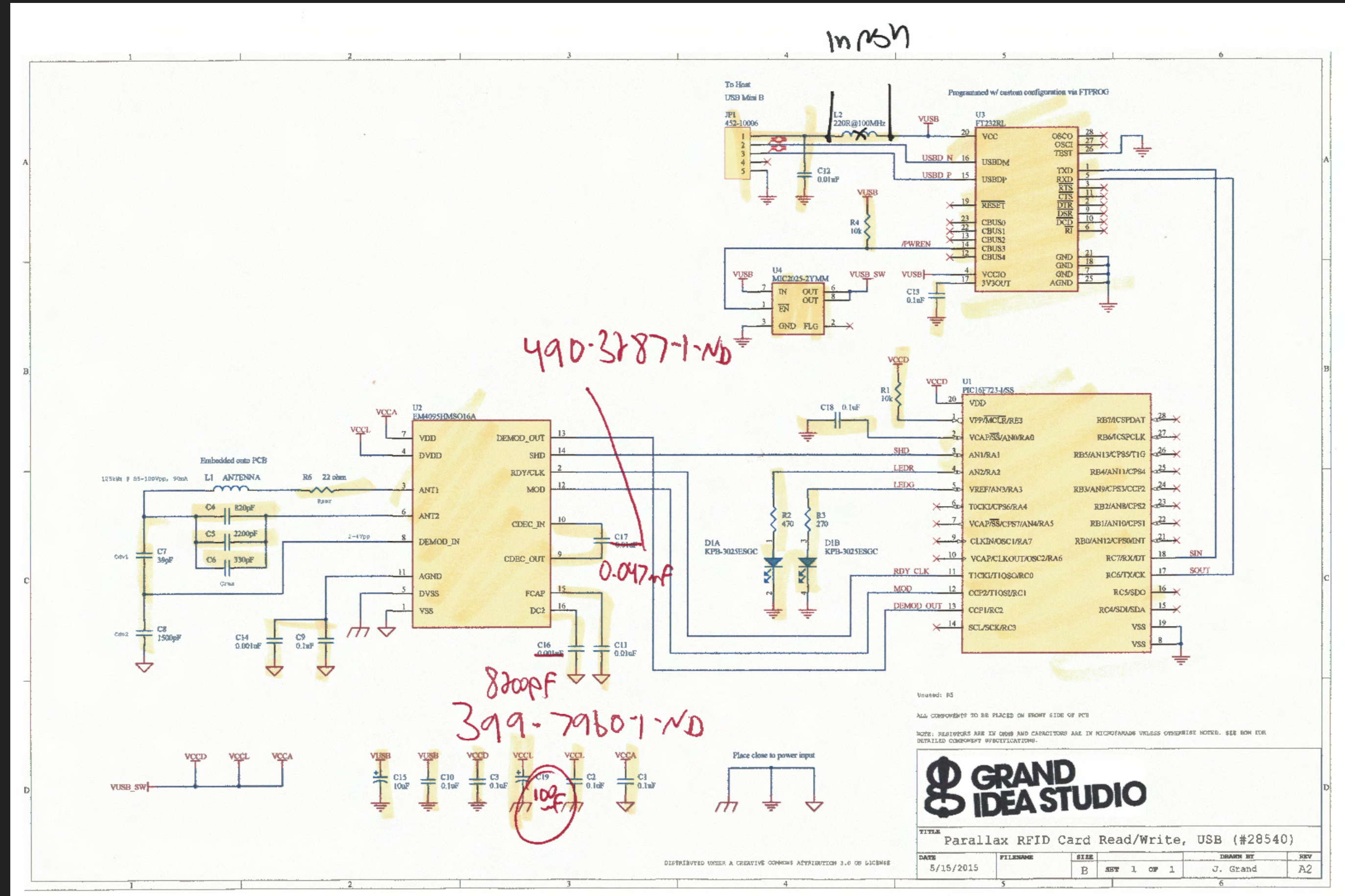
UNMODIFIED FW

3712 ERROR = 6.3%, 8:43 ELAPSED  
 58912 TOTAL

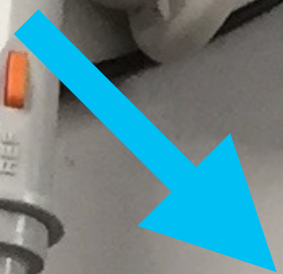
MODIFIED FW (DOUBLE CHECKING)

