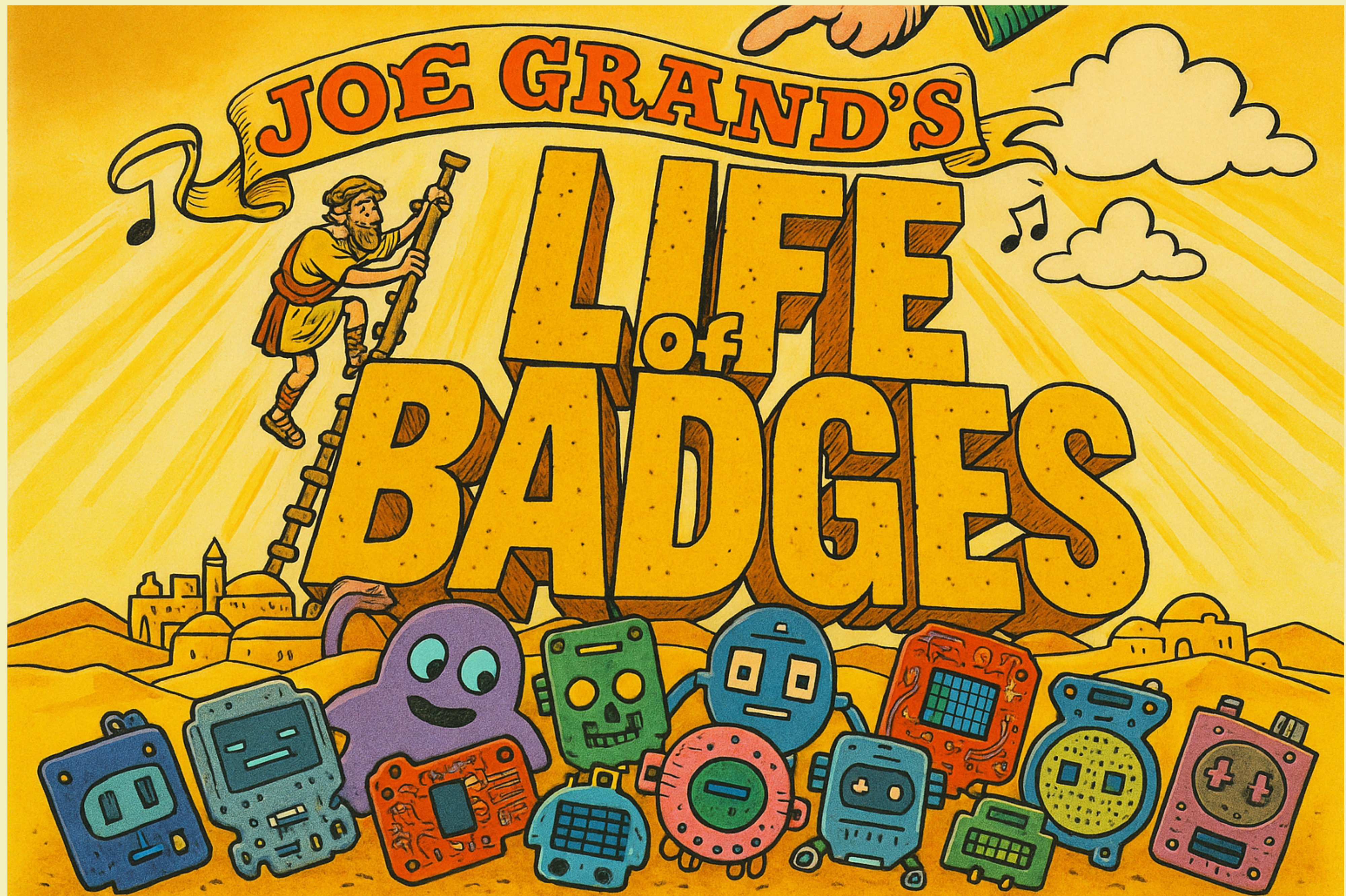
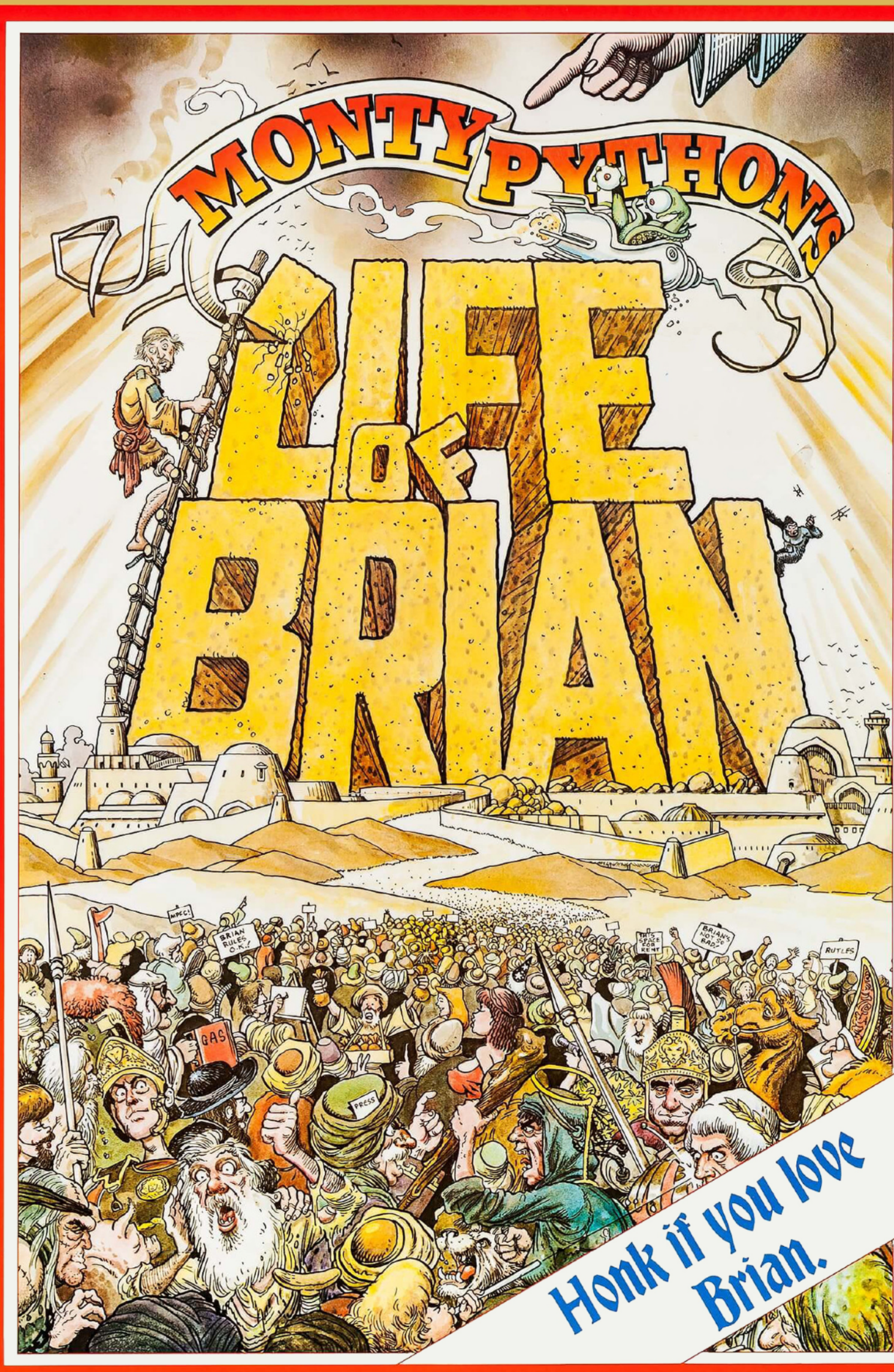




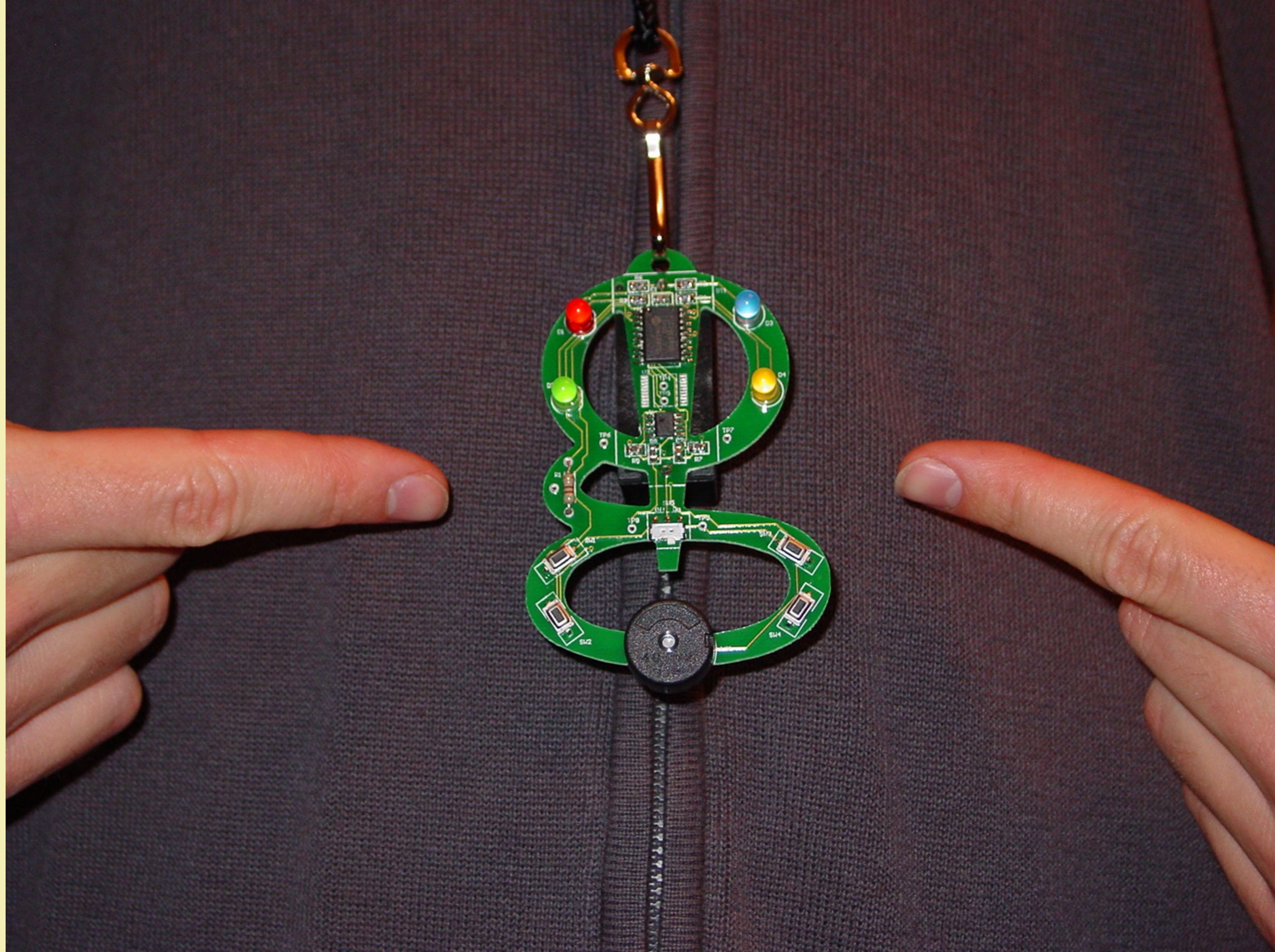


HANDMADE FILMS Presents MONTY PYTHON'S "LIFE OF BRIAN" Starring and Written by GRAHAM CHAPMAN, JOHN CLEESE, TERRY GILLIAM, ERIC IDLE,
TERRY JONES, MICHAEL PALIN Executive Producers GEORGE HARRISON, DENIS O'BRIEN Produced by JOHN GOLDSTONE
Directed by TERRY JONES Animation & Design by TERRY GILLIAM

R RESTRICTED
UNDER 17 REQUIRES ACCOMPANYING
PARENT OR ADULT GUARDIAN

ORIGINAL SOUNDTRACK AVAILABLE ON WARNER RECORDS & TAPES
READ THE PAPERBACK FROM FRED JORDAN BOOKS/GROSSET & DUNLAP

A WARNER BROS. / DOLBY PICTURES RELEASE
thru WARNER BROS. A Warner Communications Company
© 1979 PYTHON (MONTY) PICTURES LTD. ALL RIGHTS RESERVED.



DEFCON 14
BAOBE
CONCEPT
2/27/06
4-5pm

4 =
DIAMETER

WILL NOT
END UP POWTY

LEDs

PCB - SOLDERMASK:

→ Green → Gold
→ Blue → White (instead of yellow?)
→ Black → pink (?)
→ Red → purple
→ Yellow
vendor bldge: less cool
CUTOUTS

SILKSREEN:
→ WHITE
RED - NOT GOOD
BLACK

PIC10F320?

- SINGLE BUTTON:
(WAKE ON INT.)
NO NEED FOR POWER SWITCH

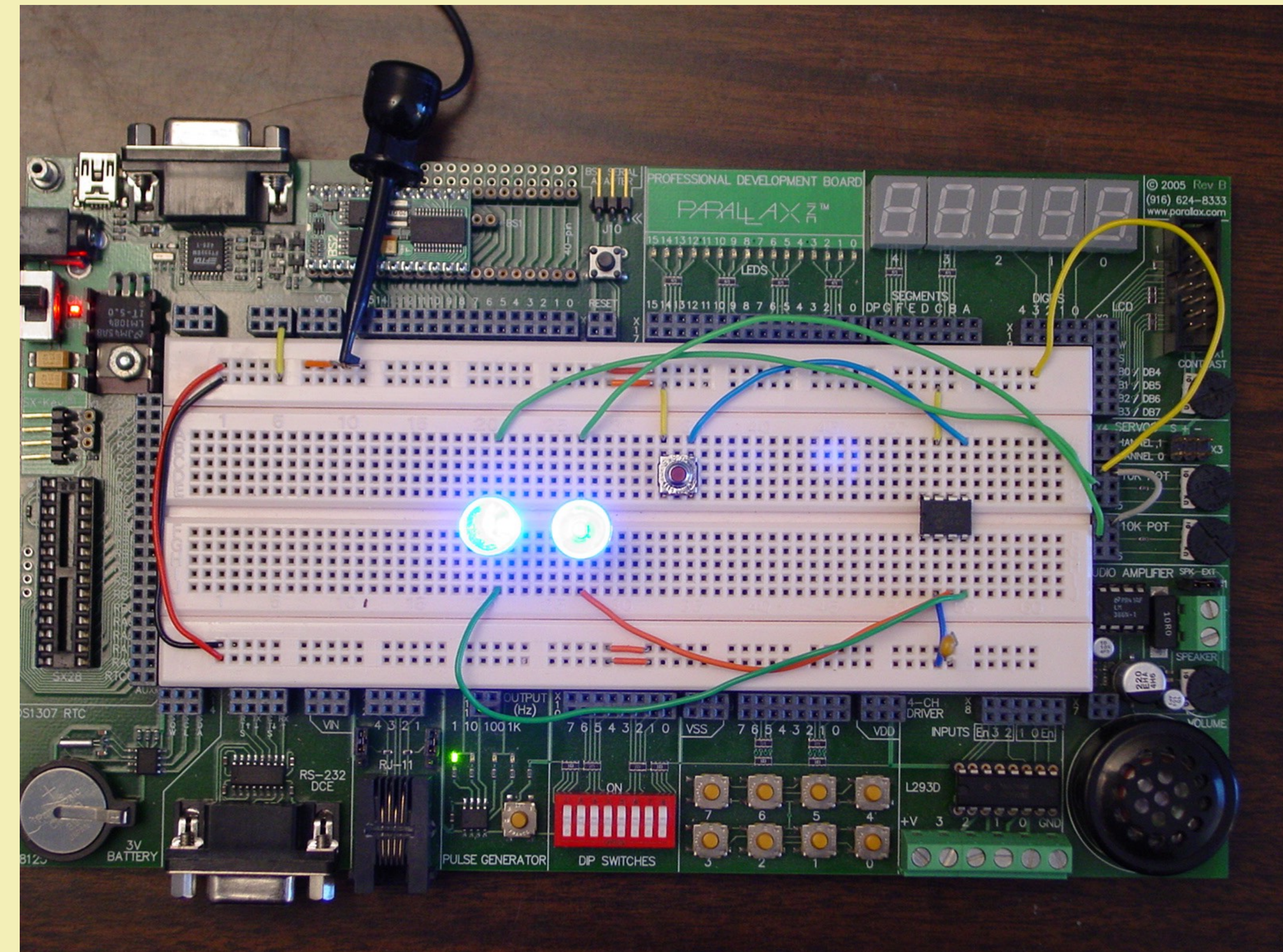
MODES: - STEADY ON
- BLINK
- ALTERNATING
- PWM DIMMING?

LED OR
CUTOUT
FRONT SIDE
ONLY
W/ CIRCUITRY
ON BACK? YES

BACK:

- LIS LOBO
- SILKSREEN AREA FOR AUTOGRAPHS

→ TRACES OR
SILKSREEN





DEFCON 14 Circuit Board Badge
Bill-of-Materials
Document Version 1.3, April 17, 2006

ALL PARTS RECEIVED

DEFCON c/o
Sent to Black Hat

Note: BOM is for budgetary purposes only and does not include shipping costs or taxes

Build Quantity 6055

Item	Quantity	Reference	Manufacturer	Manuf. Part #	Distributor	Distrib. Part #	Description	Unit Price	Per Build	MIN/ MULT	Extended Price
1	1	BT1	Keystone	3002TR	FAI	3002TR	Battery holder, 20mm coin cell, SMD	\$0.1050	6000	500/ 500	\$630.00
2					Mouser	534-3002TR		\$0.6100	60		\$36.60
3	1	N/A	Renata Batteries	CR2032	FAI	CR2032	CR2032 Lithium 3V Coin Cell Battery (225mAh)	\$0.2500	6075	500/ 25	\$1,518.75
4	1	C1	AVX	0603YC104JAT2A	FAI	0603YC104JAT2A	0.1uF bypass capacitor, 16V, X7R, 0603	\$0.0095	8000	4000/ 4000	\$76.00
5	2	D1,D2	Lumex	SSL-LX100133USBC	FAI	SSL-LX100133USBC	10mm LED, Blue water clear, 800mcd, 3.5V	\$0.7000	12200	100/ 100	\$8,540.00
6	2	R1,R2	Any	CRCW0603-102JRT1	FAI	CRCW0603-102JRT1	1.0k, 5%, 1/10W, 0603	\$0.0016	15000	5000/ 5000	\$24.00
7	1	SW1	Panasonic	EVQ-PPDA25	Digi-Key	P8087STR-ND	SPST momentary pushbutton switch, 240gf, 50mA, SMD	\$0.3250	6060		\$1,969.50
8	1	U1	Microchip	PIC10F202T-I/OT	Digi-Key	PIC10F202T-I/OTTR-ND	PIC Microcontroller, SOT23-6 (includes programming)	\$0.9416	6055		\$5,701.39
9	1	PCB	e-Teknet	DEFCON 1.0	e-Teknet	DEFCON 1.0	PCB (includes assembly and testing)	\$2.3100	6055		\$13,987.05

Total \$32,483.29
Approximate Per Unit Cost \$5.36

- Mikes to eTeknet
✓ C1, SW1, U1 RECEIVED & ACCEPTED

500 Rev
11700 BACKORDER
↑

TO SHIP DIRECT
FUTURE S ETERNET
6/12/06

6/7/06
500x D1,D2
15Kx R1,R2
6060x BT1
Box 1/2 ✓
Box 2/2 ✓

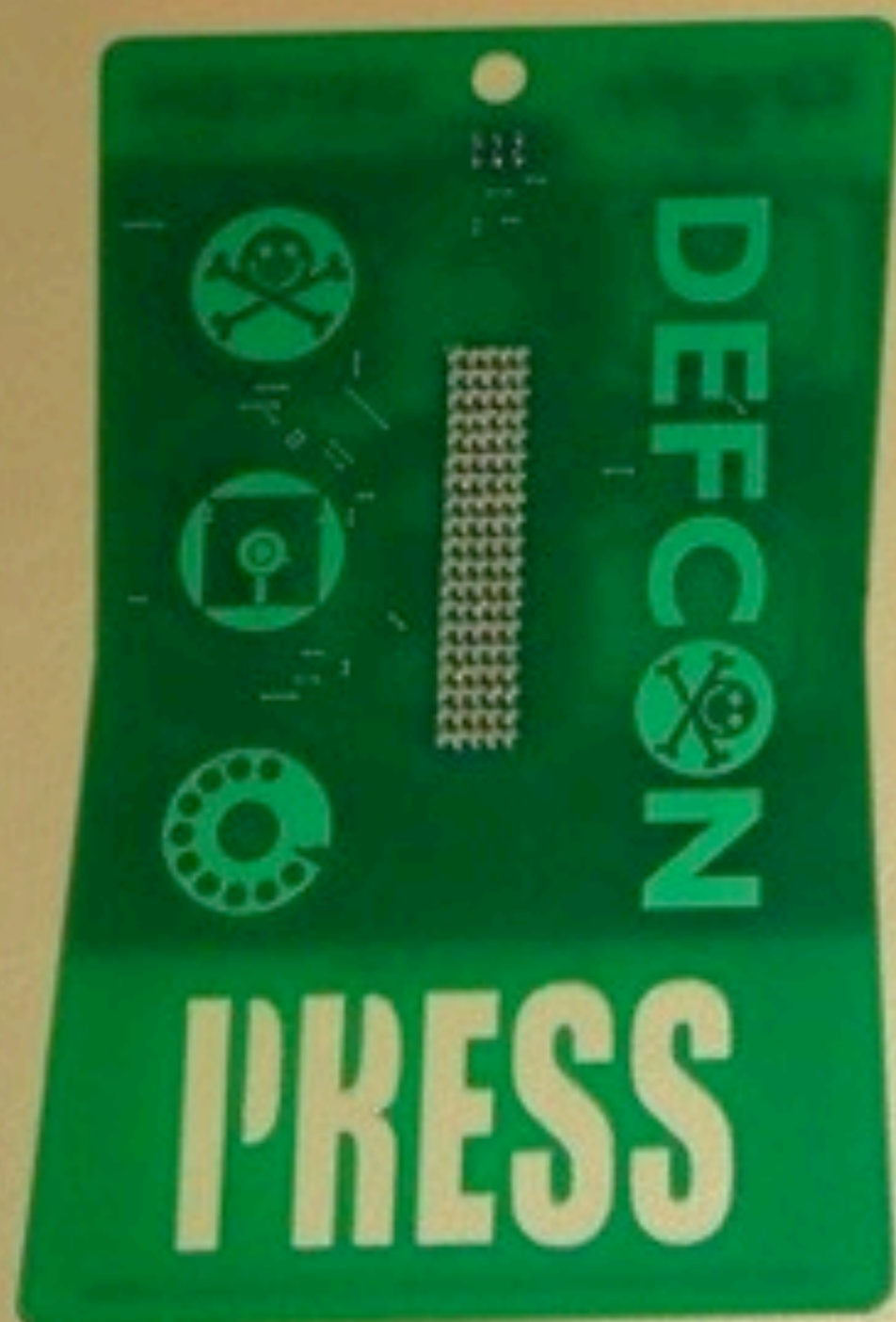
✓ 680 backorder
- Cancelled future
- online components.com
- rev. 6/28