284 ERROR = 0.24%, 13:59 ELAPSED  
 120403 TOTAL

MODIFIED FW. PROPER ANTENNA TUNING. NO DEBOUNCE: 4/14/966 = 0.003%, 14:56

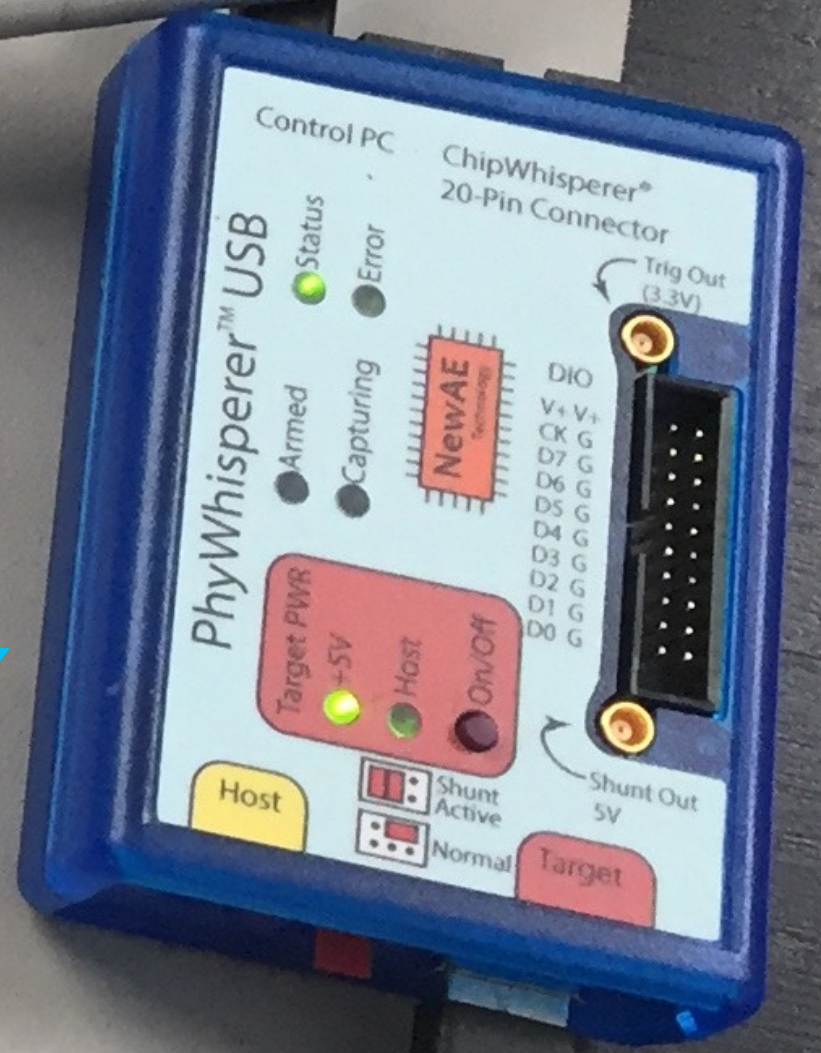


SEGGER J-LINK



CHIPWHISPERER

PHYWHISPERER













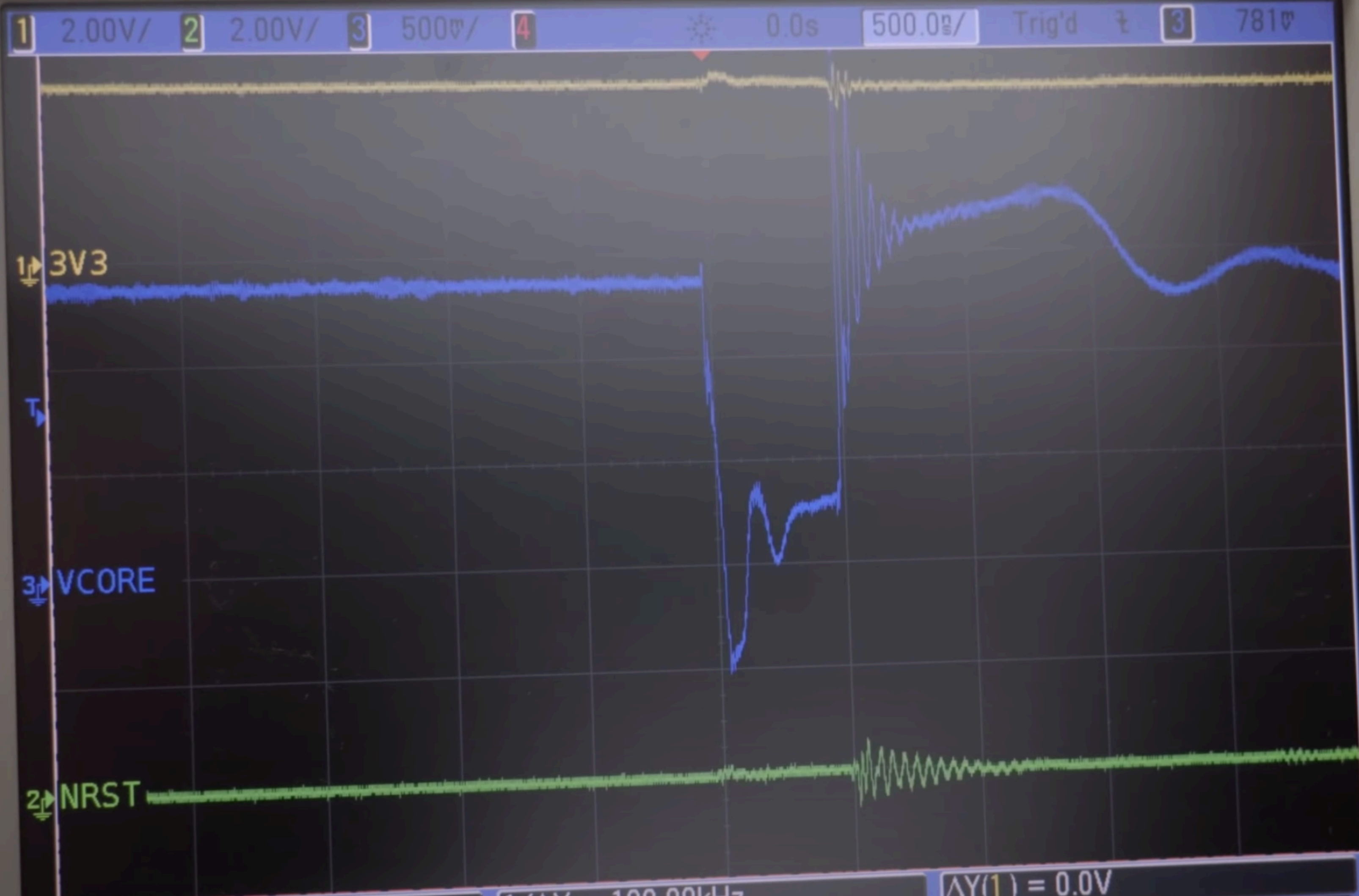
Agilent Technologies

InfiniiVision

DSO7054A  