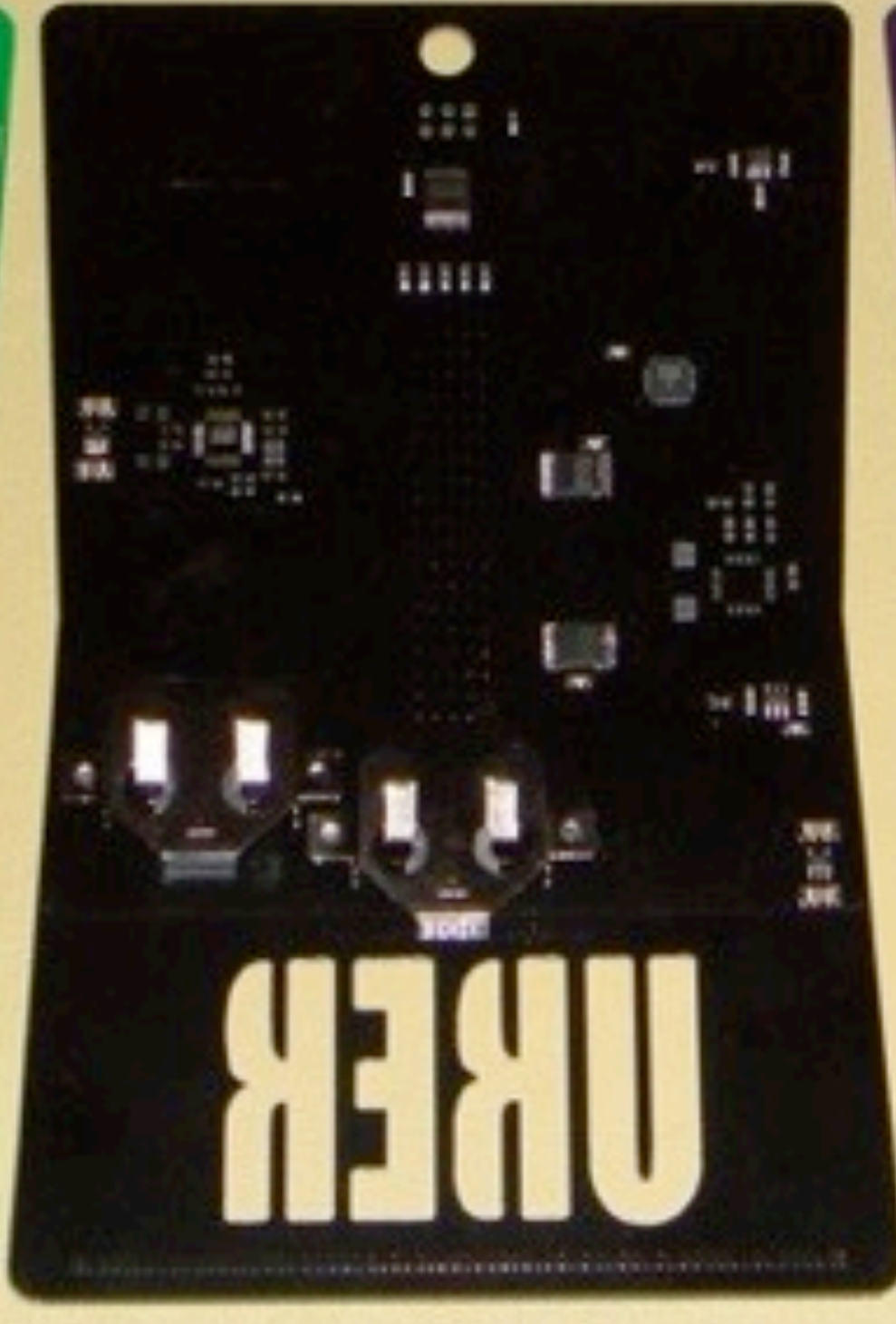
6/15/06
11000 RECEIVED
eTeknet
(200 + 2400 + 8400)

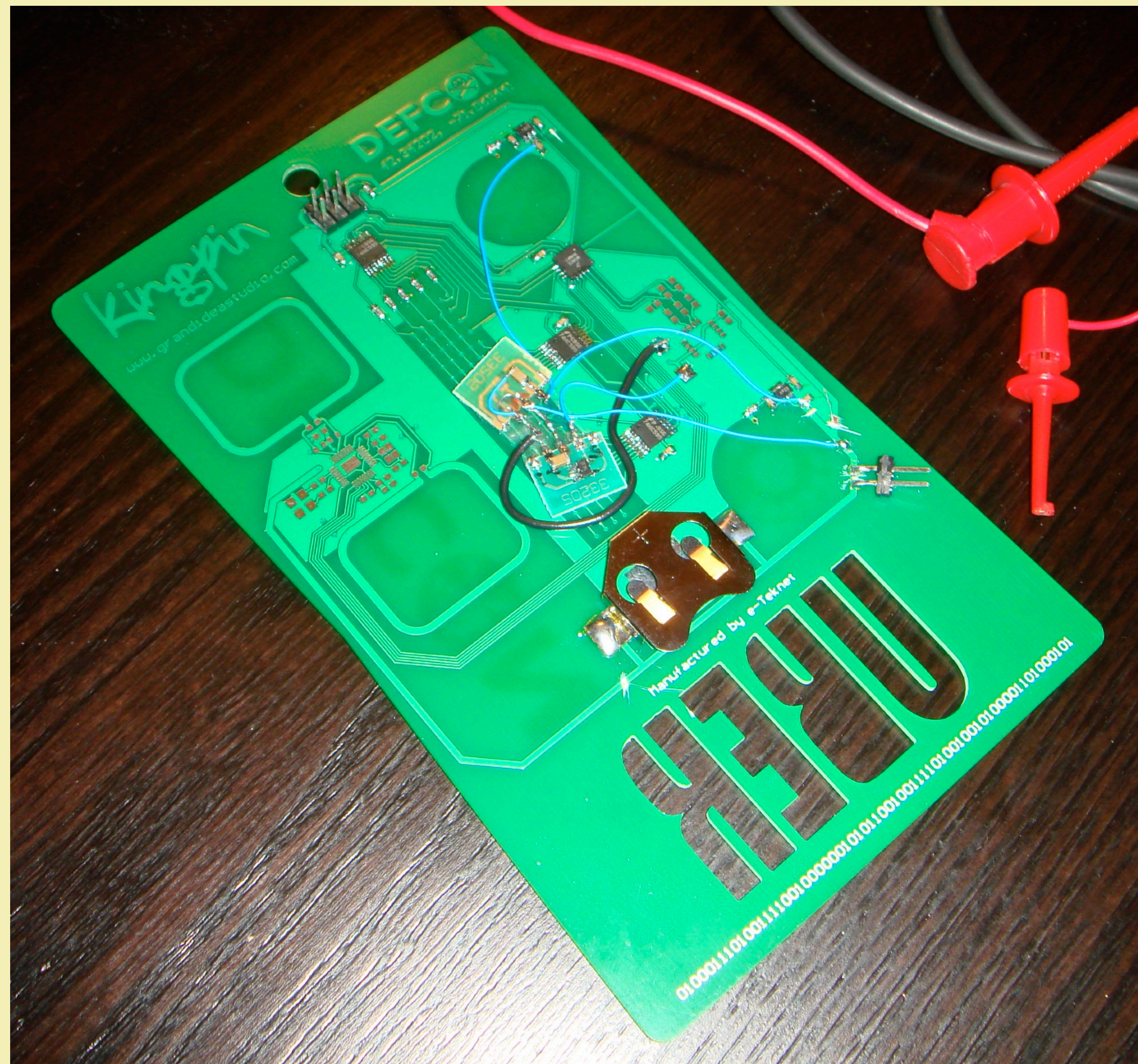
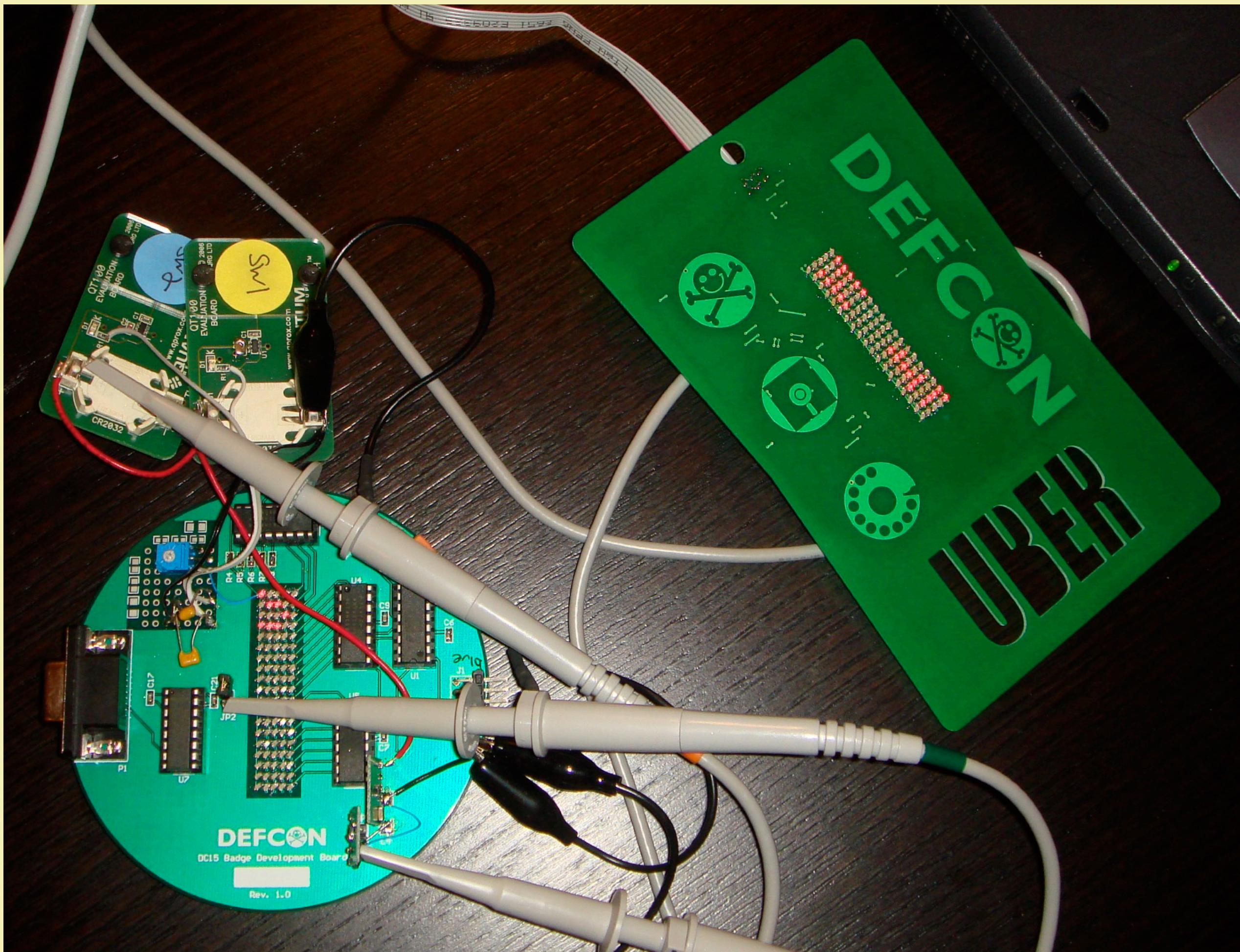


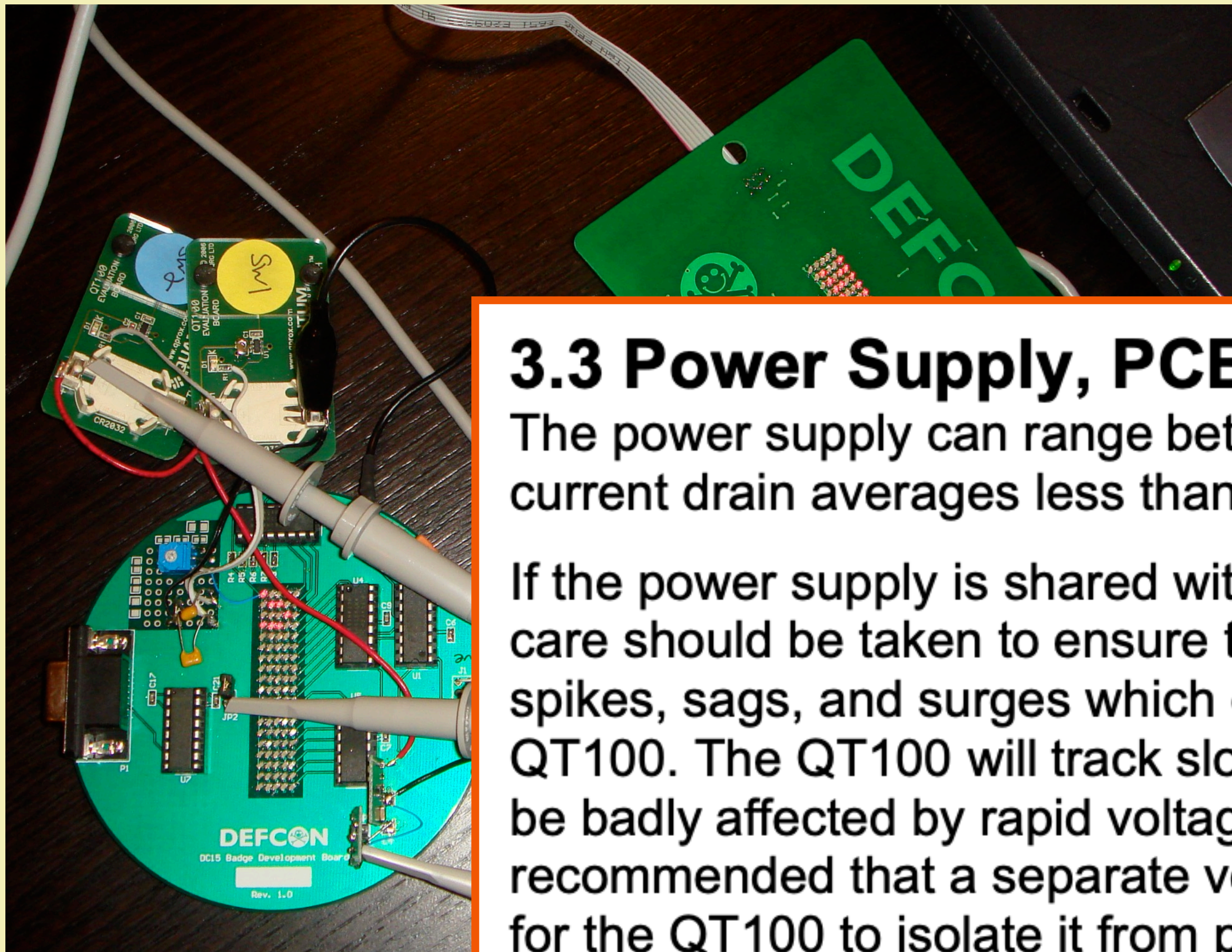








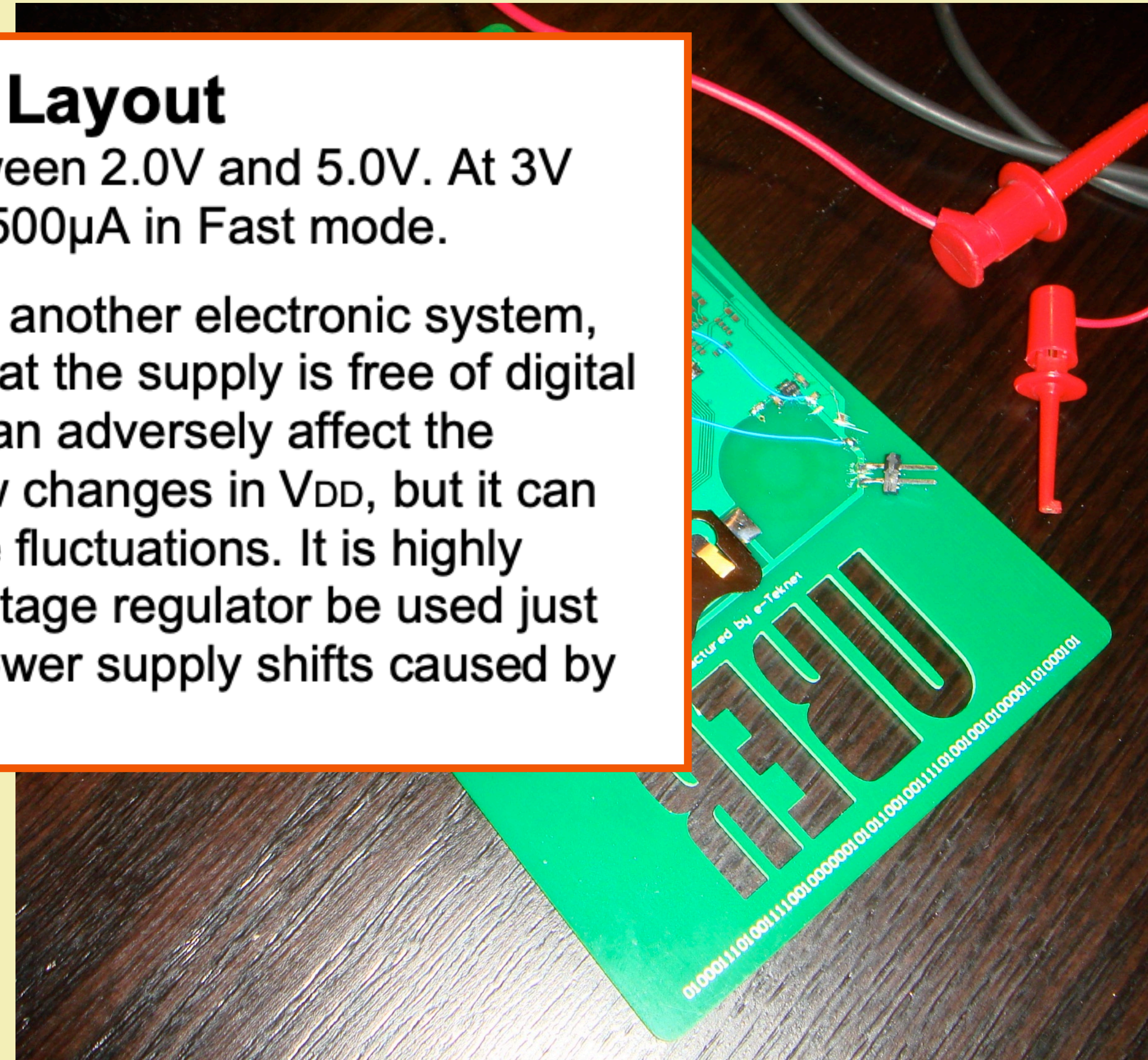




3.3 Power Supply, PCB Layout

The power supply can range between 2.0V and 5.0V. At 3V current drain averages less than 500 μ A in Fast mode.

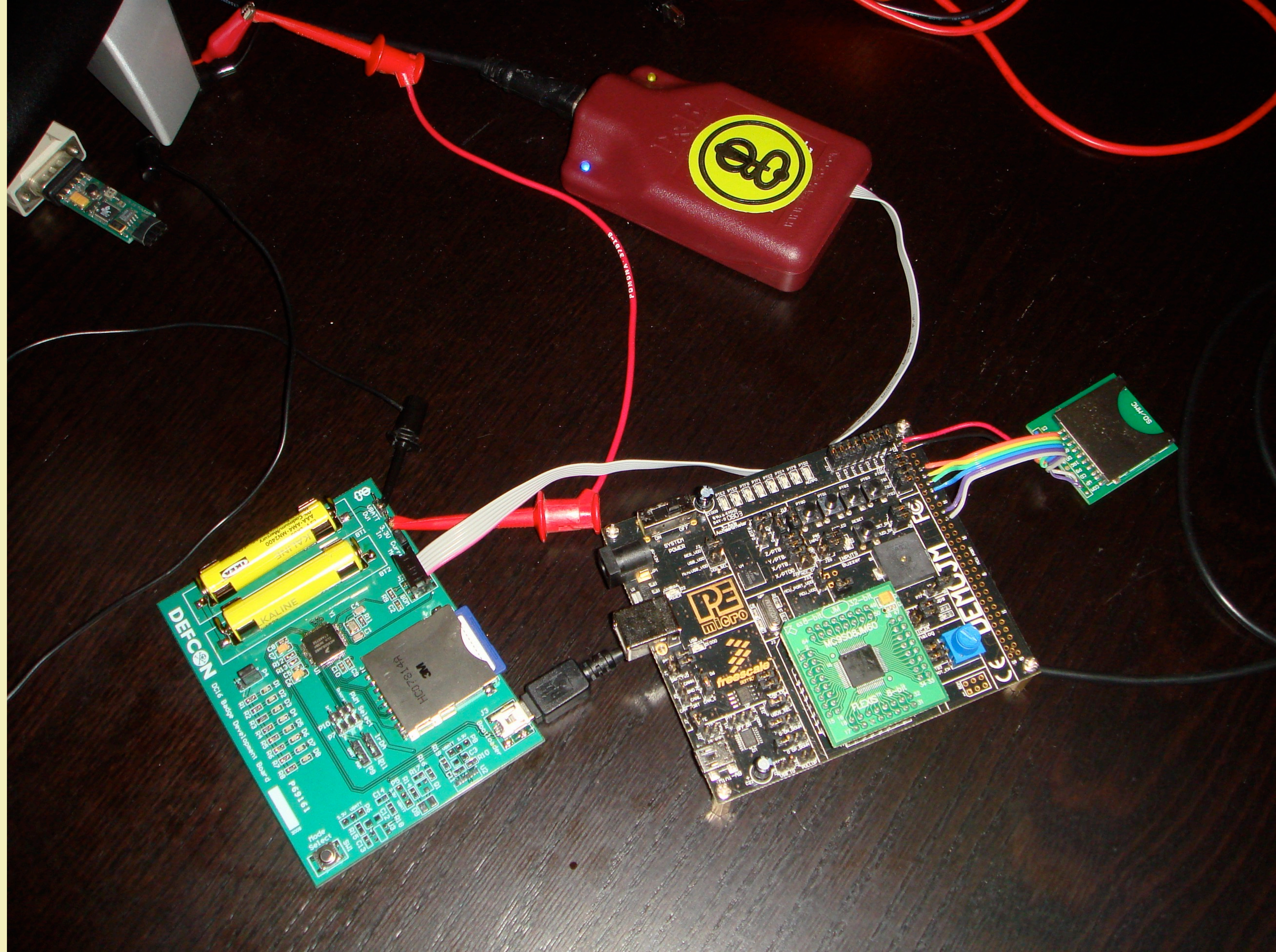
If the power supply is shared with another electronic system, care should be taken to ensure that the supply is free of digital spikes, sags, and surges which can adversely affect the QT100. The QT100 will track slow changes in V_{DD} , but it can be badly affected by rapid voltage fluctuations. It is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













A. Now completed? $\Rightarrow$ Ship these now! ³⁰
 $8/4 = 2100$

B. Still waiting part $\Rightarrow$ GO Buy, ^{latest} $8/5 = 2100$
 (Can - whether $8/6 = 1900$ can)

C. Latest ship 8 Aug $\Rightarrow$ keep it, buy.

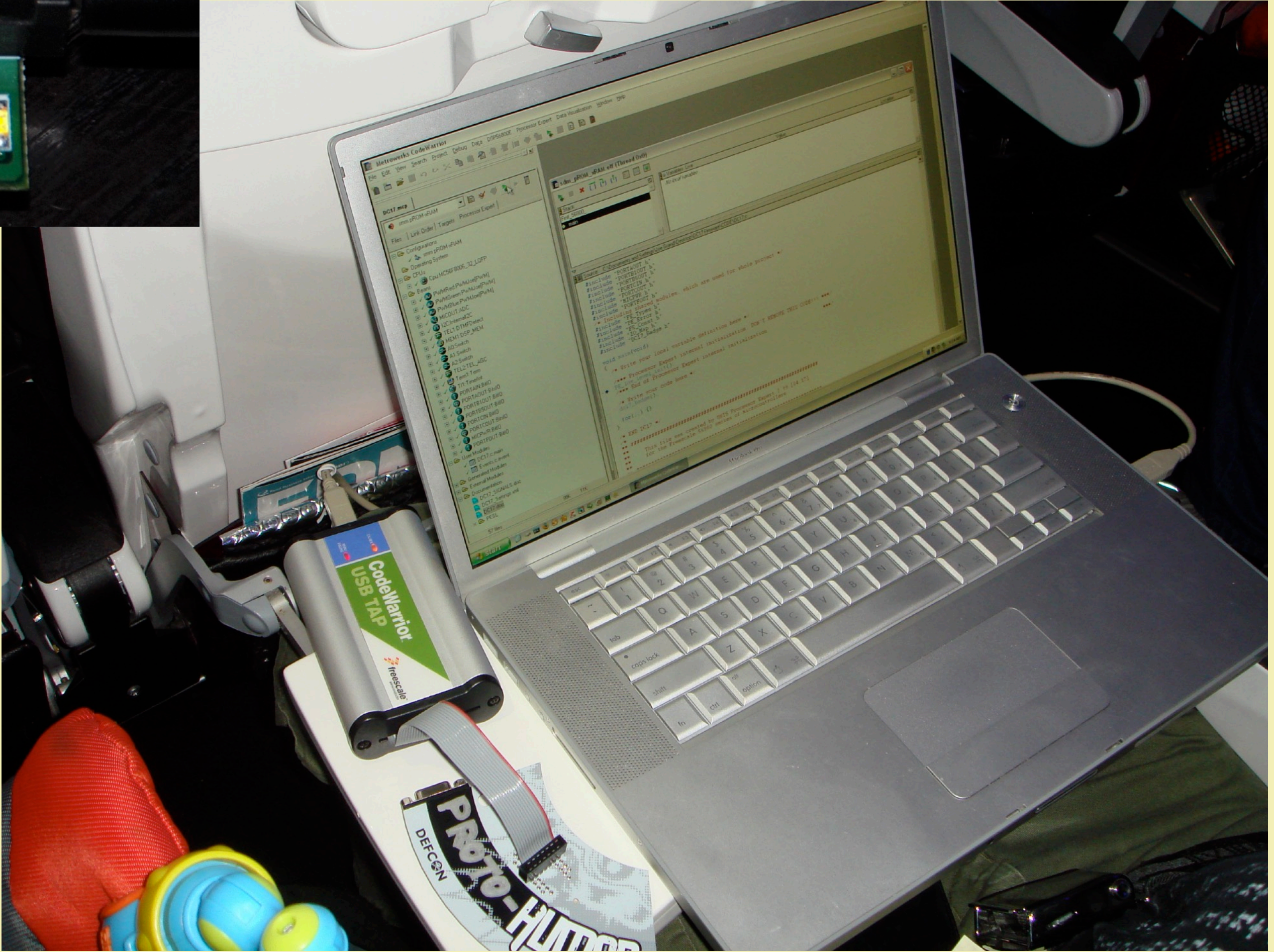
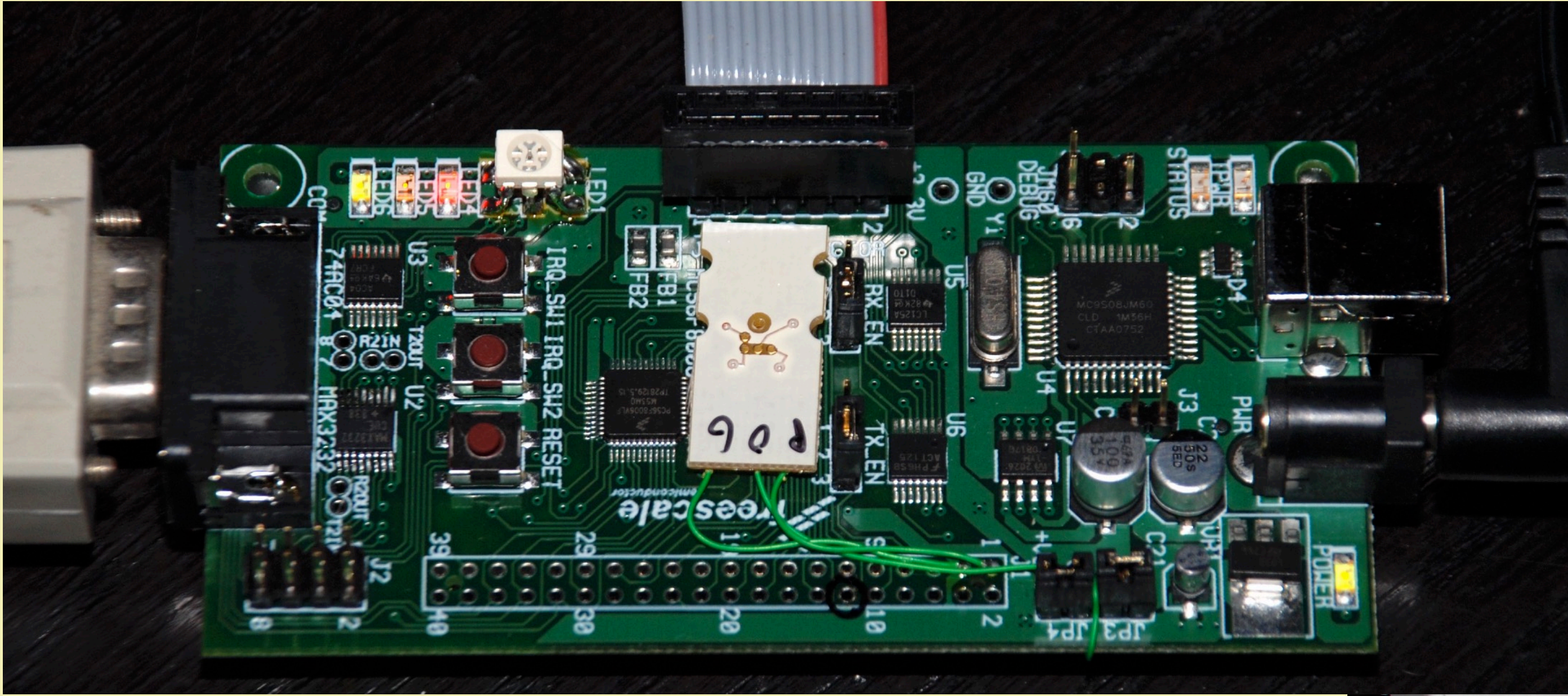
D. Ship everyday X

(A) Ship everyday.
 (B) Small Box 500/Box.
 (C) Can you make this schedule
 Not = ?
 hire.
 \$?
 No test

if can buy. 8/7 *







View Configuration

Search

Layers & Colors View Options

Layers

The screenshot displays the 'Layers' panel in AutoCAD, organized into several expandable groups. The 'Signal And Plane Layers (S)' group is expanded, showing 'Top Layer (T)' and 'Bottom Layer (B)' both set to 'Signal'. The 'Component Layer Pairs (C)' group is also expanded, showing 'Top' and 'Bottom' layers for 'Overlay', 'Paste', and 'Soldier'. The 'Mechanical Layers (M)' group is expanded, showing layers M3 through M9, with M9 'Placement' highlighted. The 'Other Layers (O)' group is also expanded, showing 'DrillDrawing', 'DrillGuide', 'KeepOutLayer', and 'MultiLayer'. The 'Used On' status is indicated for each group.

Group	Layer Name	Color	Status
Signal And Plane Layers (S)	[1] TopLayer (T)	Red	Signal
	[2] BottomLayer (B)	Blue	Signal
Component Layer Pairs (C)	Top		
	Bottom		
	Overlay	Yellow	
	Paste	Grey	
	Soldier	Purple	
Mechanical Layers (M)	Mech3: Notes	White	M3
	Mech4: Outline	Green	M4
	Mech5: Black Top	Pink	M5
	Mech6: Artwork Top	Blue	M6
	Mech7: Text Top	Yellow	M7
	Mech8: Logos Bottom	Orange	M8
	Mech9: Placement	Brown	M9
	Mech13	Red	M13
	Mech15	Green	M15
Other Layers (O)	DrillDrawing	Red	
	DrillGuide	Dark Red	
	KeepOutLayer	Magenta	
	MultiLayer	Grey	

► System Colors

Projects View Configuration LS Mech3: Notes **Mech4: Outline** Mech5: Black Top Mech6: Artwork Top Mech7: Text Top Mech8: Logos Bottom MultiLayer

X:10931mil Y:3165mil Grid: 1mil (Hotspot Snap)



Material: 0.039 in. FR4
Copper: 1 oz.

```
Notes for PCB:
```

- 1) CAM must split design into seven individual pieces
- 2) Use smallest routing bit as possible
- 3) Use as fine resolution silkscreen as possible
- 4) Soldermask color = Silver
- 5) Silkscreen color (Mech5) = Black
- 6) Silkscreen color (Mech6) = Grey
- 7) Silkscreen color (Mech7) as follows:

```
HUMAN = White
GOON = Red
SPEAKER = Blue
PRESS = Green
VENDOR = Purple
CONTEST = Yellow
UBER = None (included in Mech5)
```

Properties

Board Components (and 12 more)

🔍 Search

General Parameters Health Check

Selection Filter



The screenshot shows the top toolbar of the PCB Editor. It contains a dropdown menu labeled "All - On" and a grid of buttons for selecting different object types. The buttons are arranged in four rows: Row 1: Components, 3D Bodies, Keepouts; Row 2: Tracks, Arcs, Pads, Vias, Regions; Row 3: Polygons, Fills, Texts, Rooms, Other.

▲ Snap Options

Grids Guides Axes

Snapping Shift+E

All Layers **Current Layer** Off

Objects for snapping

On/Off	Objects
☒	Track/Arcs Vertices
☐	Track/Arcs Lines
☒	Arc Centers
☒	Intersections
☒	Pad Centers
☐	Pad Vertices
☐	Pad Edges
☒	Via Centers
☒	Regions/Polygons/Fills
☐	Board Shape
☐	Footprint Origins
☐	3D Body Snap Points

Snap Distance 1mil ▼

Axis Snap Range 200mil

Board Information

Board Size

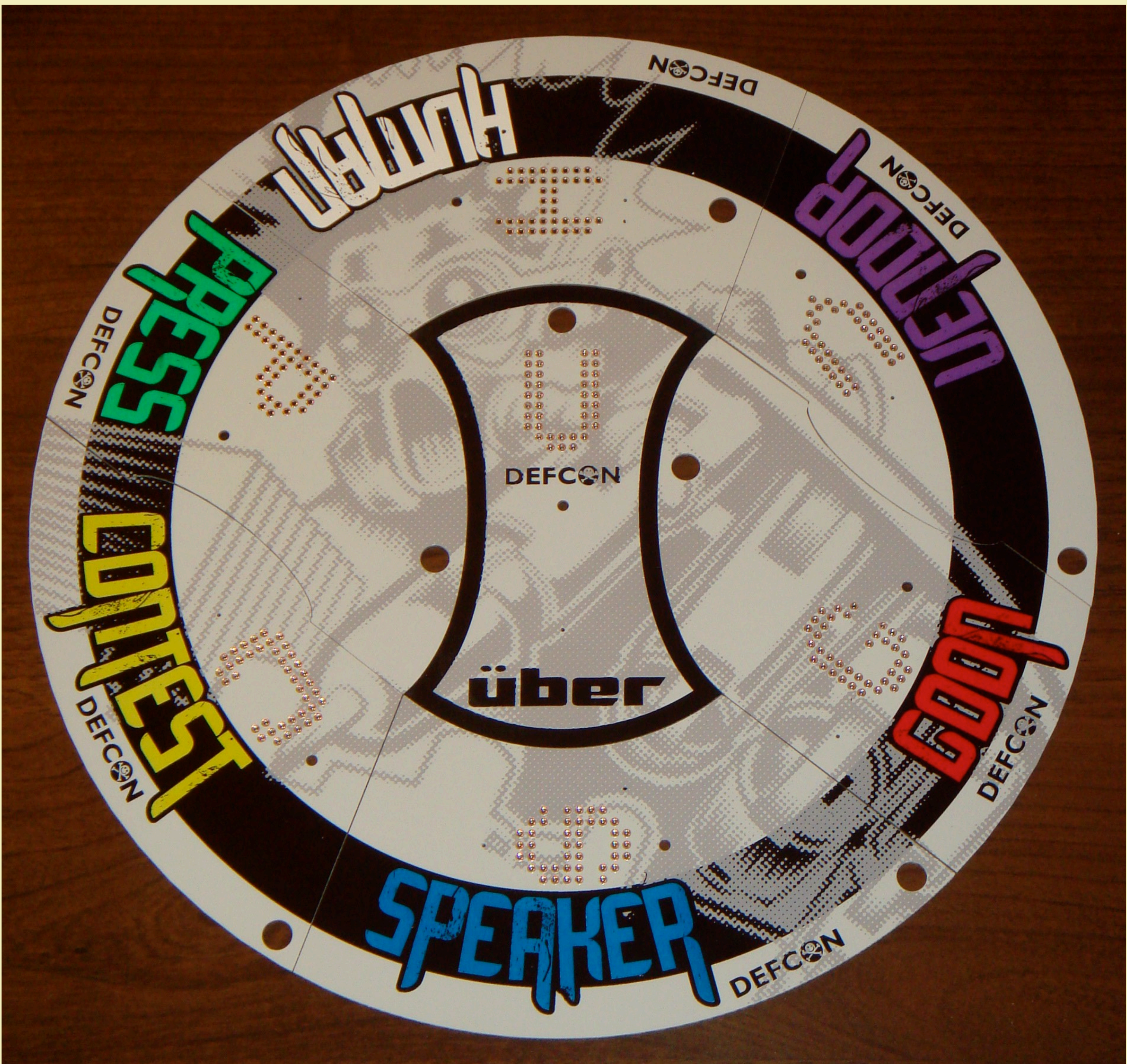
Horizontal: 9272mil
Vertical: 9265.022mil
Area: 85.905 sq.inch
Components Area: 0.525 sq.inch
Density: 0.31%