Digital Storage Oscilloscope

500 MHz  
4 GSa/s

MEGA Zoom



Edge Mode Coupling Pulse Width Pattern More

Auto Scale File Save Recall Print Utility

Push to Select Meas Waveform

Cursor Acquire

Quick Meas Display Intensity

Vertical

1 2 3

Math Label

AC 500 AC 500 AC 500

BW BW BW



1 2 3





M1003236-095M0717



US PAT 7466902

M1022771

R250

P56 242

M1024826

MARVELL W897-01 Z07ASUP

1400

M1022756 US PAT 7,488,902

KUS030202M-B000  
NAKE929W1 710  
SEC 707  
K90MGY8S0M 4000  
MAKC479N



2R2  
714  
CDX

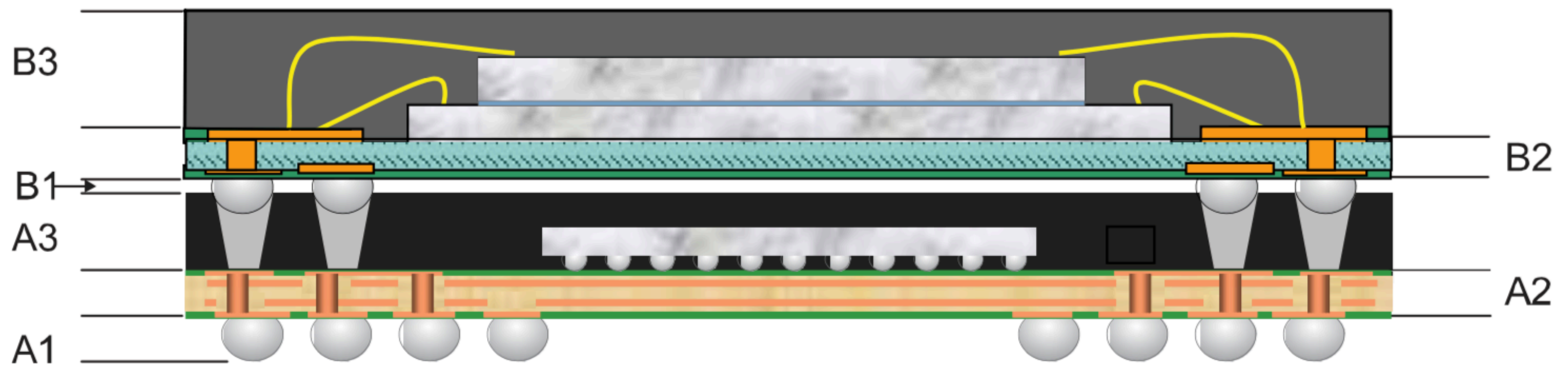
560

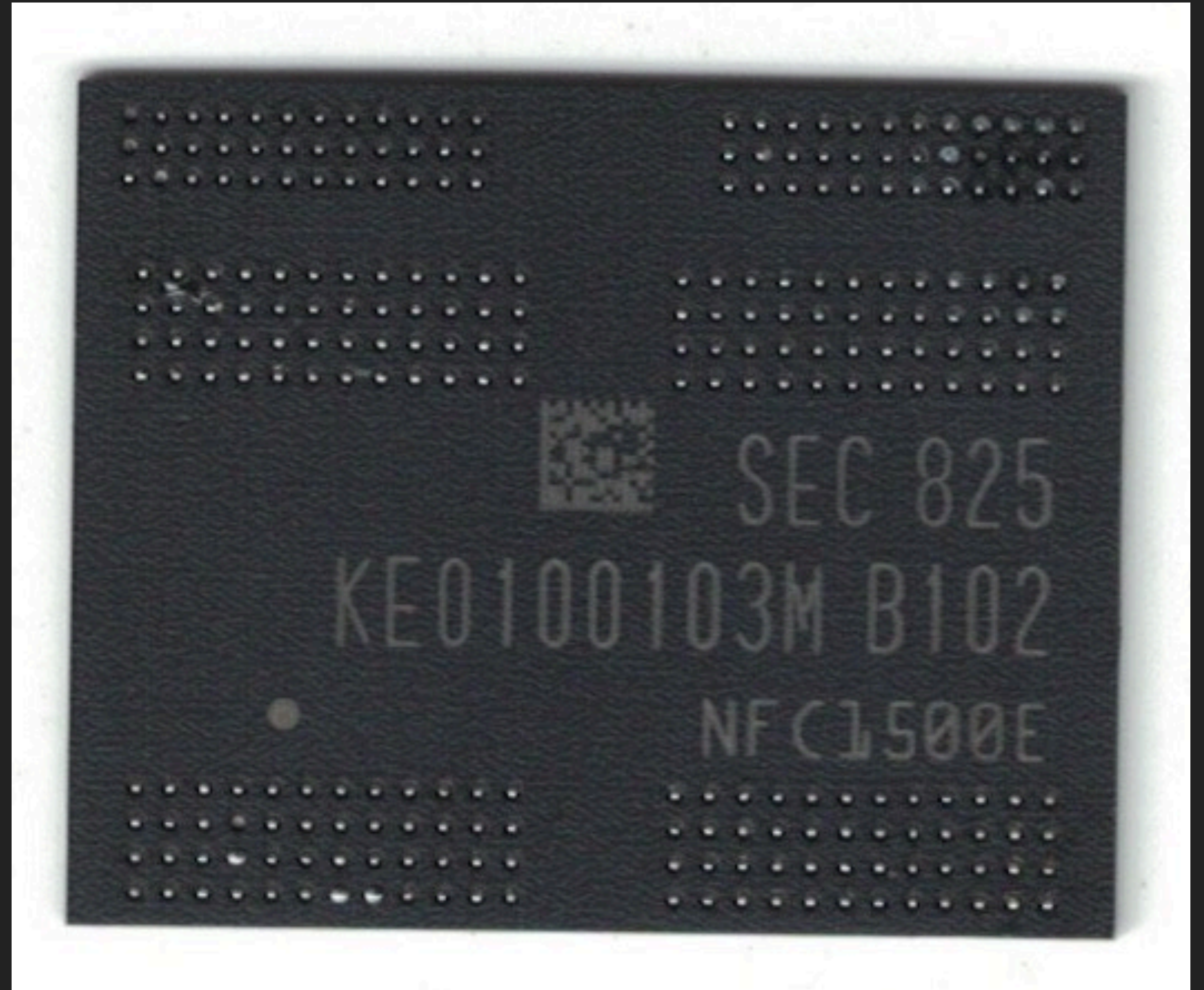
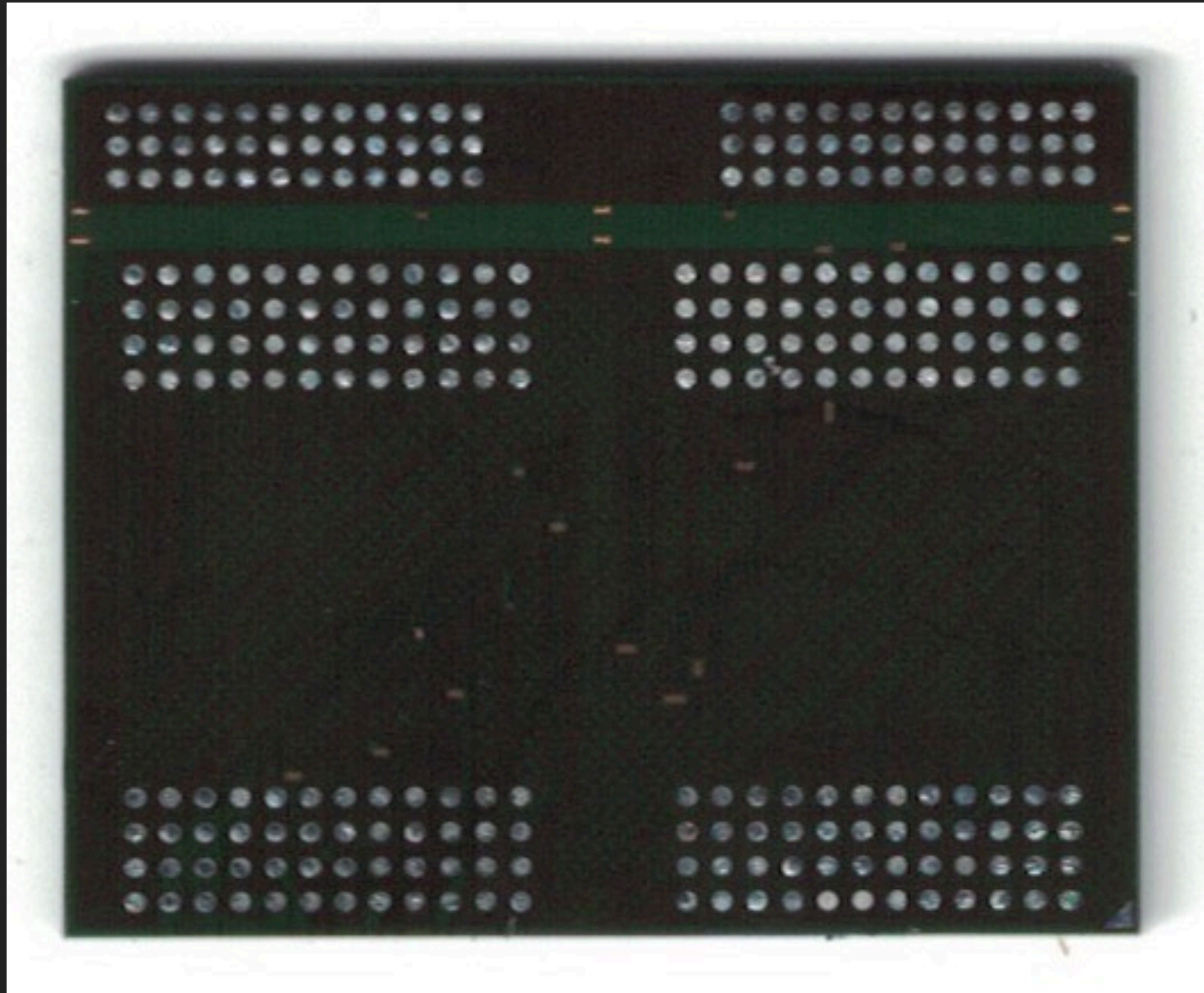
560