Components

Nothing selected

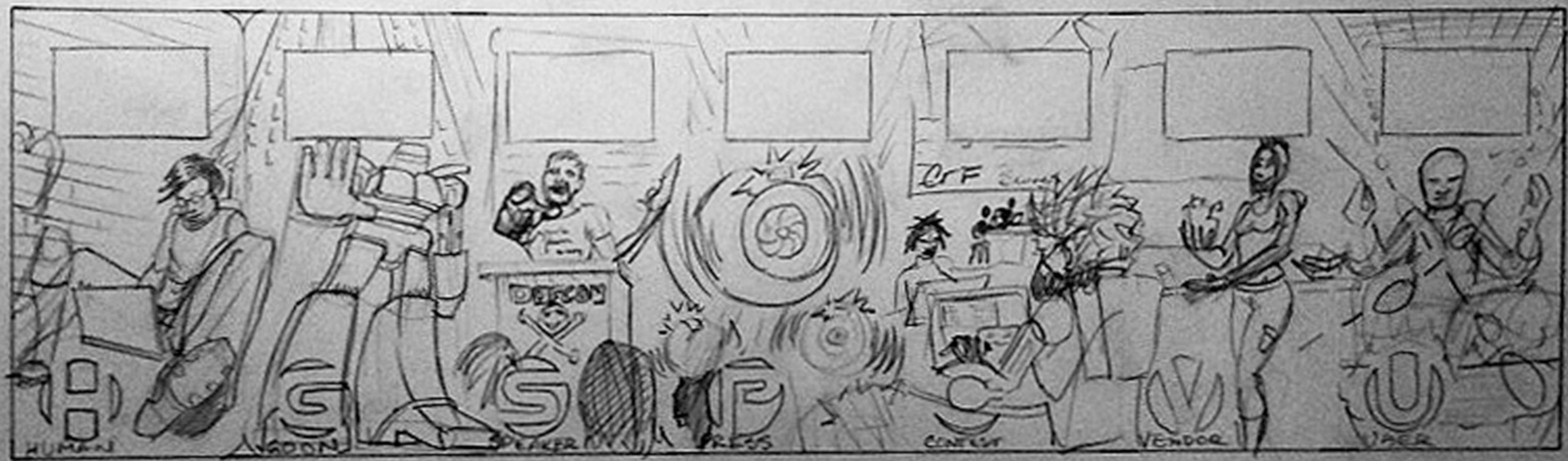
Properties Components Messages

Panels

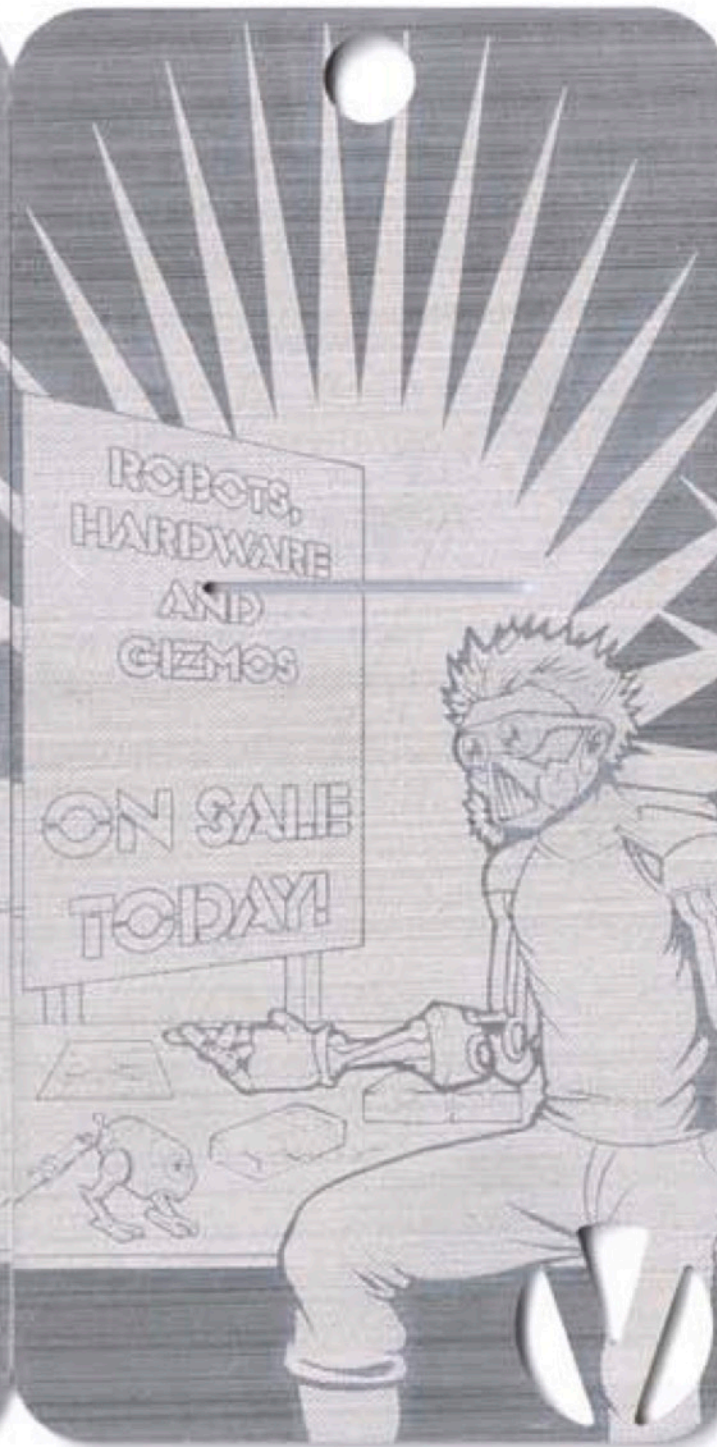
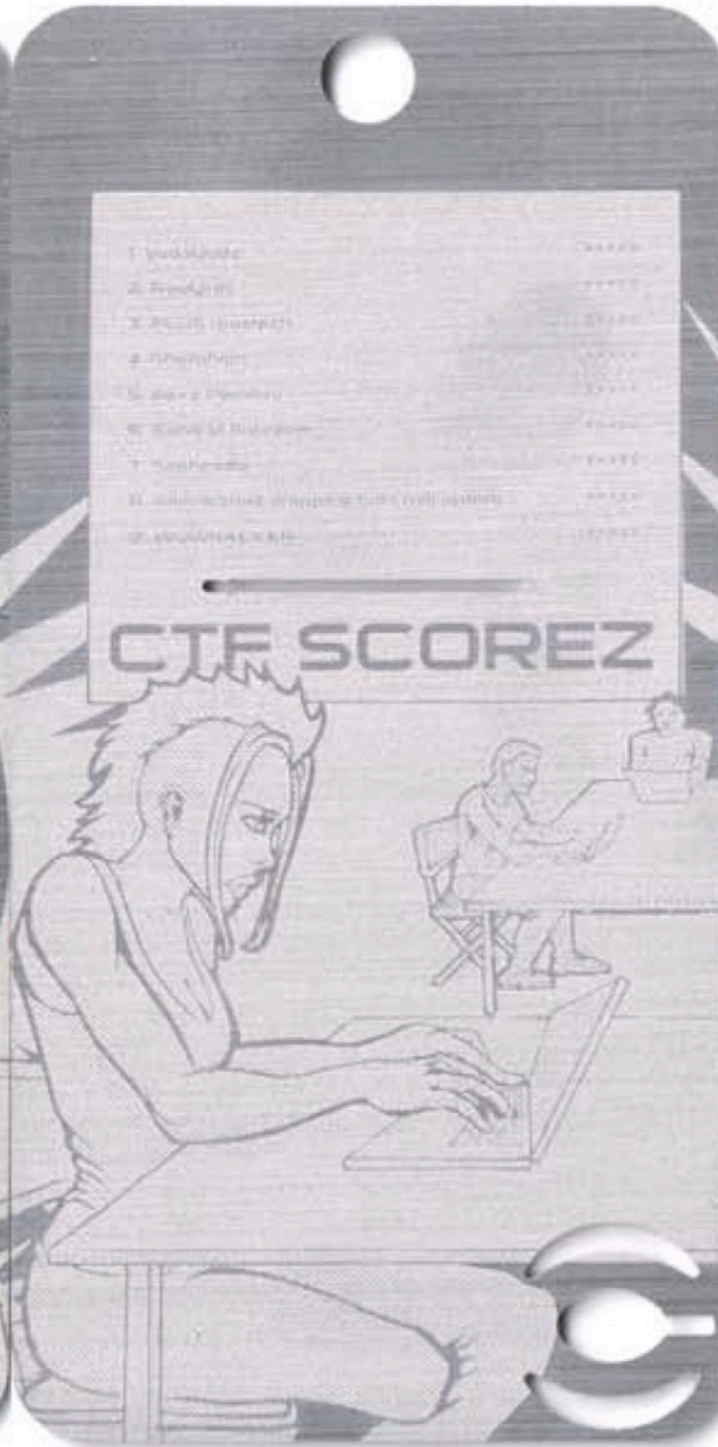
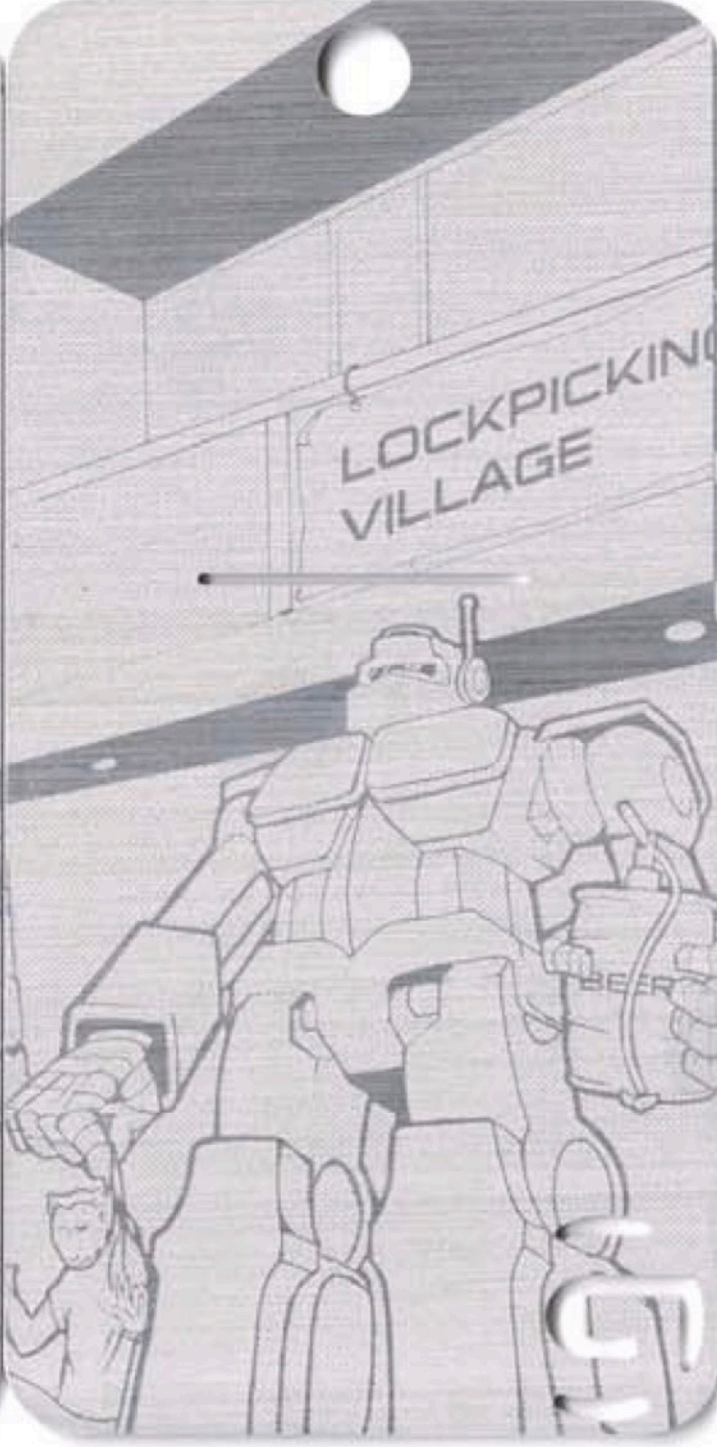


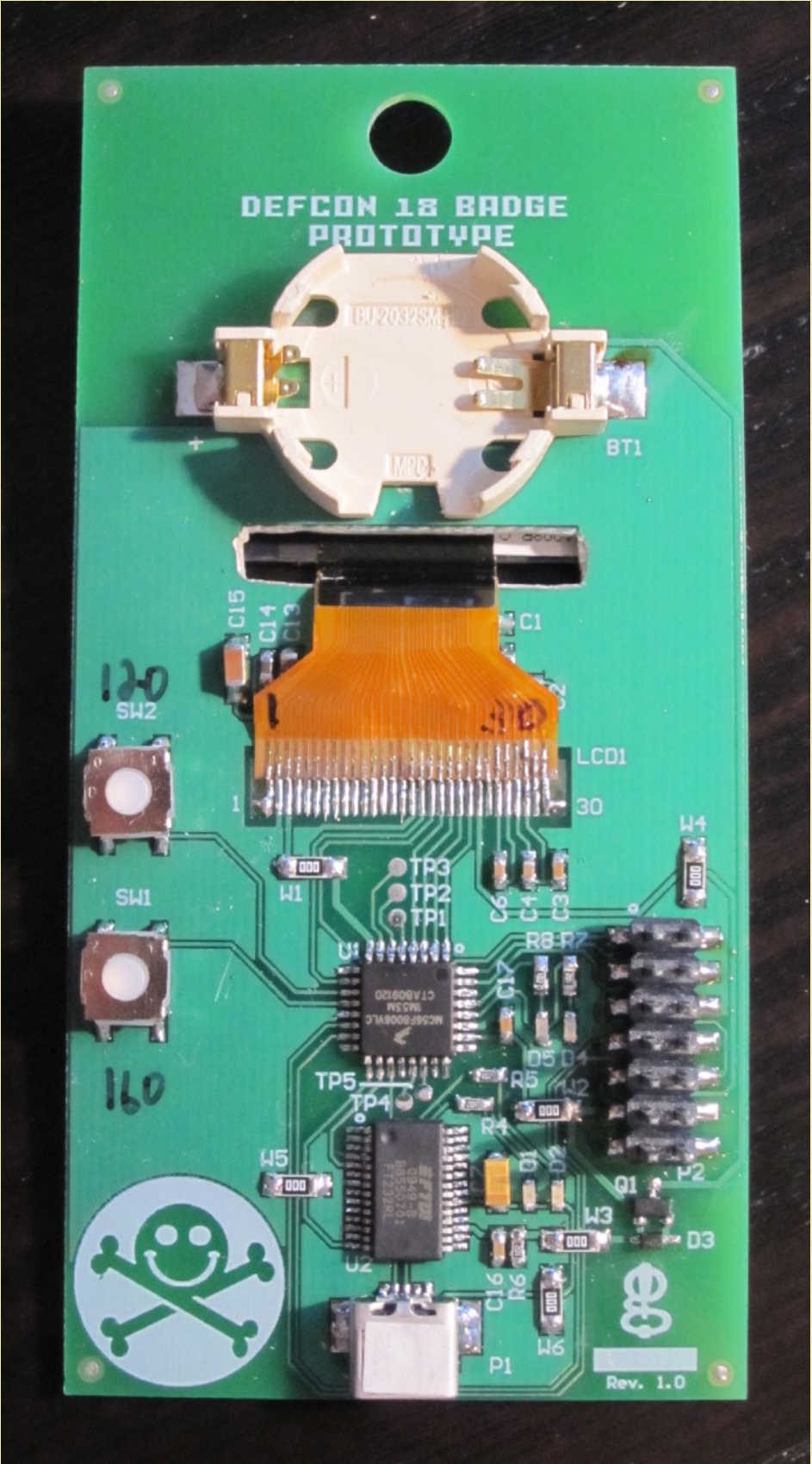
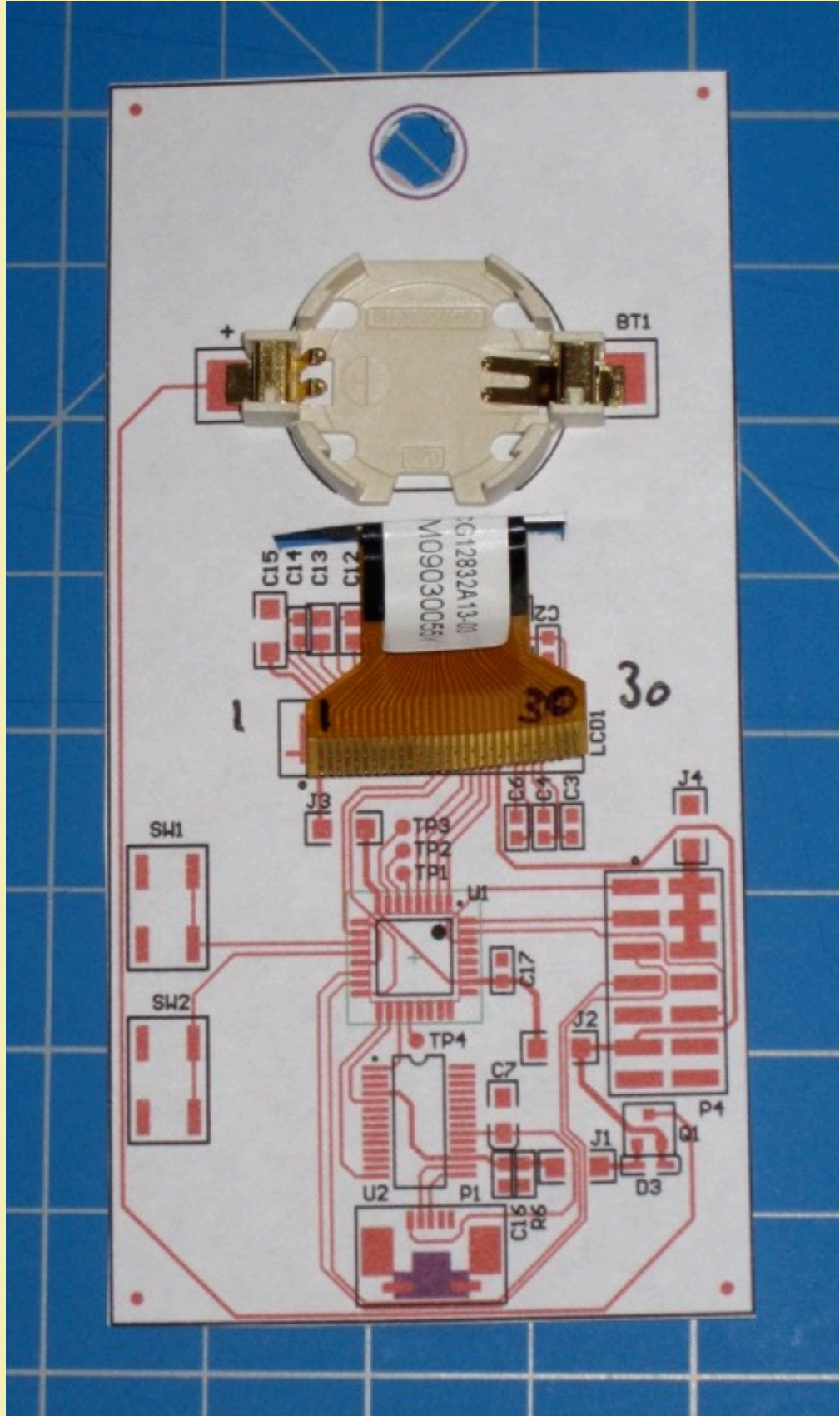
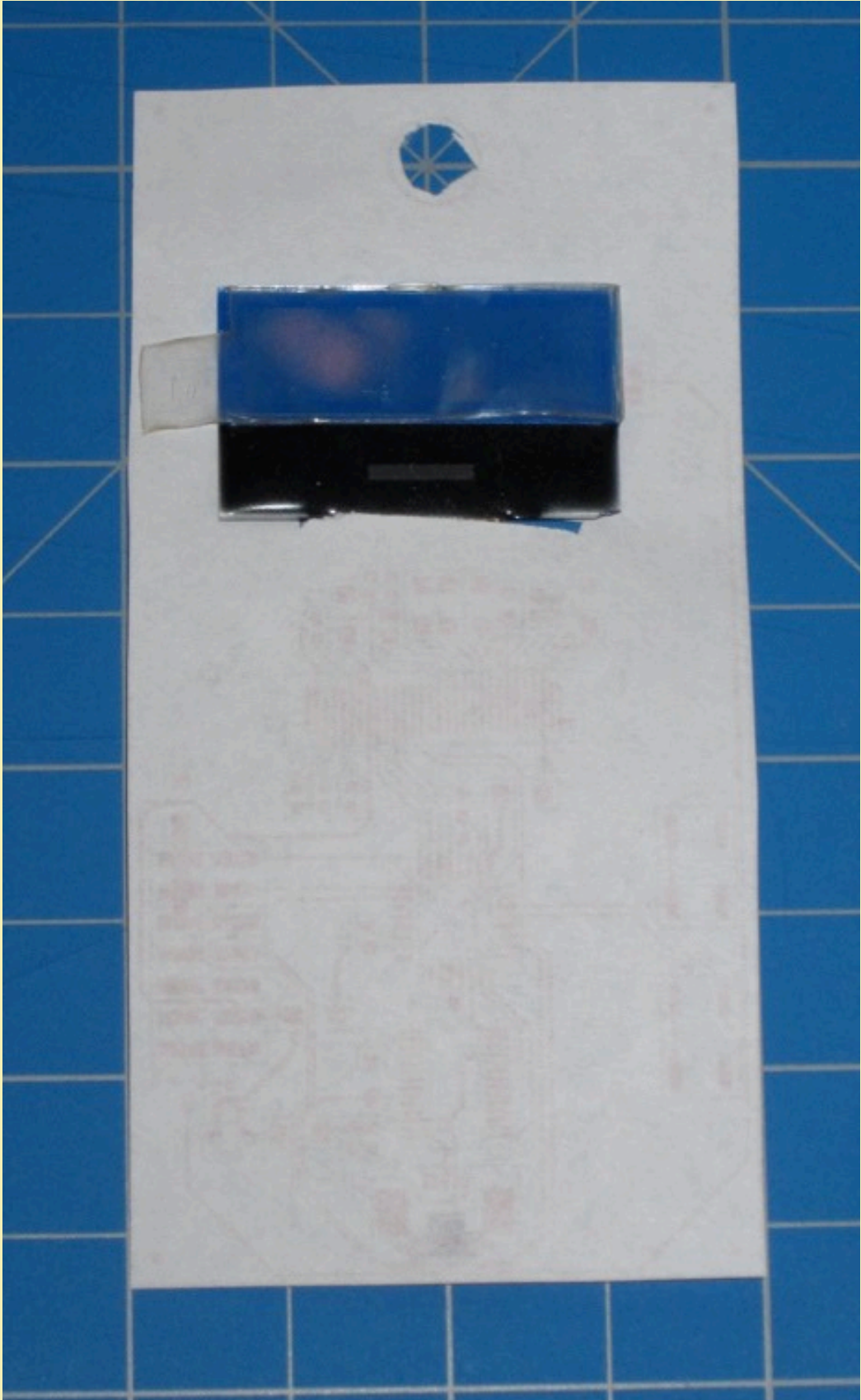
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ZHUHAI CN	22/07/2009	10:35	DELIVERED
GUANGZHOU CN	22/07/2009	3:41	DEPARTURE SCAN
GUANGZHOU CN	21/07/2009	21:47	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / RELEASED BY CLEARING AGENCY. NOW IN-TRANSIT FOR DELIVERY
	21/07/2009	21:47	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / RELEASED BY CLEARING AGENCY. NOW IN-TRANSIT FOR DELIVERY
GUANGZHOU CN	17/07/2009	14:23	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / UPS CONTACTED THE RECEIVER
GUANGZHOU CN	16/07/2009	16:47	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / UPS CONTACTED THE RECEIVER
GUANGZHOU CN	09/07/2009	15:38	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	06/07/2009	11:38	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	30/06/2009	11:18	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	29/06/2009	13:26	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	23/06/2009	16:12	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	19/06/2009	9:52	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	18/06/2009	9:57	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
	18/06/2009	9:53	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / PACKAGE ABANDONED BY THE SENDER AND THE RECEIVER
	18/06/2009	9:53	ADDITIONAL CUSTOMS CLEARANCE PROCESSING IS REQUIRED FOR FORMAL ENTRY SUBMISSION / PACKAGE ABANDONED BY THE SENDER AND THE RECEIVER
	18/06/2009	9:53	ADDITIONAL CLEARING AGENCY INFORMATION OR DOCUMENTATION IS REQUIRED FOR CLEARANCE / PACKAGE ABANDONED BY THE SENDER AND THE RECEIVER
	18/06/2009	9:52	ADDITIONAL CLEARING AGENCY INFORMATION OR DOCUMENTATION IS REQUIRED FOR CLEARANCE / UPS CONTACTED THE RECEIVER
GUANGZHOU CN	16/06/2009	17:57	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	11/06/2009	13:52	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	10/06/2009	9:51	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	09/06/2009	11:00	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	08/06/2009	11:44	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	01/06/2009	11:53	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / DOCUMENTS OR INFO REQUESTED FROM THE CUSTOMER WERE RECEIVED AND ARE BEING PROCESSED FOR CLEARANCE

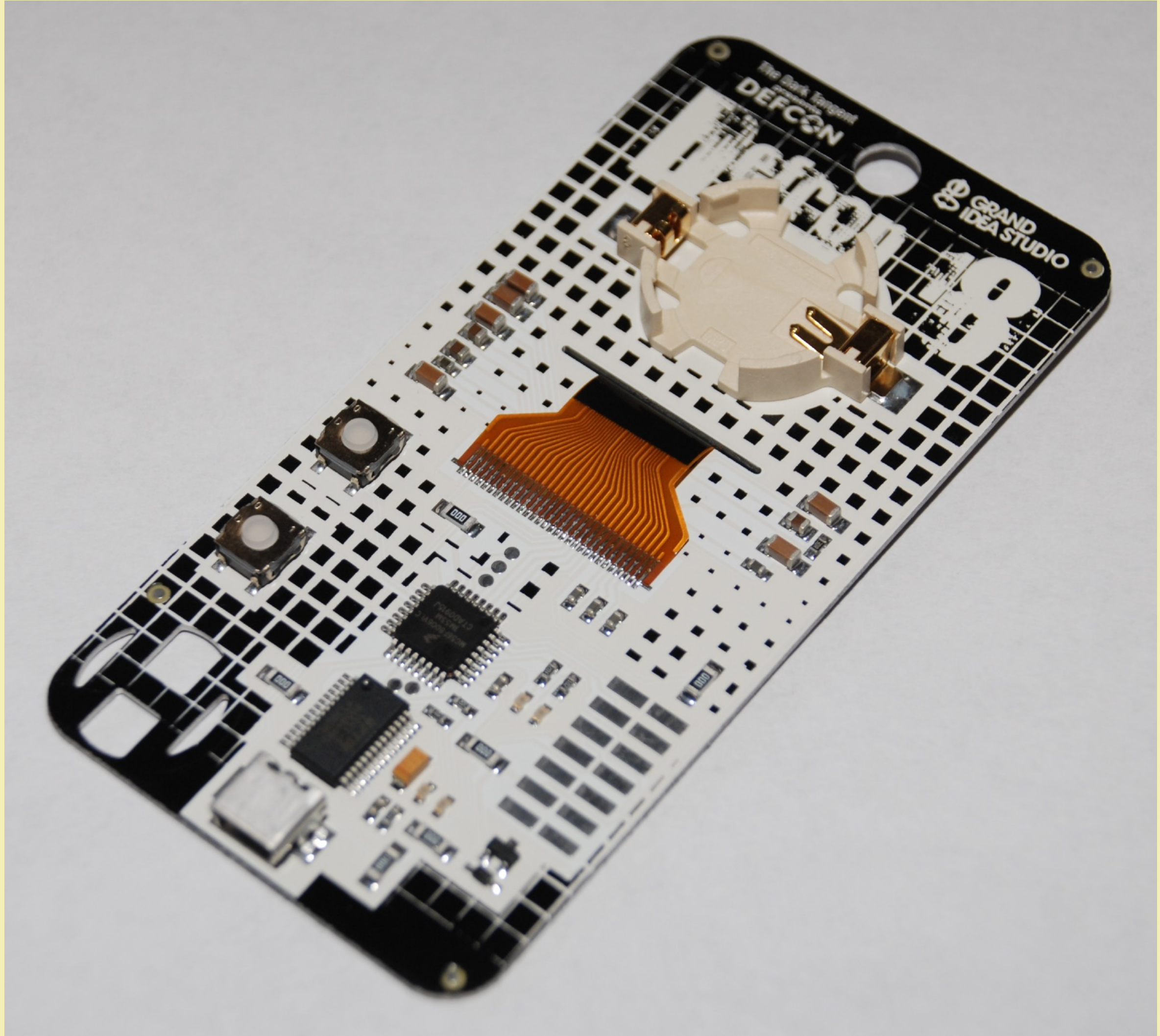
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GUANGZHOU CN	22/07/2009	3:41	DEPARTURE SCAN
GUANGZHOU CN	21/07/2009	21:47	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / RELEASED BY CLEARING AGENCY. NOW IN-TRANSIT FOR DELIVERY
	21/07/2009	21:47	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / RELEASED BY CLEARING AGENCY. NOW IN-TRANSIT FOR DELIVERY
GUANGZHOU CN	17/07/2009	14:23	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / UPS CONTACTED THE RECEIVER
GUANGZHOU CN	16/07/2009	16:47	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / UPS CONTACTED THE RECEIVER
GUANGZHOU CN	09/07/2009	15:38	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	Status: Delivered 		
GUANGZHOU CN	Delivered On: 22/07/2009 10:35		
GUANGZHOU CN	Signed By: GUO HEXIANG		
GUANGZHOU CN	Delivered To: CN		
GUANGZHOU CN	Shipped/Billed On: 21/05/2009		
	Type: Package		
	Service: EXPEDITED		
	Weight: 27.00 Lb		
	REQUIRED FOR CLEARANCE / PACKAGE ABANDONED BY THE SENDER AND THE RECEIVER		
	18/06/2009	9:52	ADDITIONAL CLEARING AGENCY INFORMATION OR DOCUMENTATION IS REQUIRED FOR CLEARANCE / UPS CONTACTED THE RECEIVER
GUANGZHOU CN	16/06/2009	17:57	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	11/06/2009	13:52	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	10/06/2009	9:51	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	09/06/2009	11:00	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	08/06/2009	11:44	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE
GUANGZHOU CN	01/06/2009	11:53	ADDITIONAL IMPORT DOCUMENTATION IS REQUIRED FOR CLEARANCE / DOCUMENTS OR INFO REQUESTED FROM THE CUSTOMER WERE RECEIVED AND ARE BEING PROCESSED FOR CLEARANCE





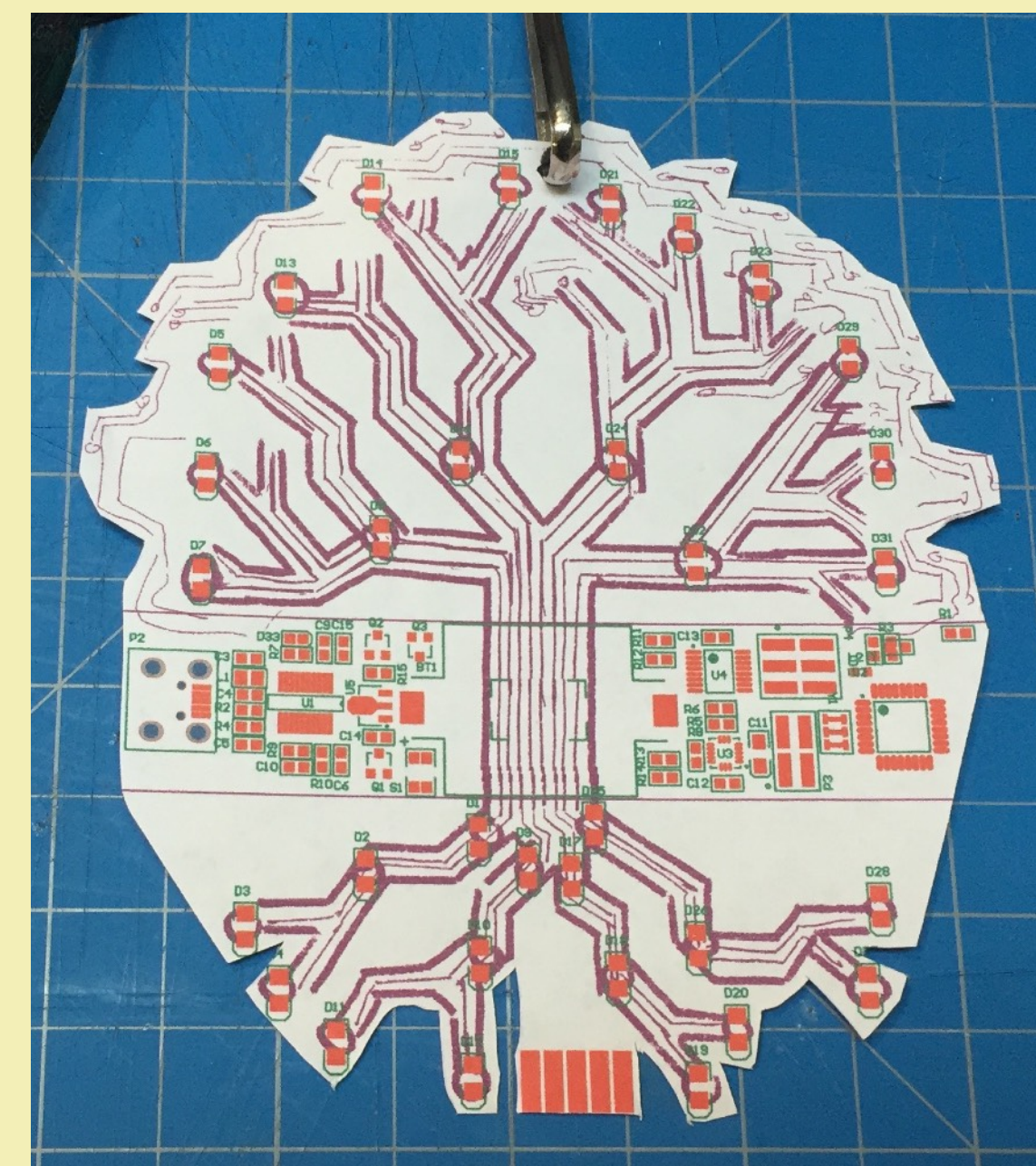
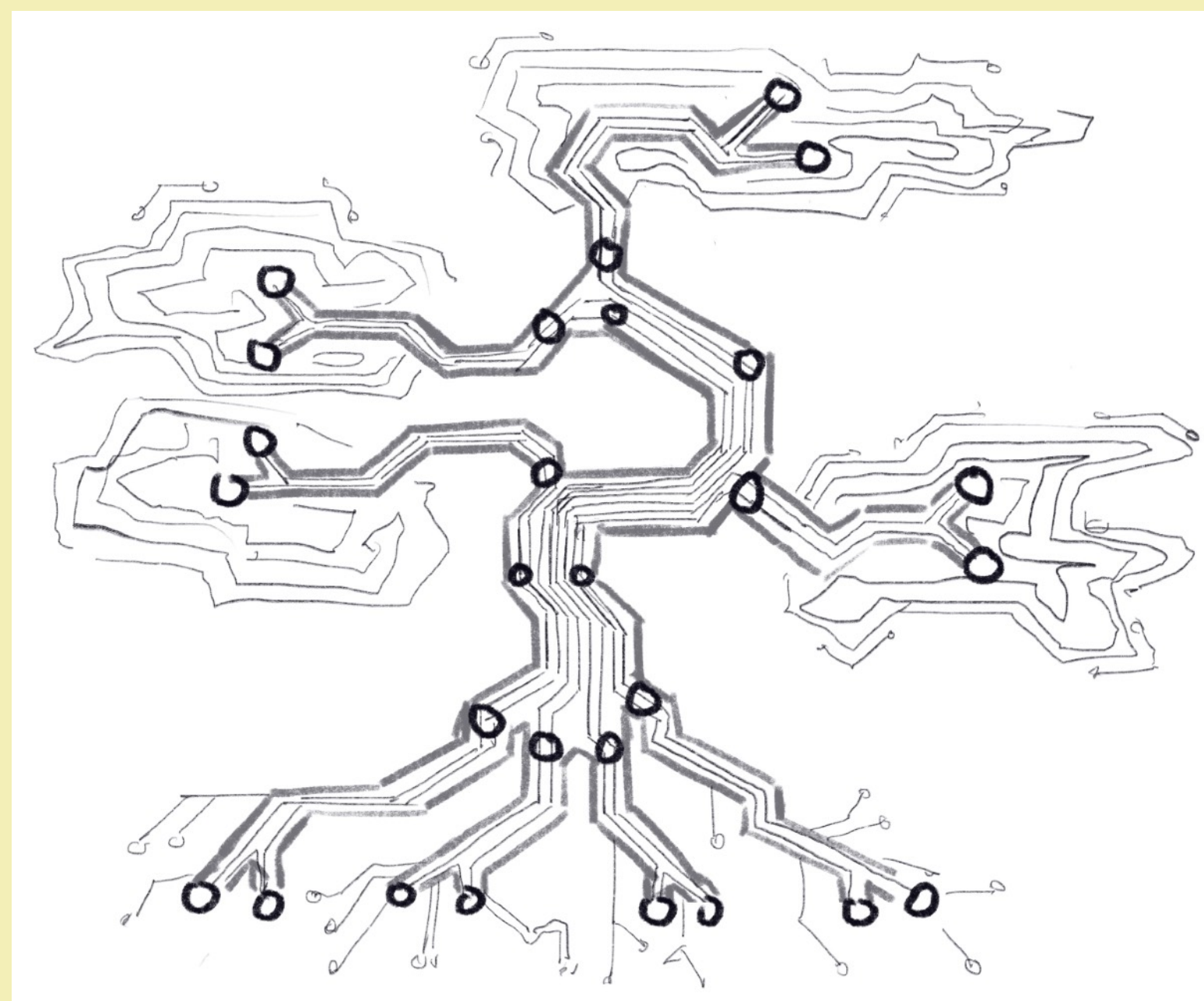
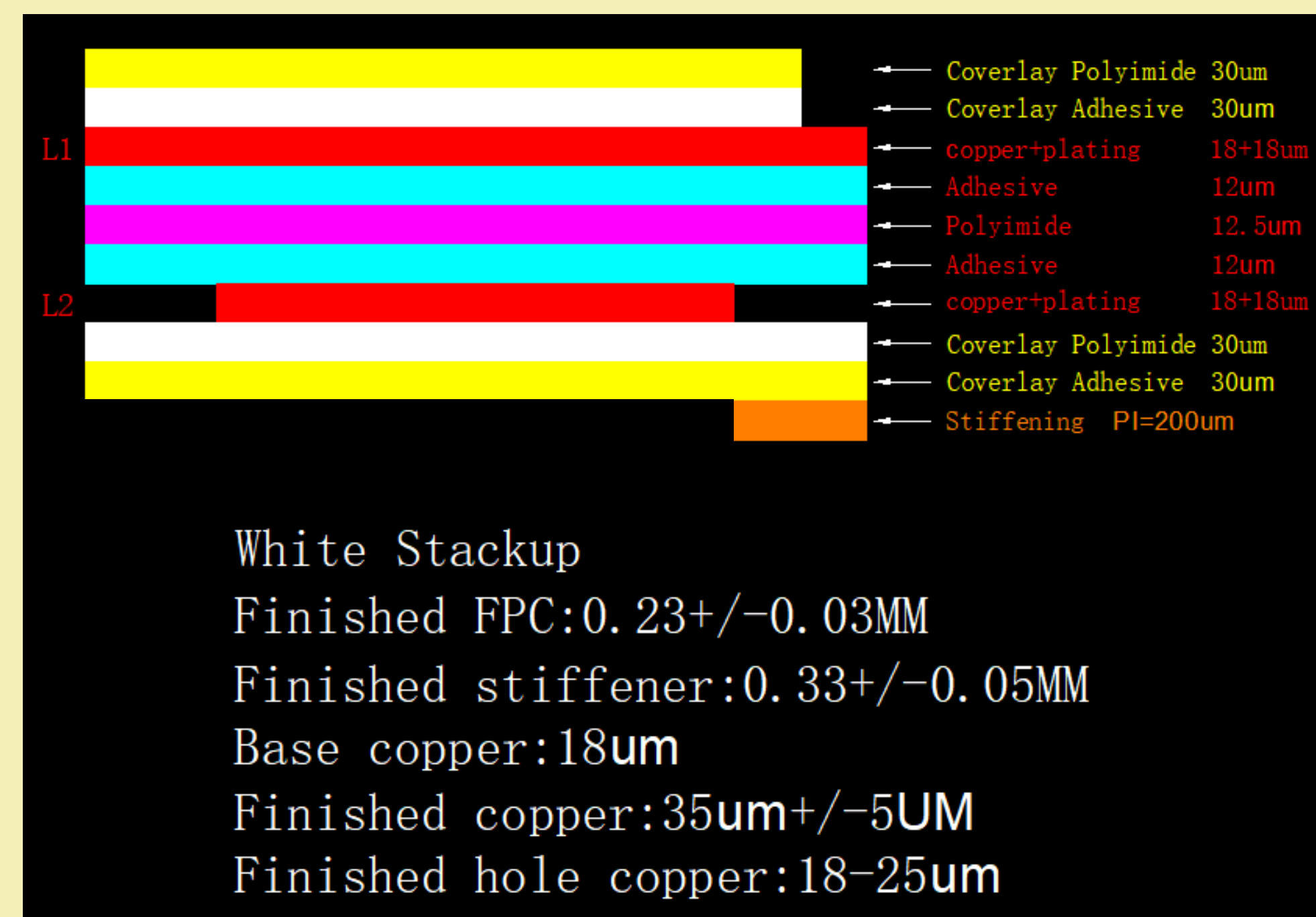
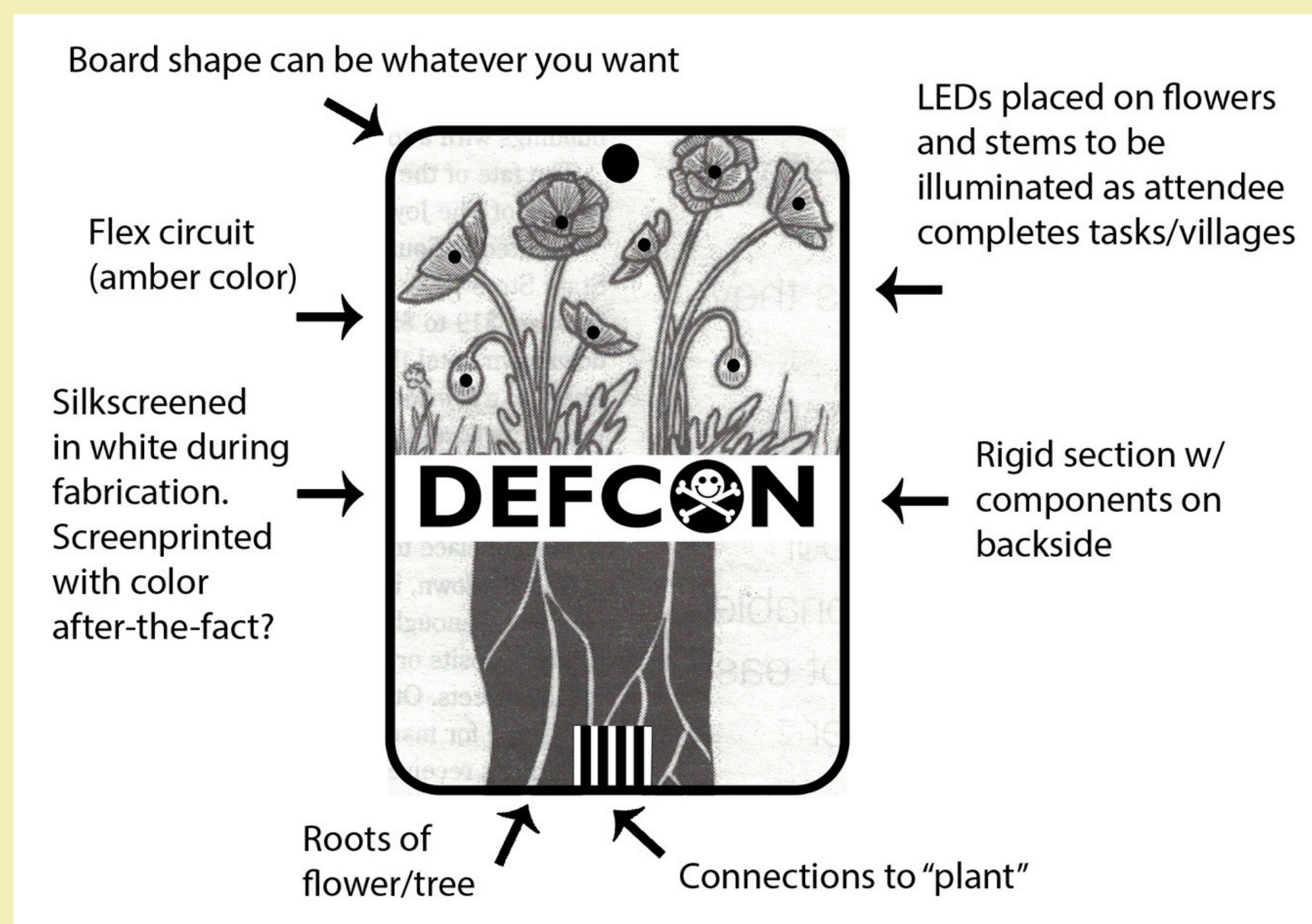