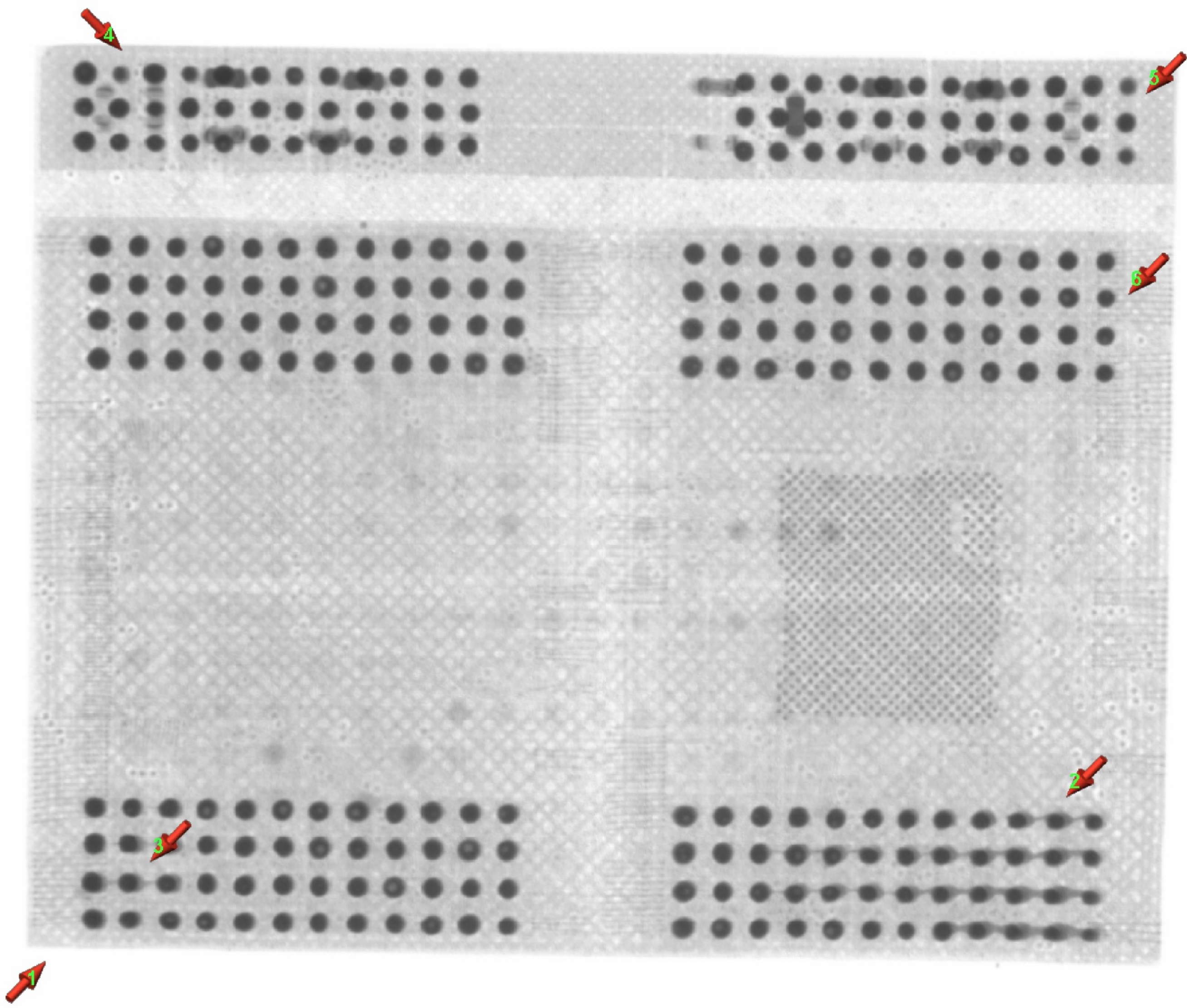
1R5

10S

R010





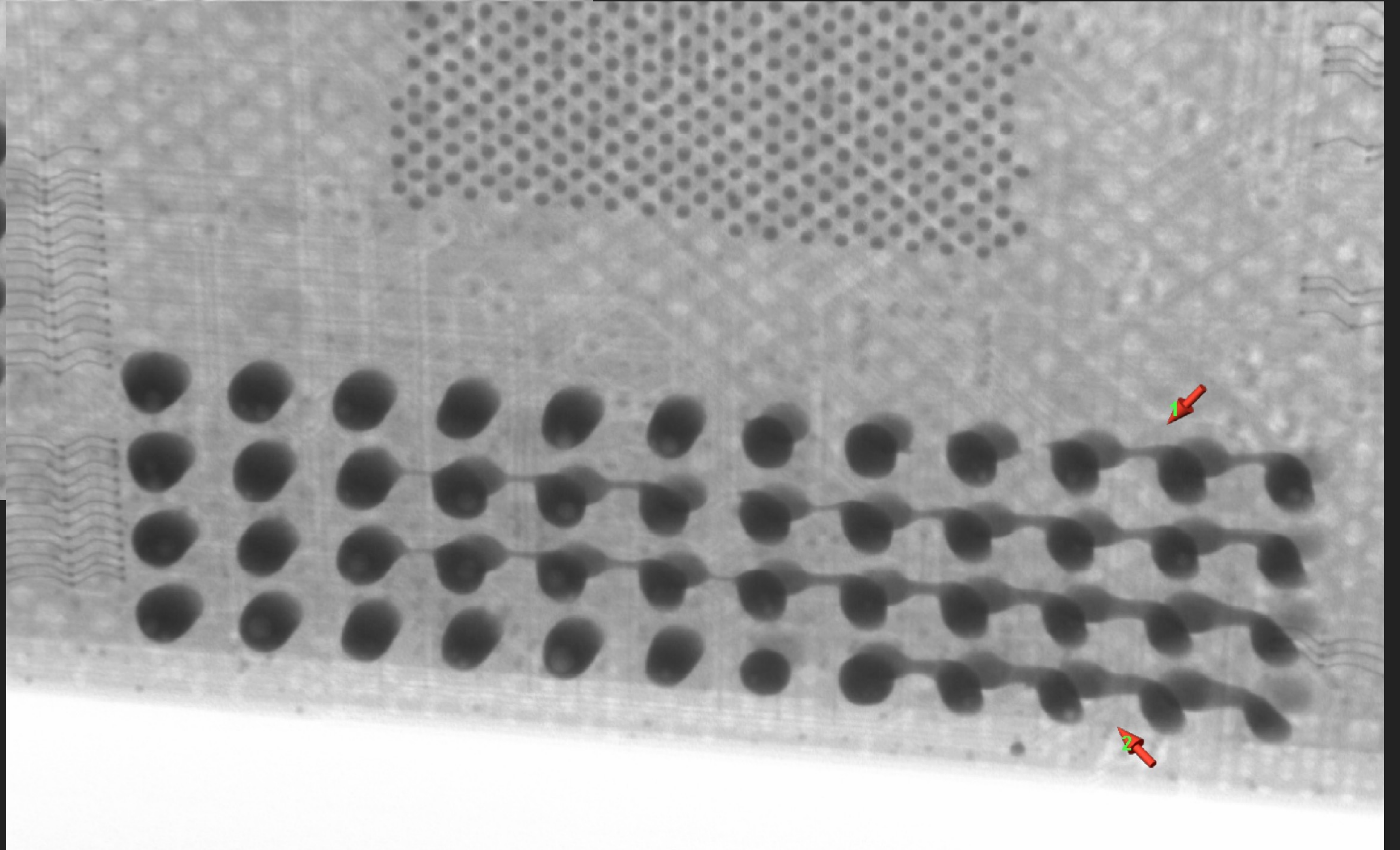