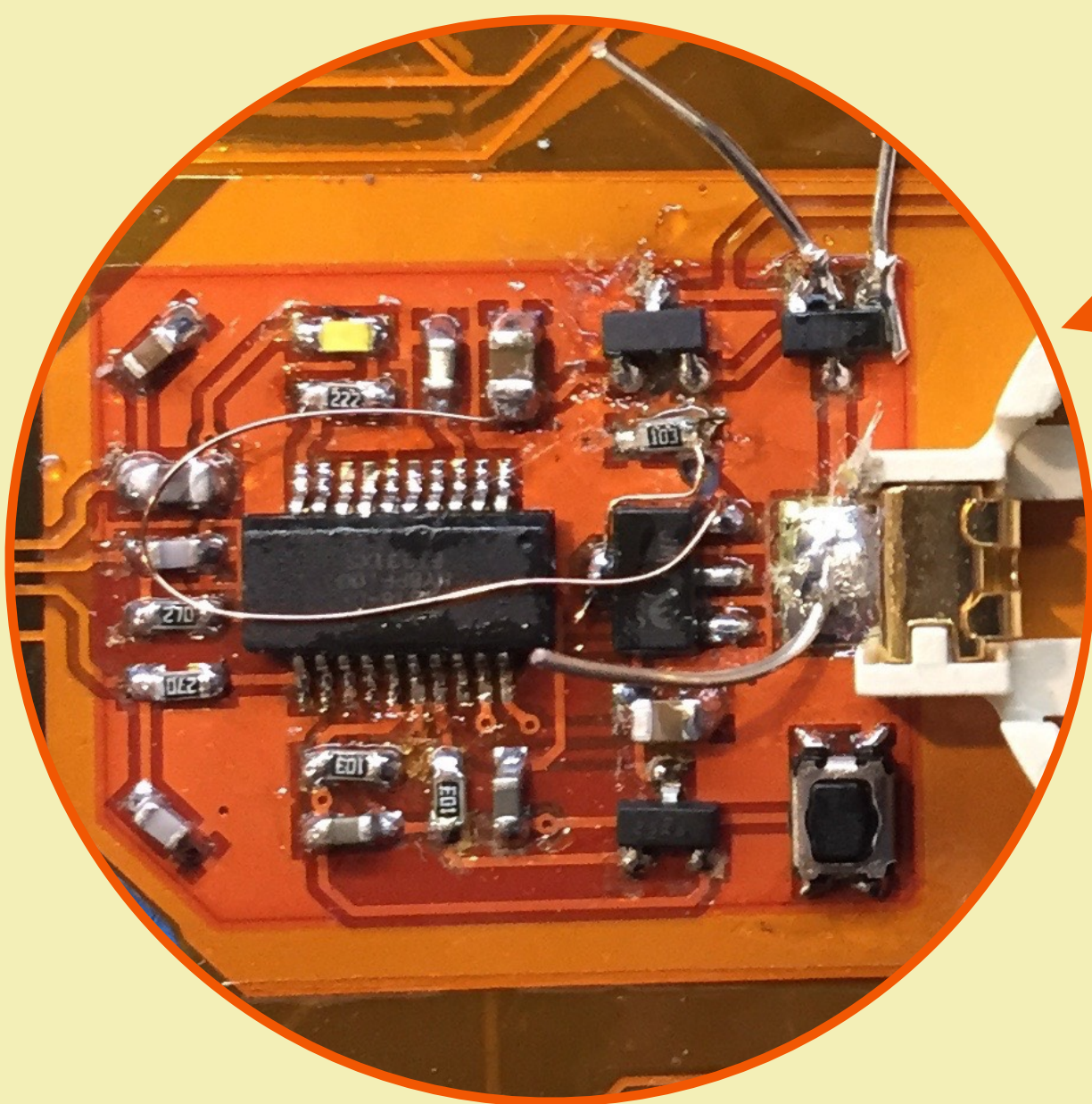
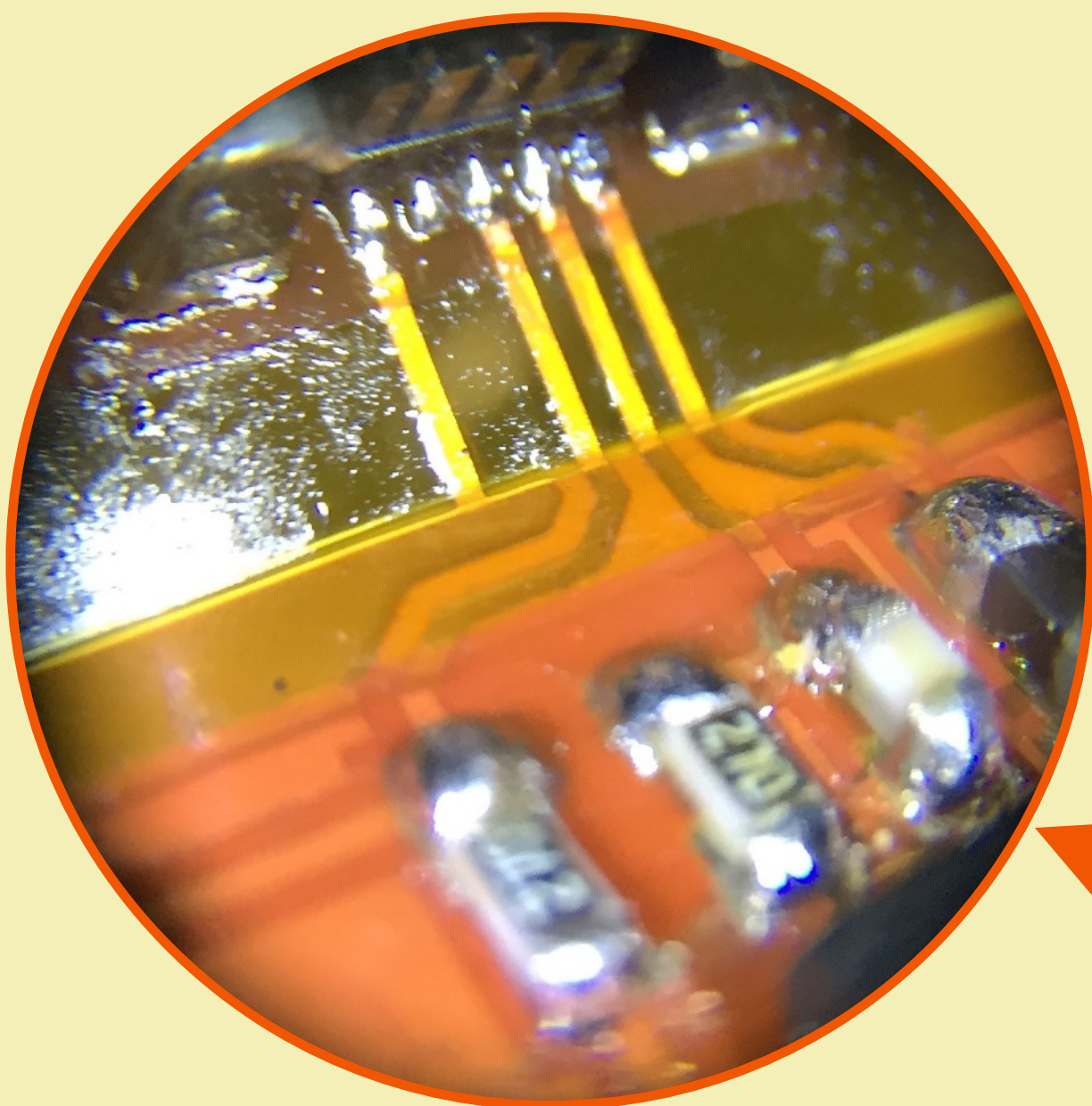
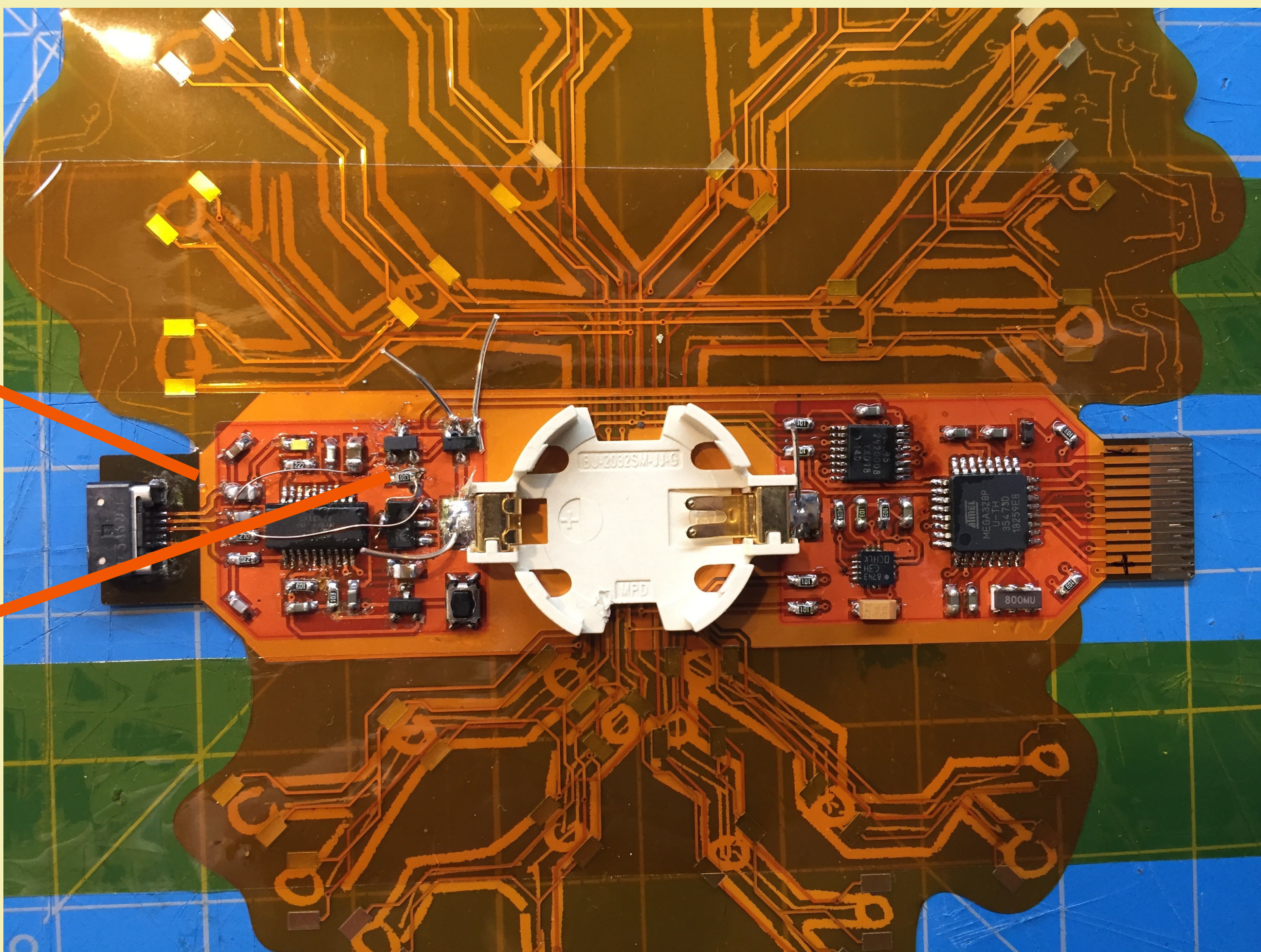


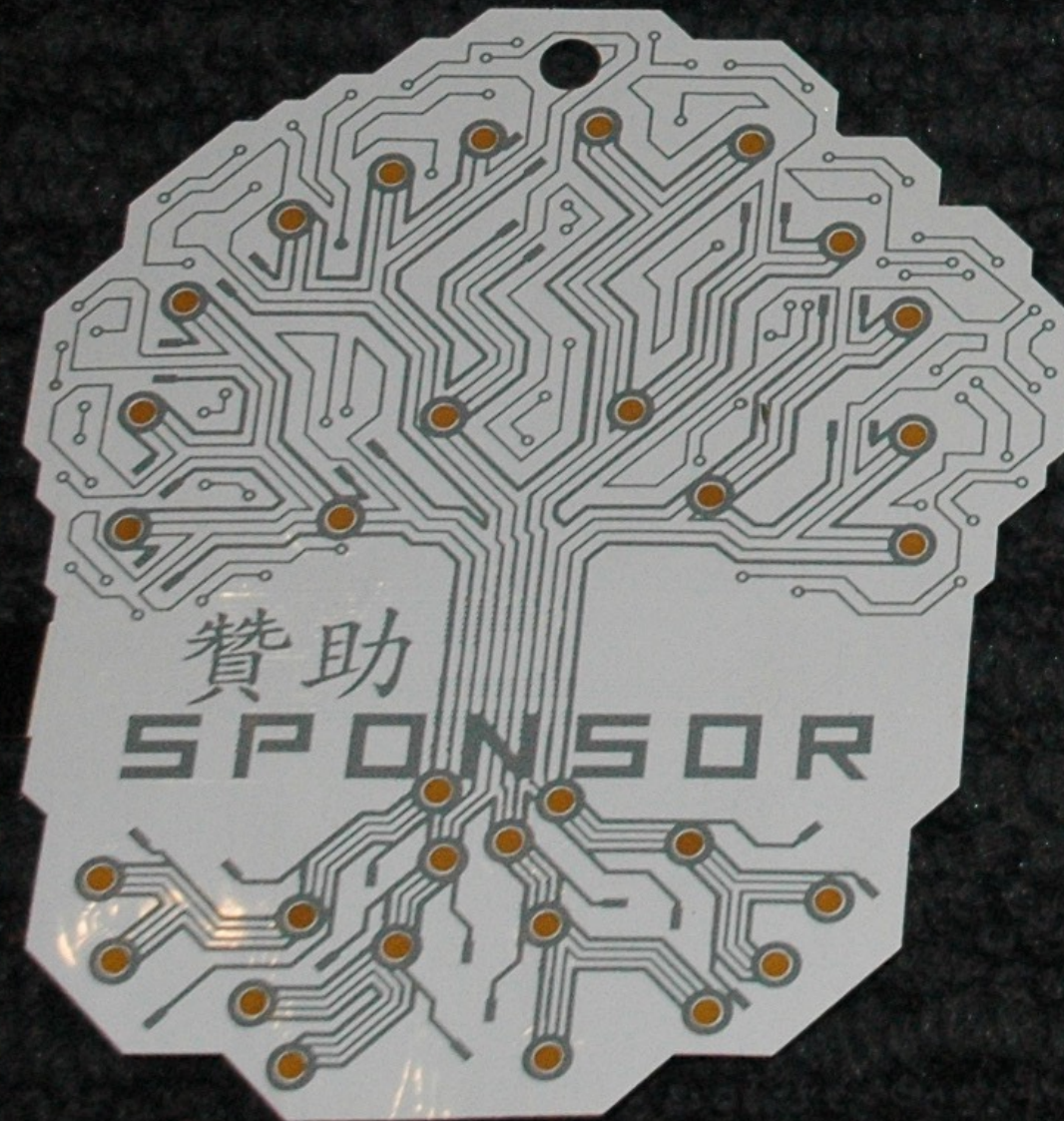
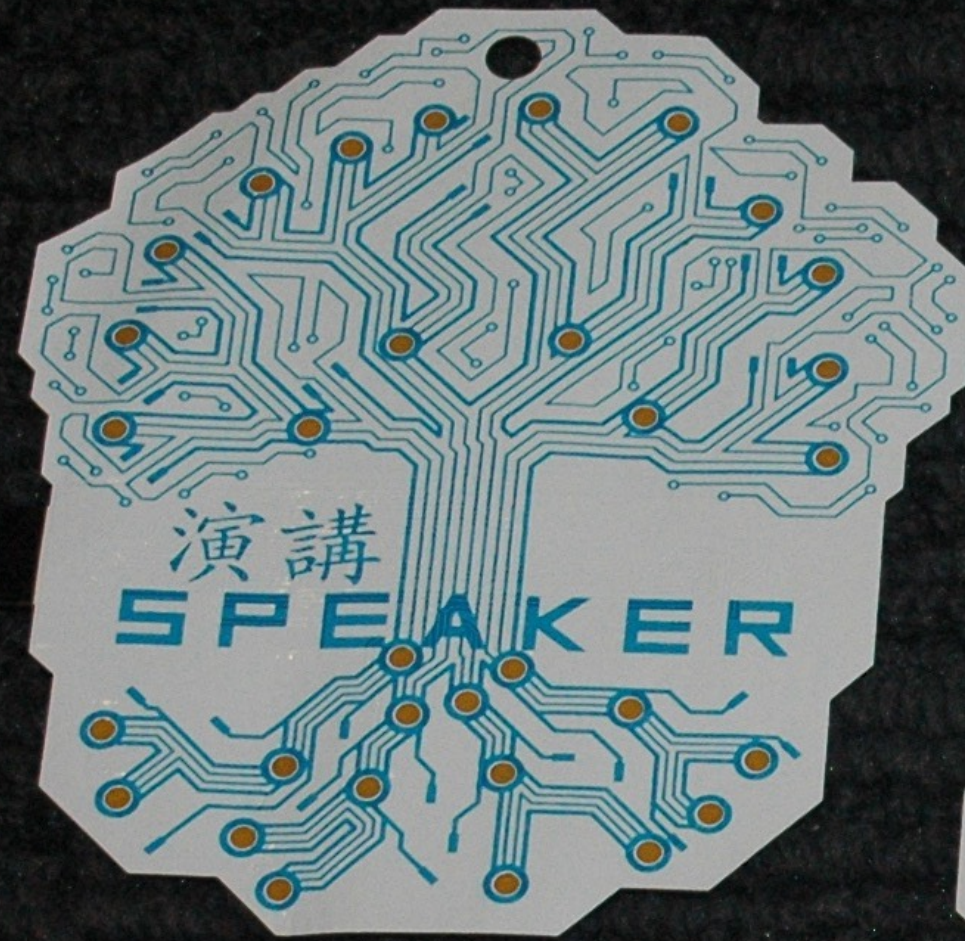
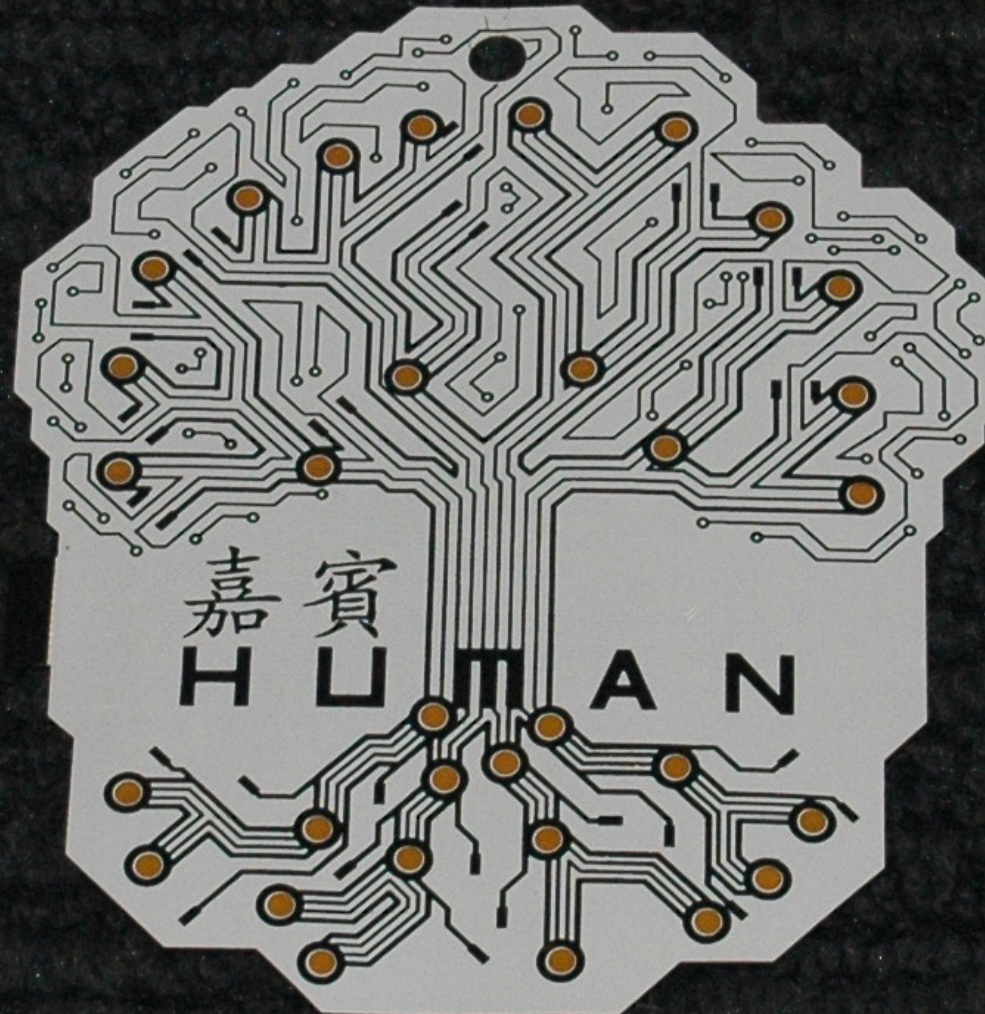
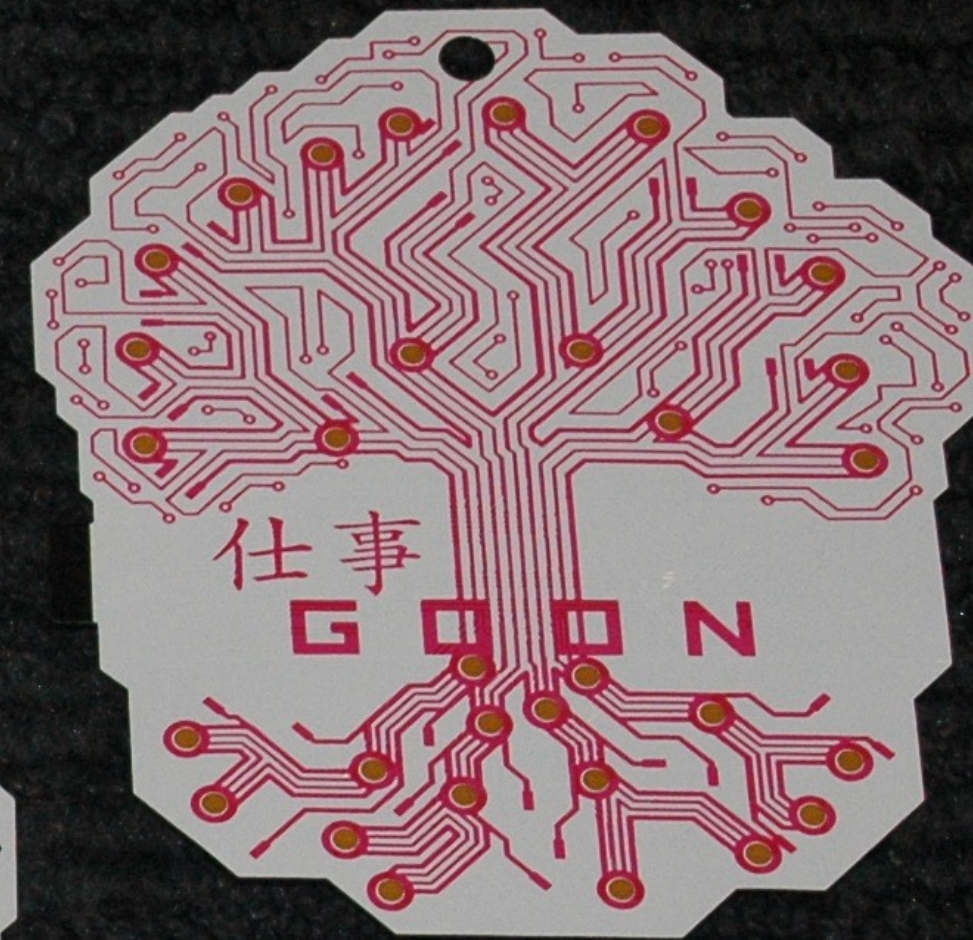
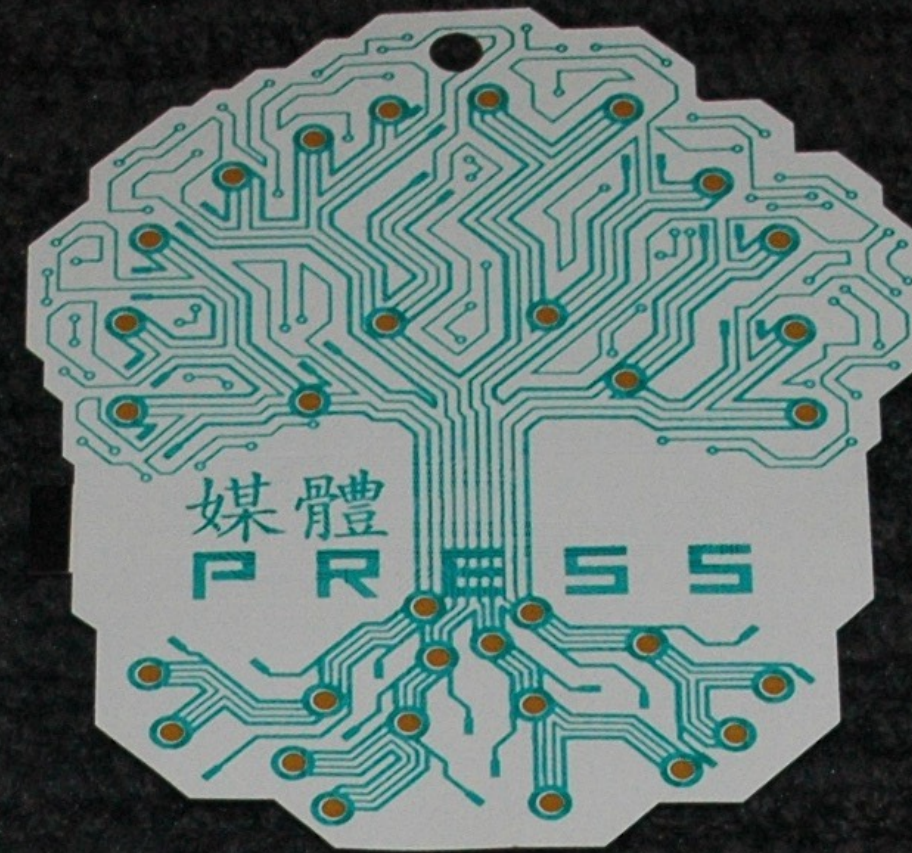