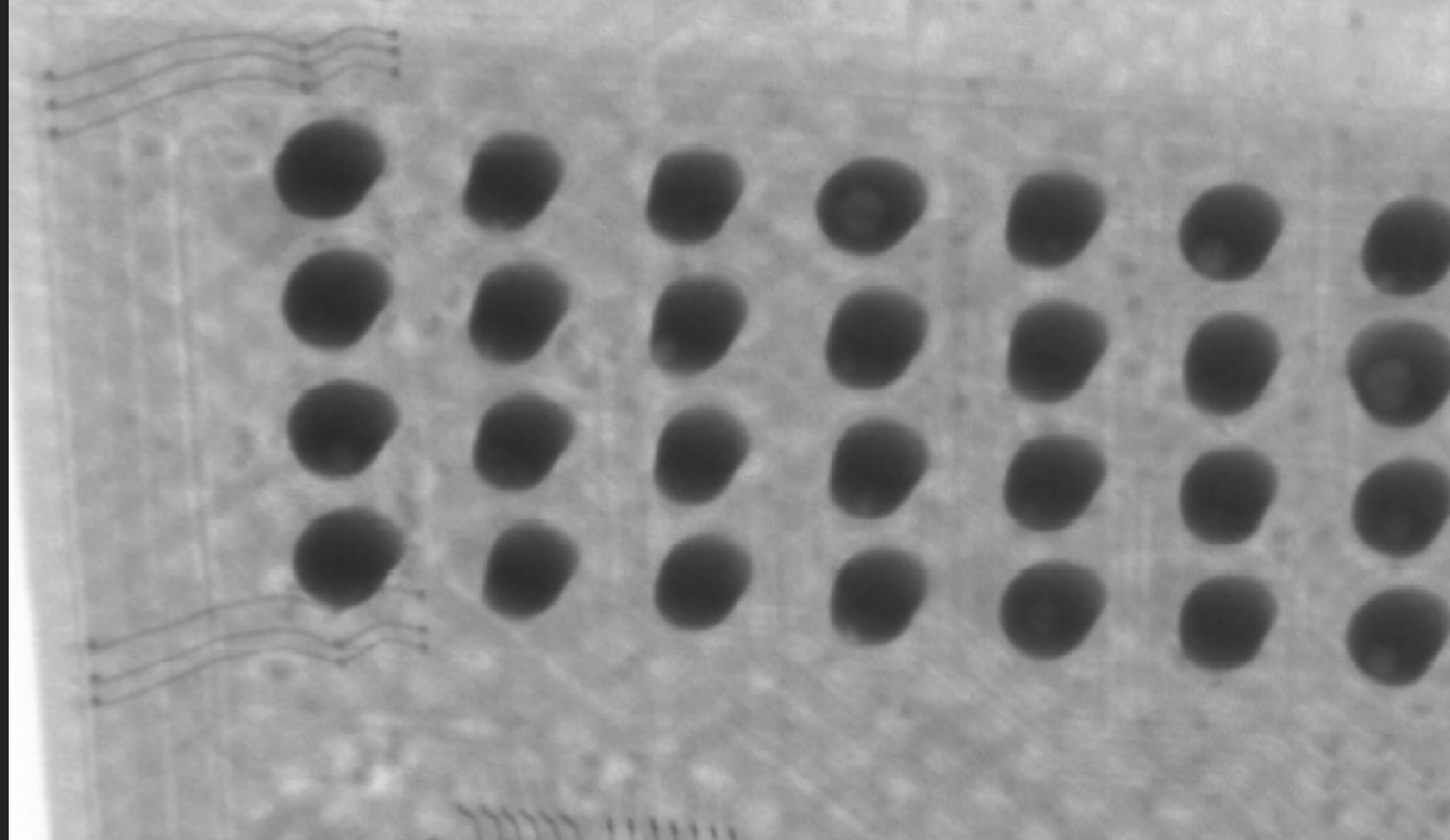
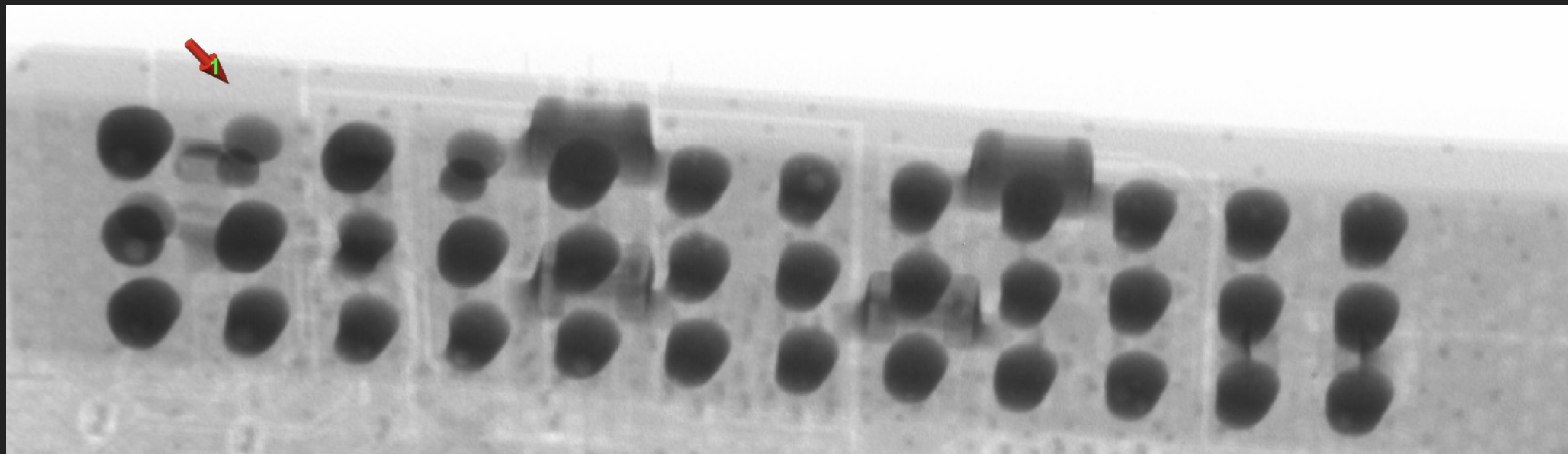


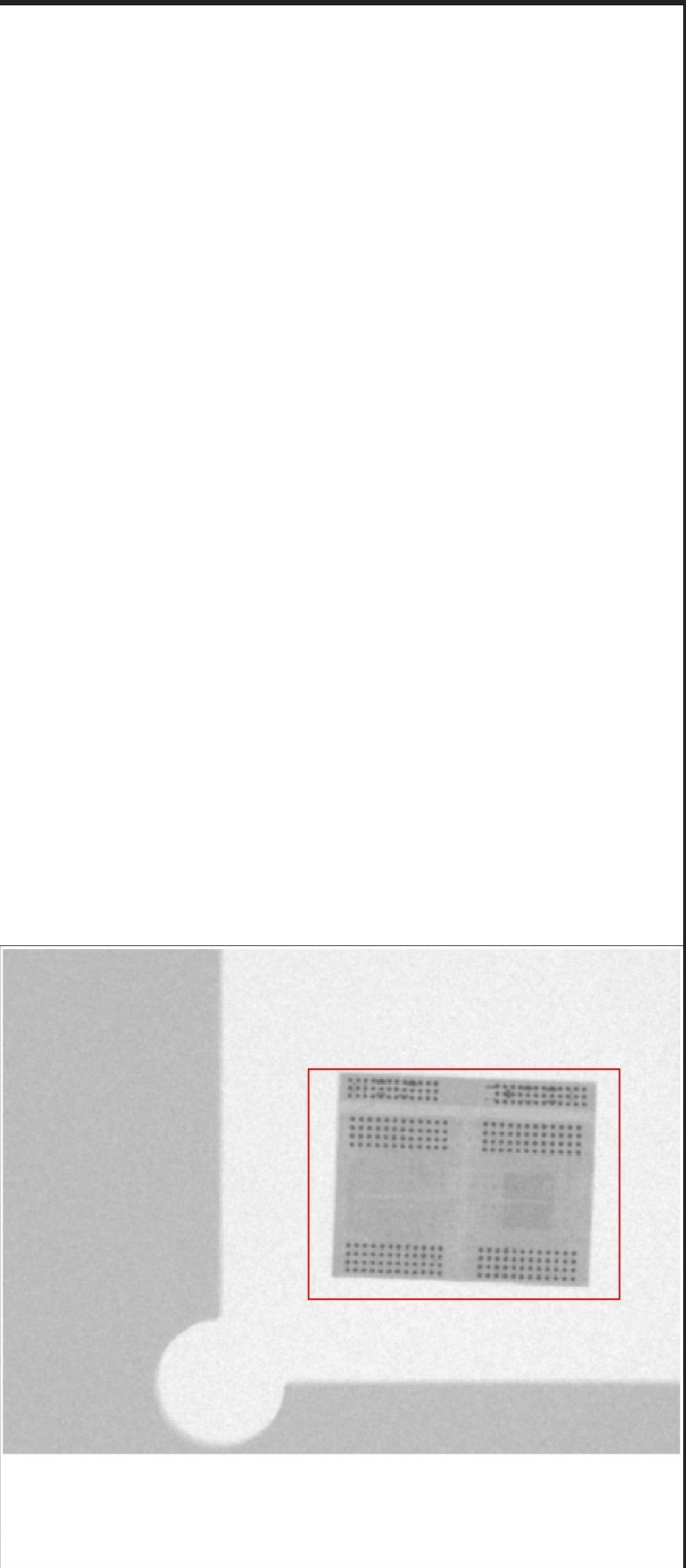
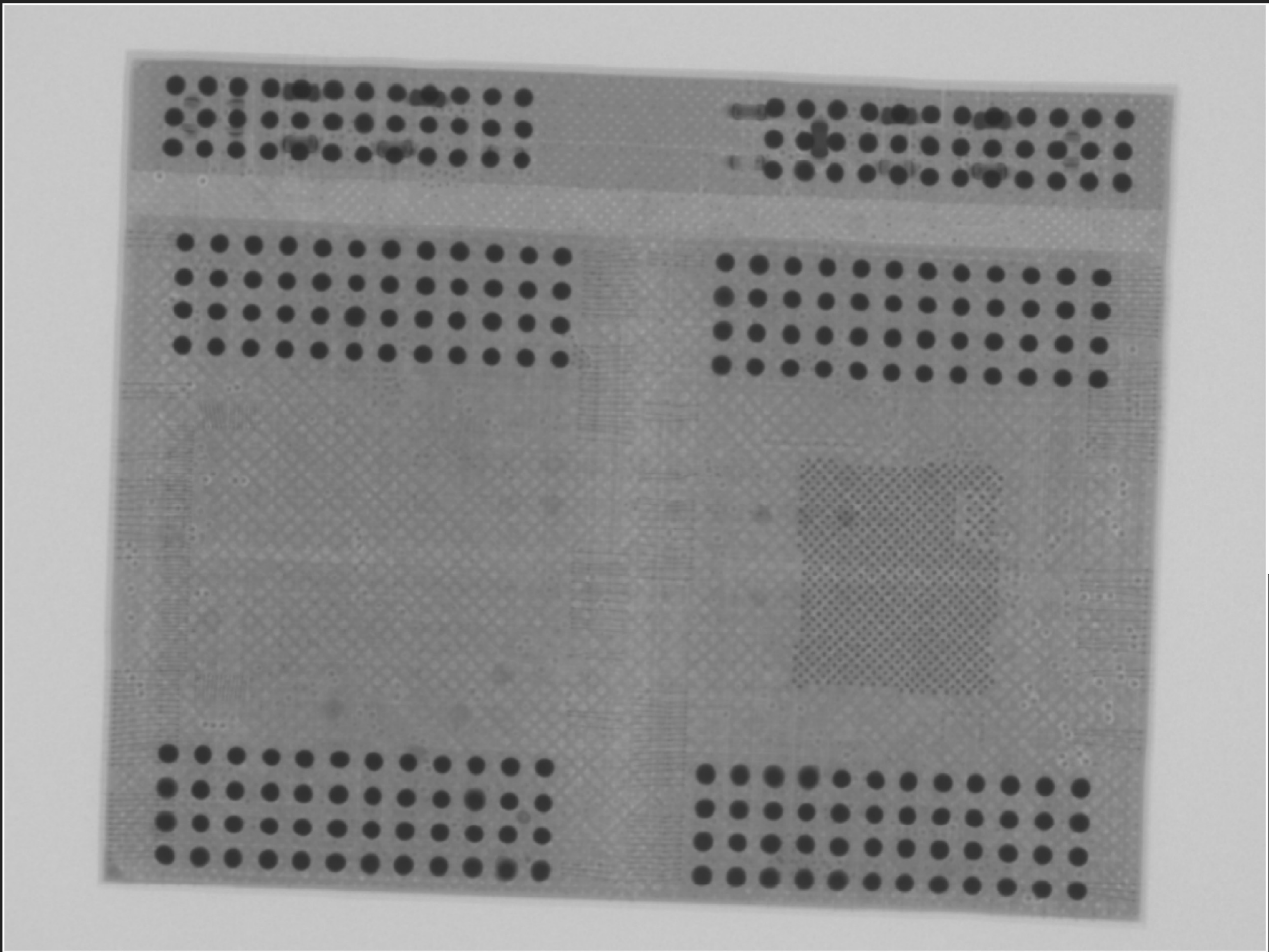
- 1] pin A1
- 2] open and short
- 3] open and short
- 4] open
- 5] open
- 6] open