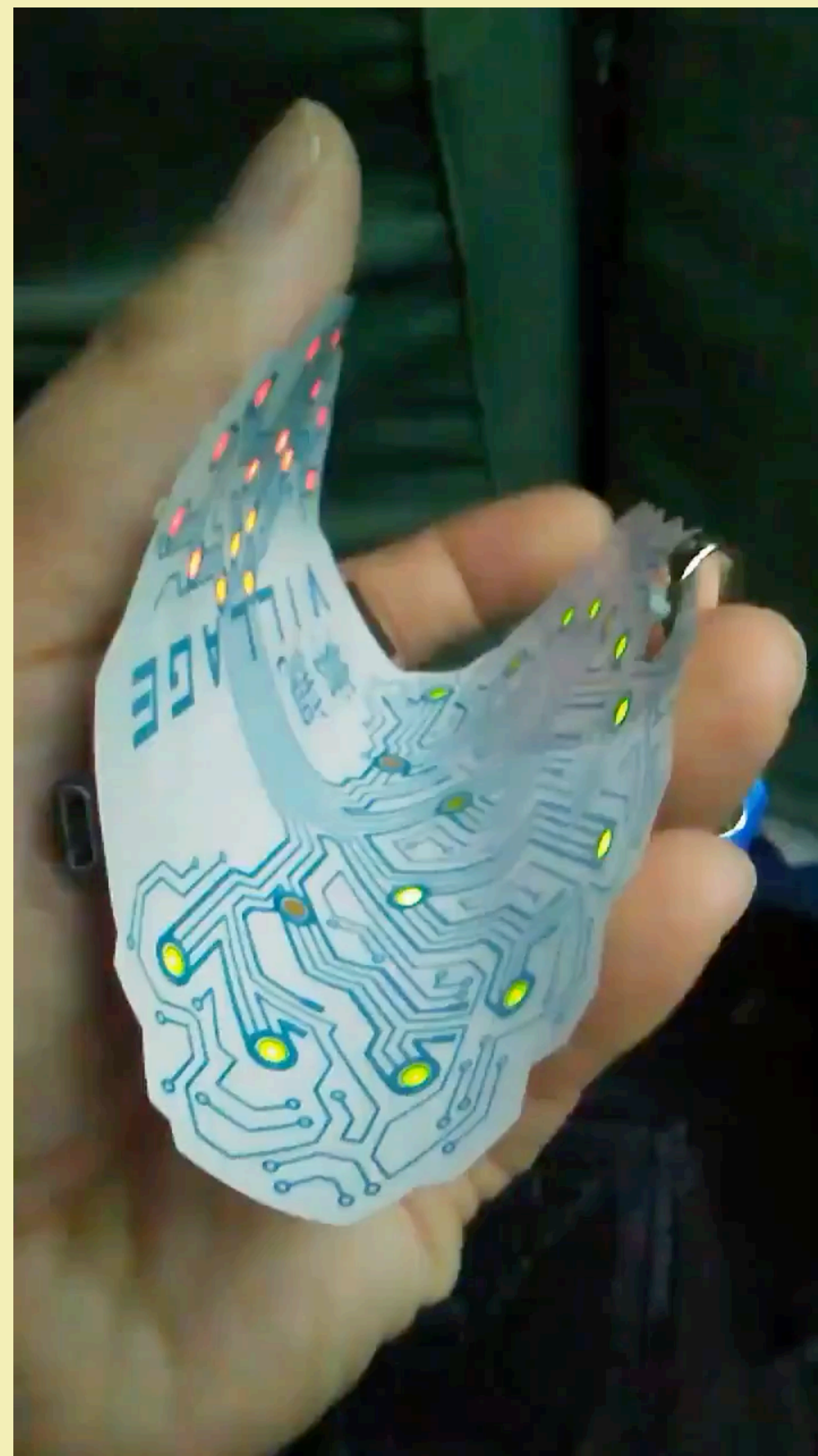




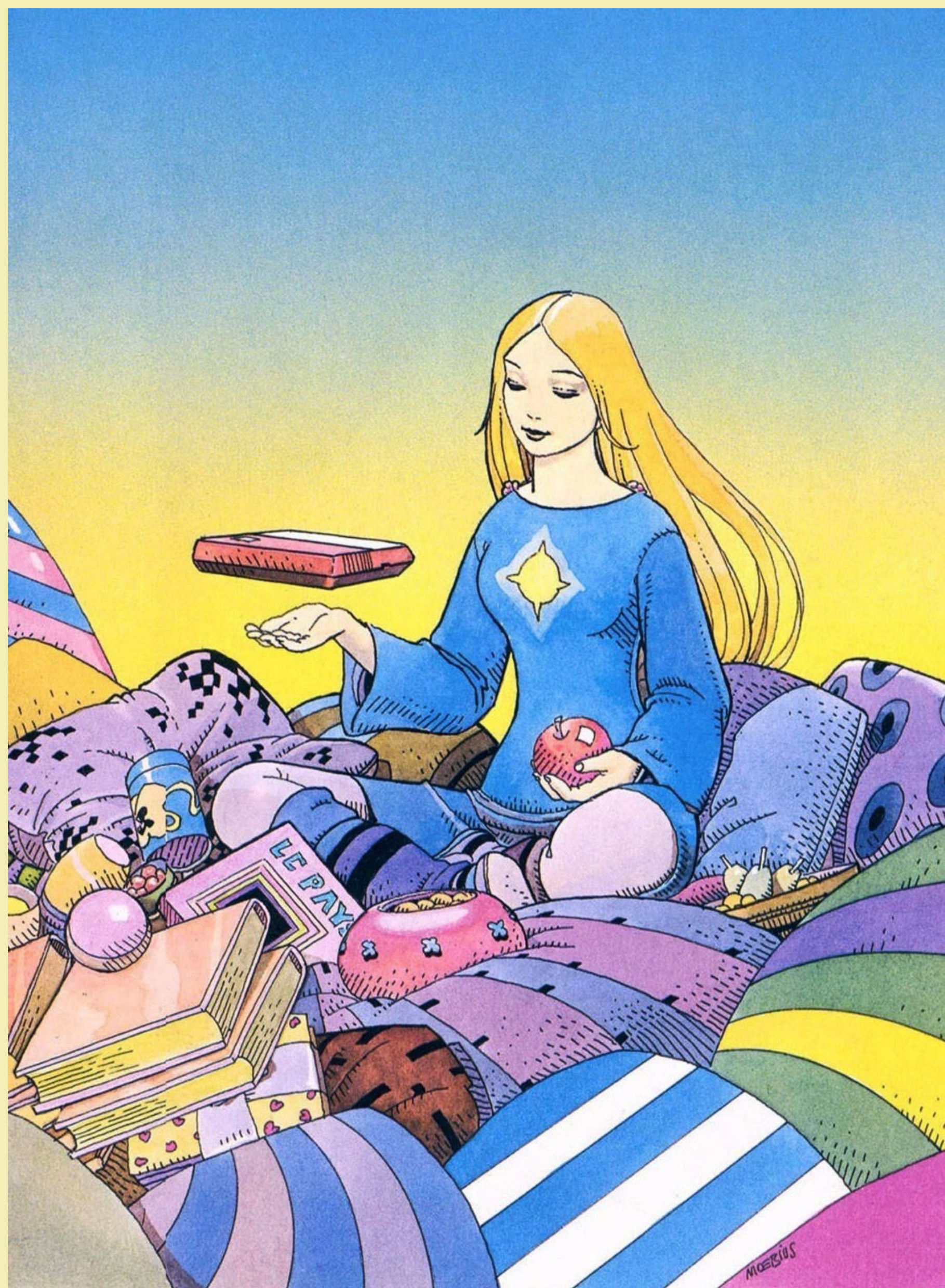






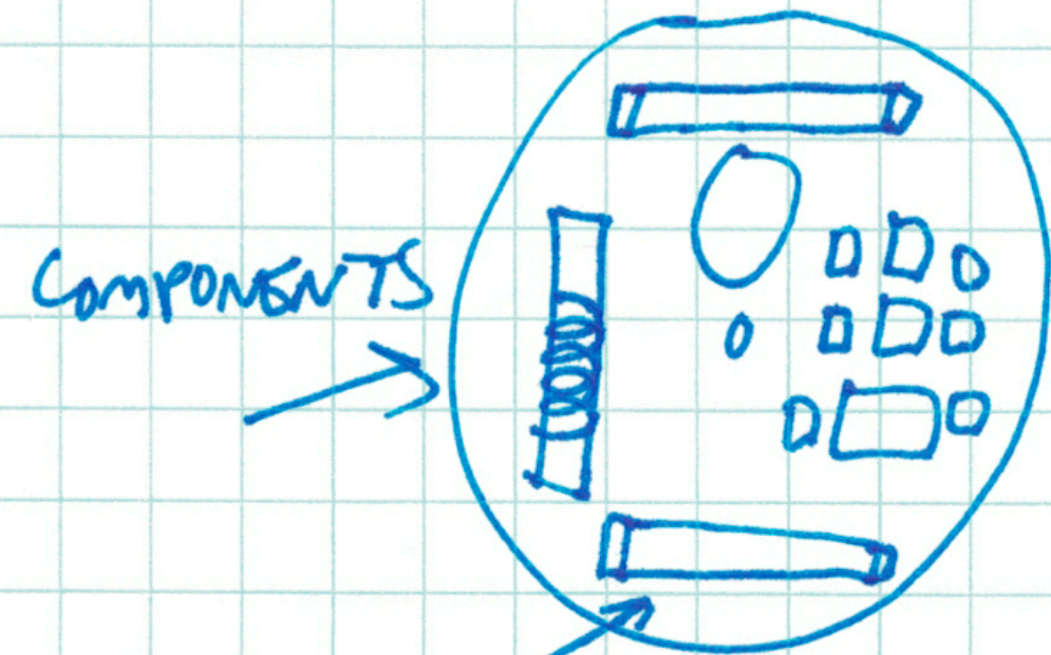




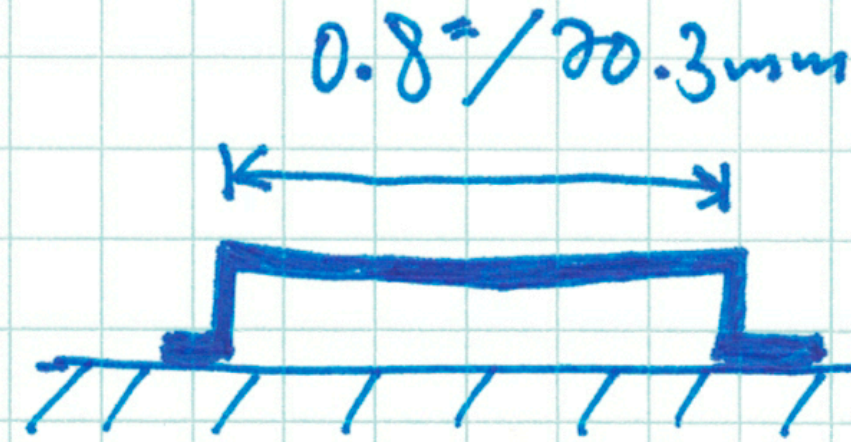


DC87 PCB/LANYARD MOUNTING

1/29/19



PCB
JUMPER
WIRE/LINK
SMD
x2

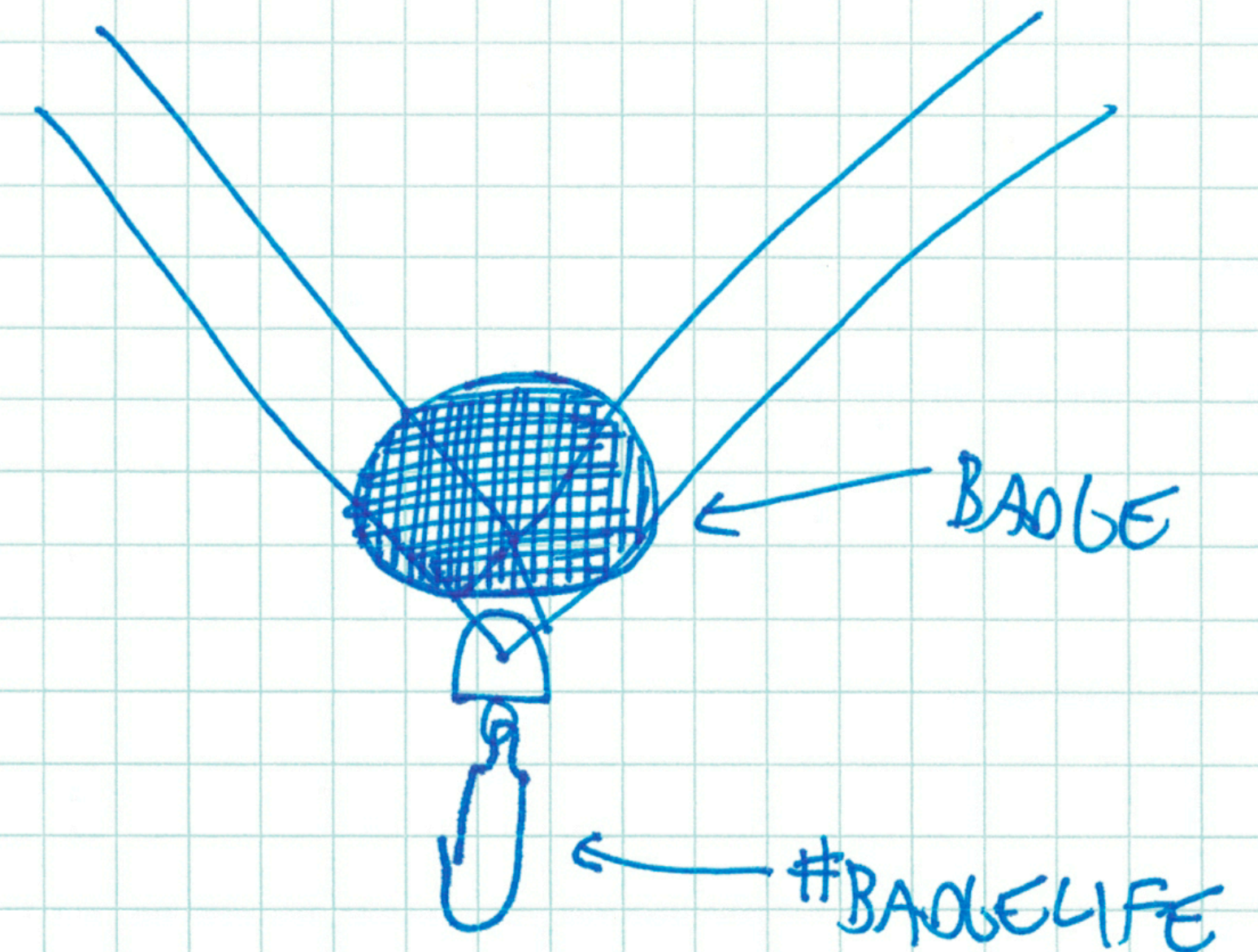


$0.049 \pm$
1.25mm minimum

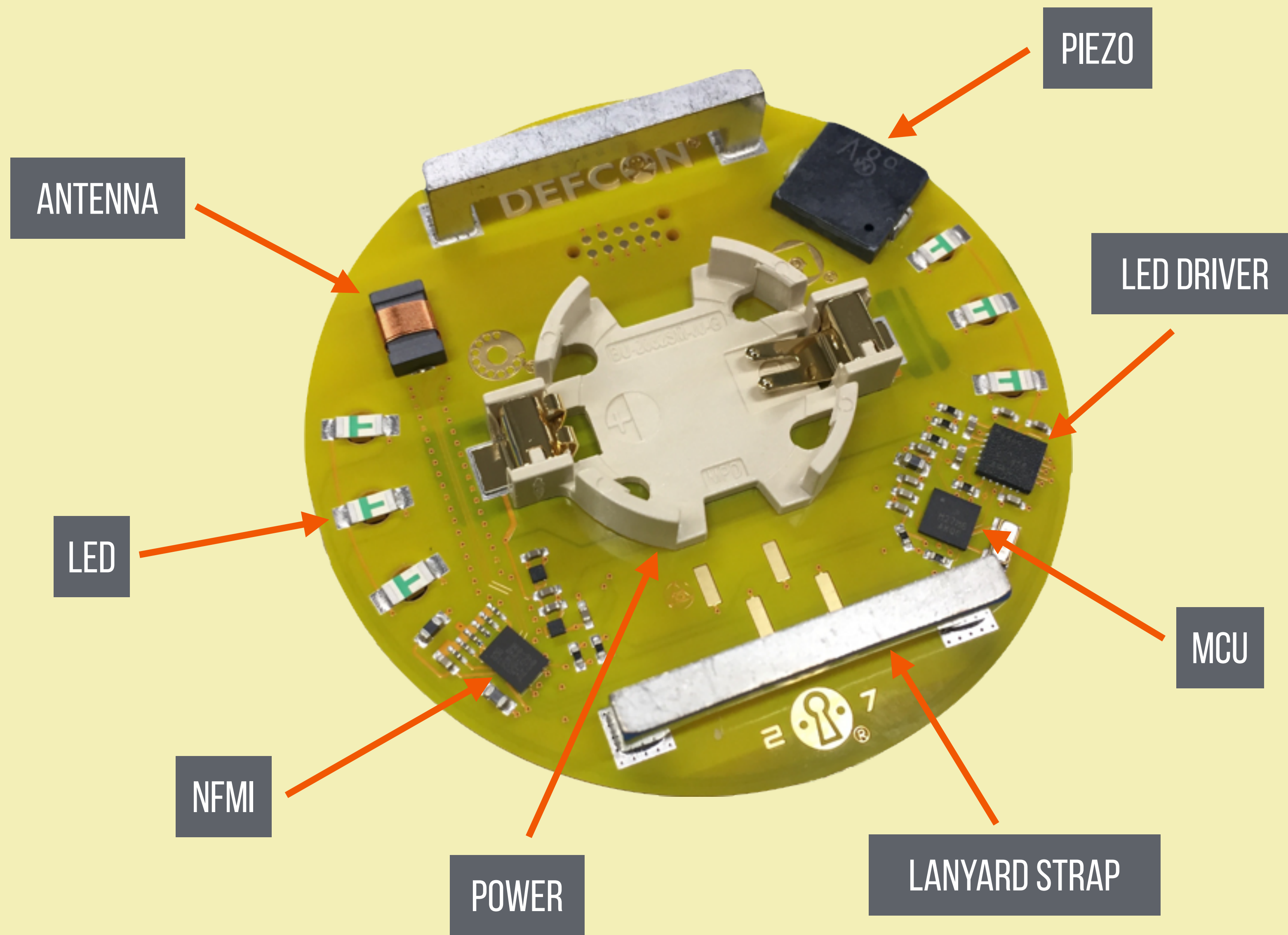
SIDE

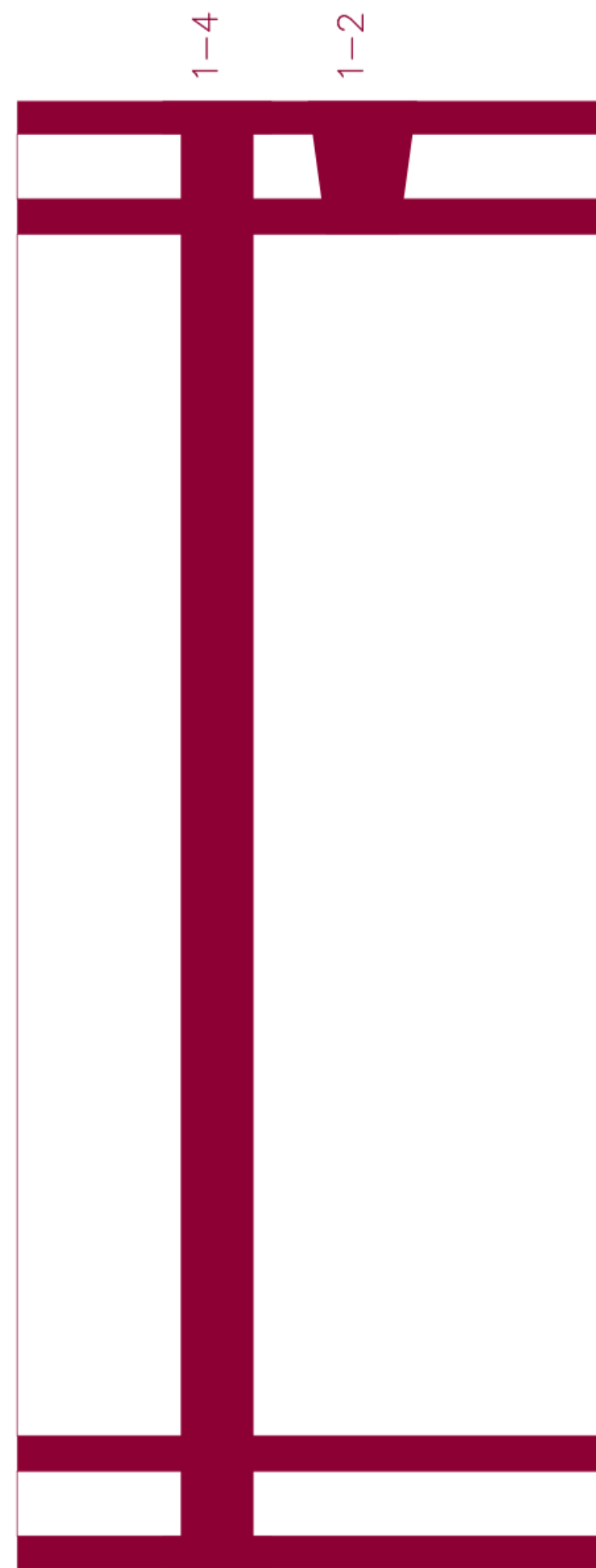
LANYARD STRAP SLIDES THROUGH
TO HOLD BAOLIE IN PLACE

"MOVE UP THE STACK"

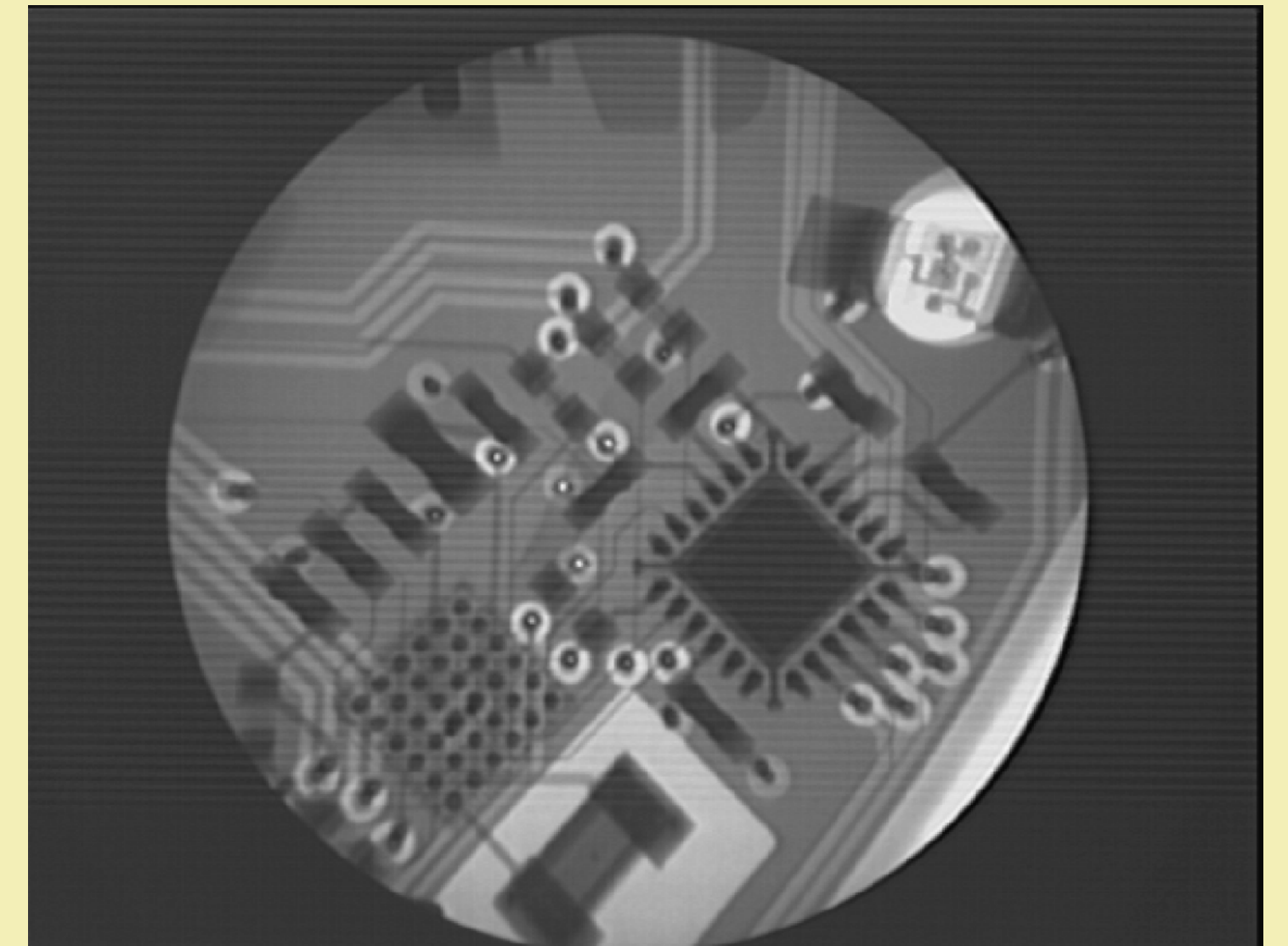
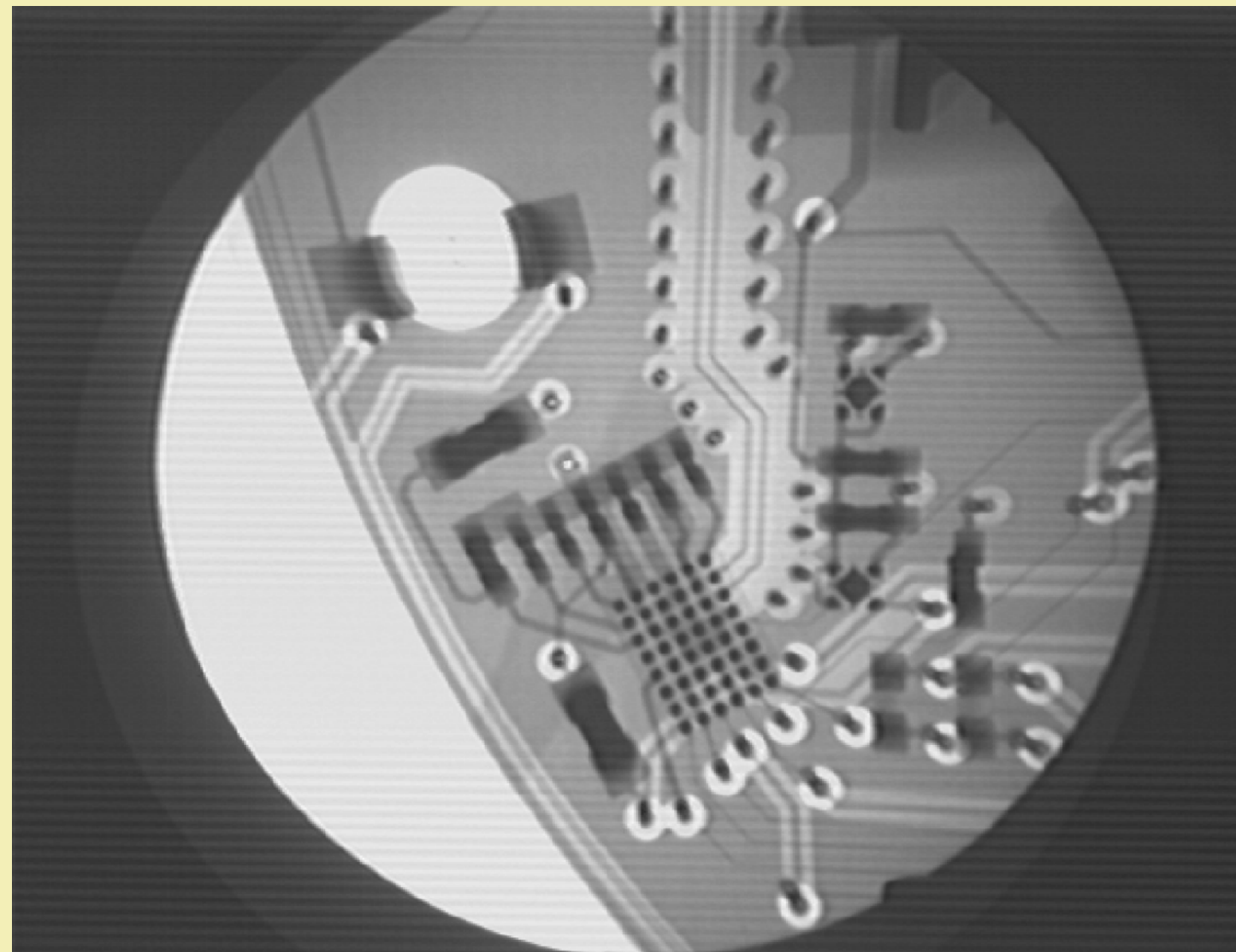
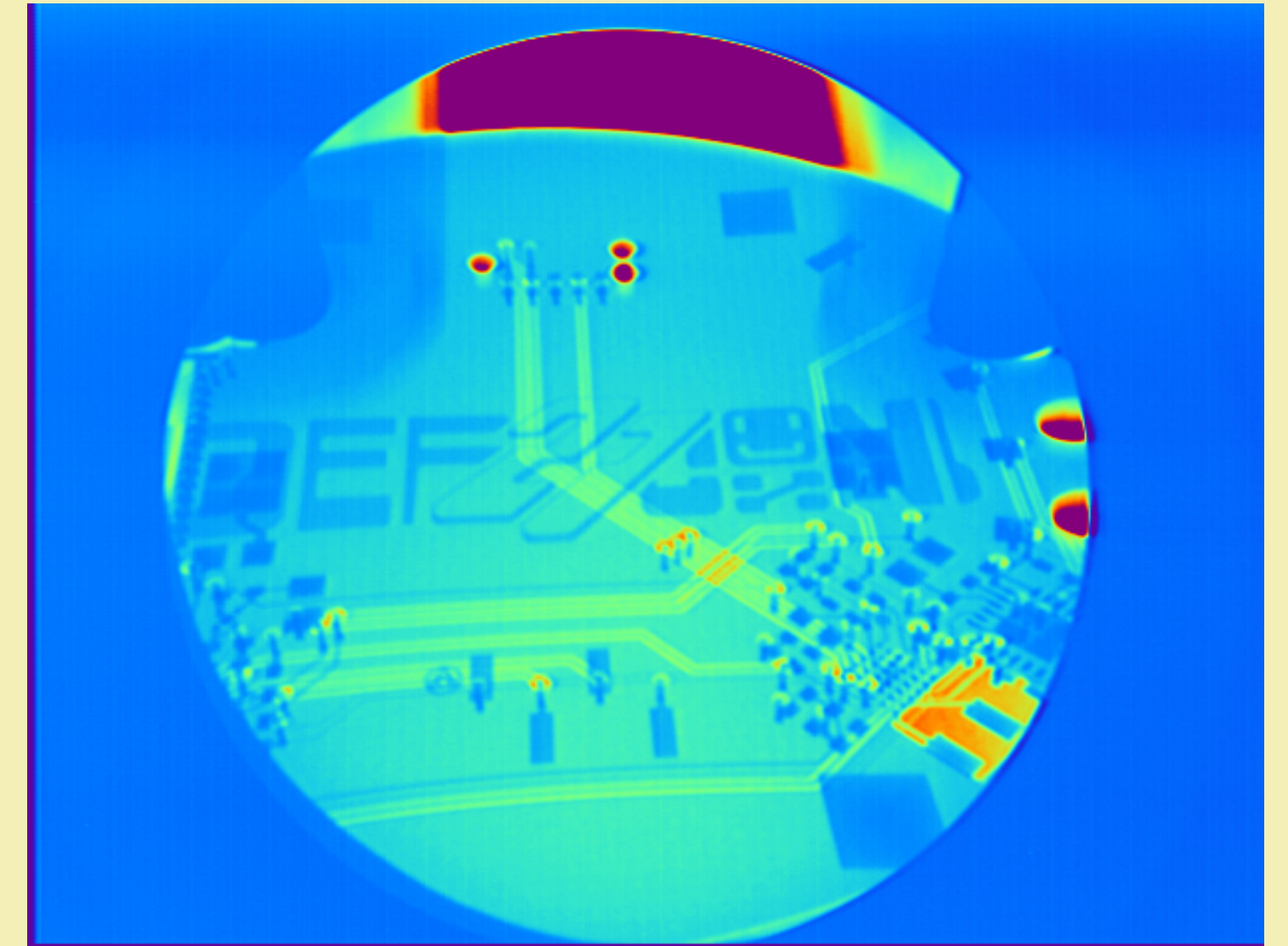








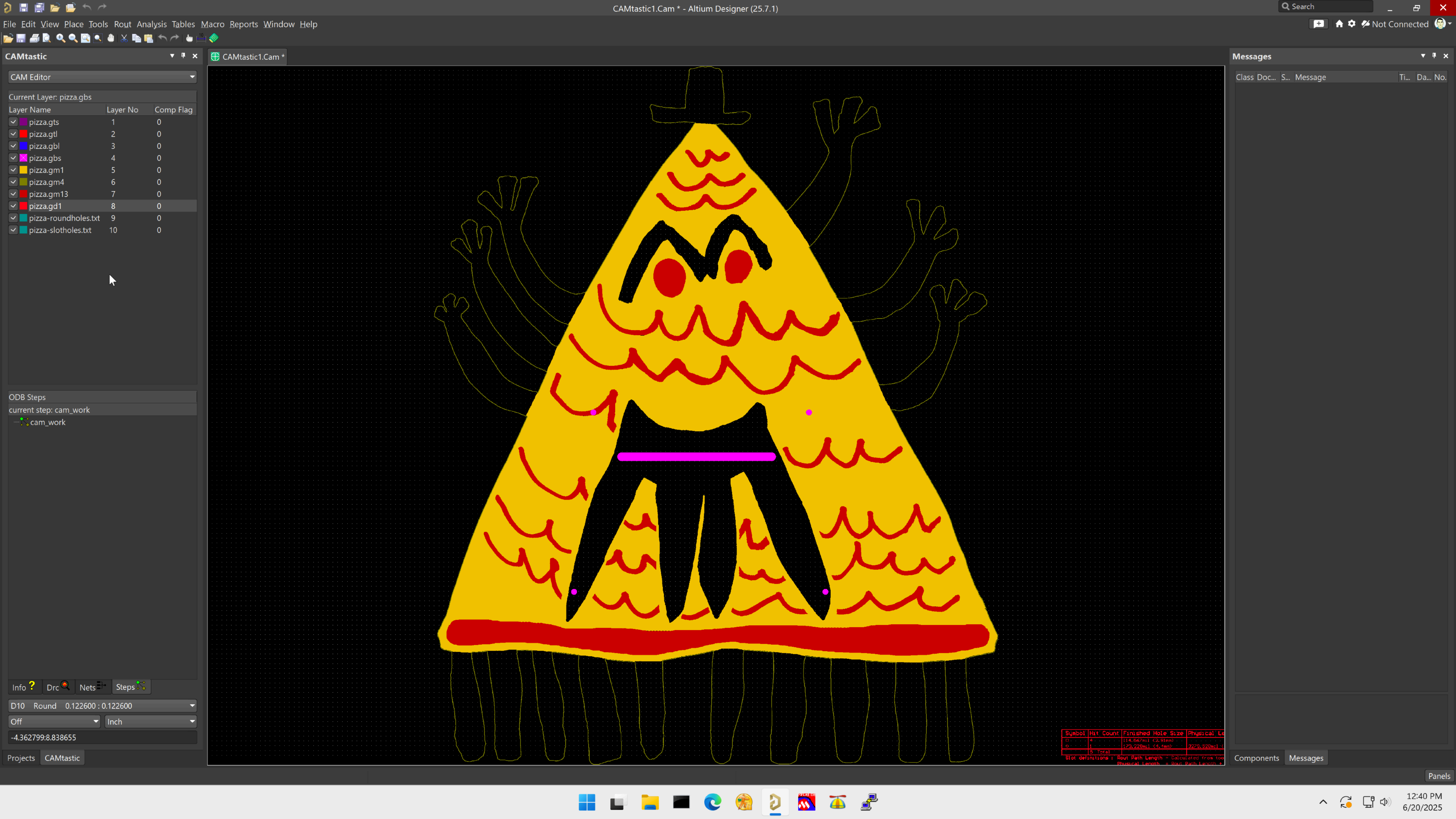
- * SURFACE — AIR 0 MM
- 1: TOP CONDUCTOR — COPPER 0.033 MM
- * DIELECTRIC — FR-4 0.065 MM
- 2: LAY_2 PLANE — COPPER 0.035 MM
- * DIELECTRIC — FR-4 1.2 MM
- 3: LAY_3 CONDUCTOR — COPPER 0.035 MM
- * DIELECTRIC — FR-4 0.065 MM
- 4: BOTTOM CONDUCTOR — COPPER 0.033 MM
- * SURFACE — AIR 0 MM





	QUANTITY	UNIT COST	DEVELOPMENT TIME
	6,055	\$5.36	35
	6,800	\$10.93	170
	8,500	\$10.72	220
	6,694	\$7.05	186
	7,780	\$14.12	150
	3,300	\$19.25	N/A
	28,600	\$26.97	N/A











A person with dark curly hair, wearing a blue and white patterned face mask and a dark jacket, stands in a wooded area. They are looking down at a smartphone in their hands. The background consists of bare trees and a misty or overcast sky. Overlaid on the image is large, golden, 3D-style text.

THE HACKER

A PIZZA JOURNEY