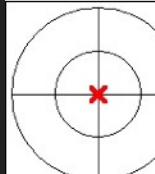
5.0mm

Tube voltage: 90 kV  
Tube power: 2.0 W  
Filter+Stretch: None  
Averaging: 64 frames

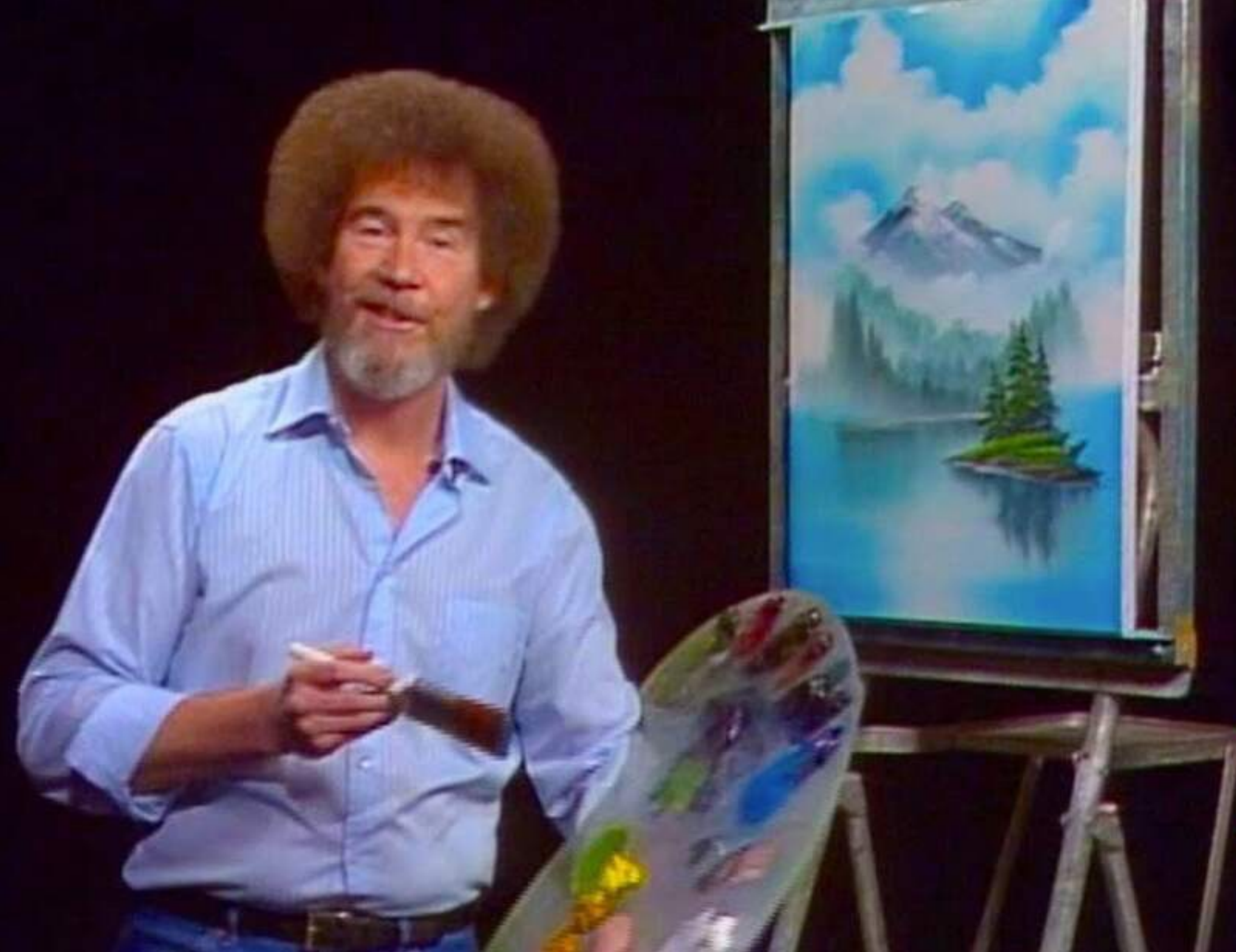




5.0mm



Tube voltage: 100 kV  
Tube power: 2.4 W  
Filter+Stretch: None  
Averaging: 64 frames



**AS LONG  
AS YOU'RE  
LEARNING,  
YOU'RE NOT  
FAILING.**

*Bob Ross*



**THE END!**

