

NIXIE SHIELD FOR ARDUINO

COMPONENTS

- R1 - 0R100
- R2 - 1M5; 1%
- R3 - 13K3; 1%

- C1 - 220uF; 25V
- C2, C3 - 100nF
- C4 - 4.7uF; 250V
- C5 - 100nF; >200V

- D1 - MUR140/160/1100

- L1 - 100uH; 1.7A

- T1 - IRFD320
- U1 - MAX1771
- U2 - 74141/155ID1

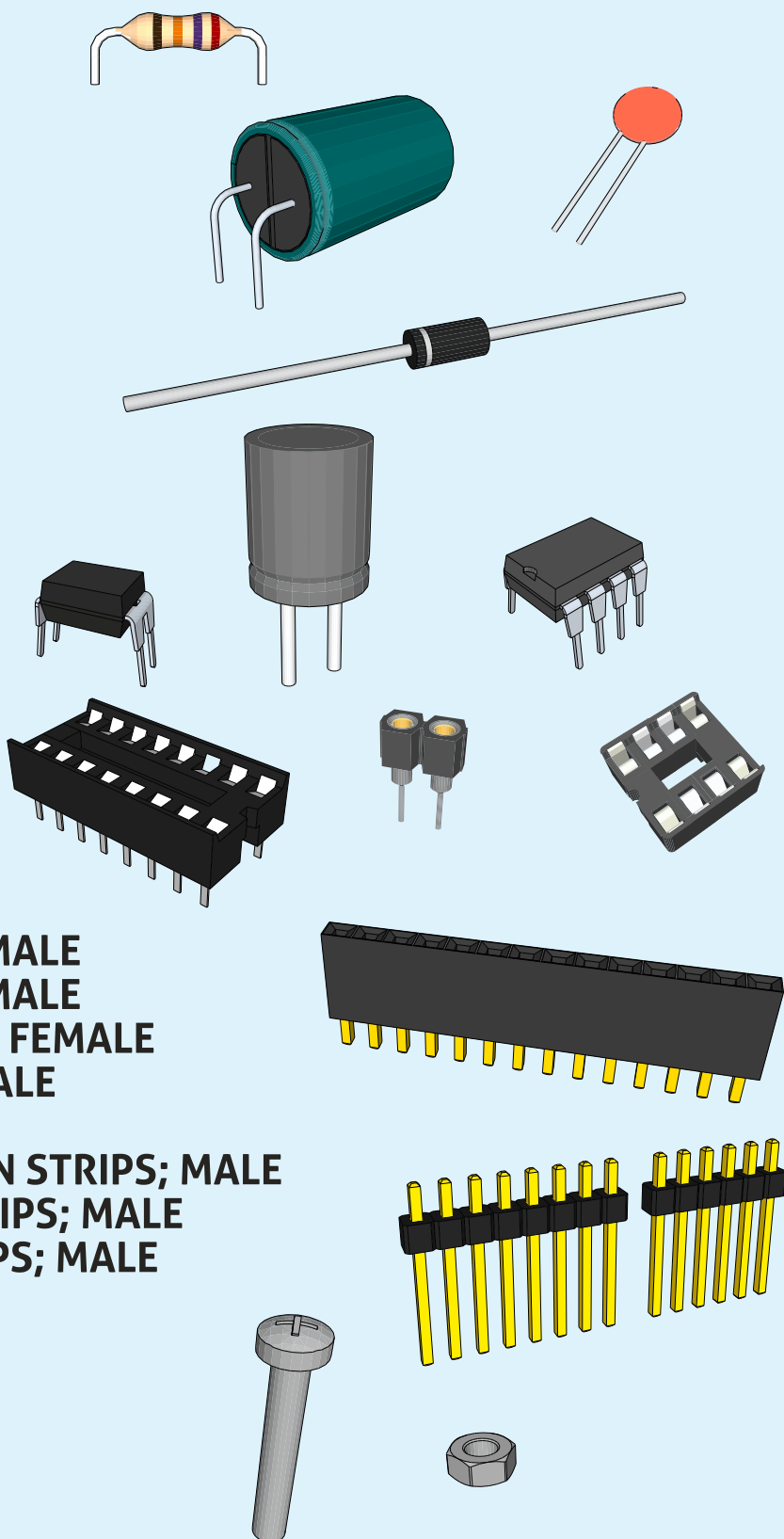
- T1 SOCKET - 2 x PIN2
- U1 SOCKET - DIL8
- U2 SOCKET - DIL16

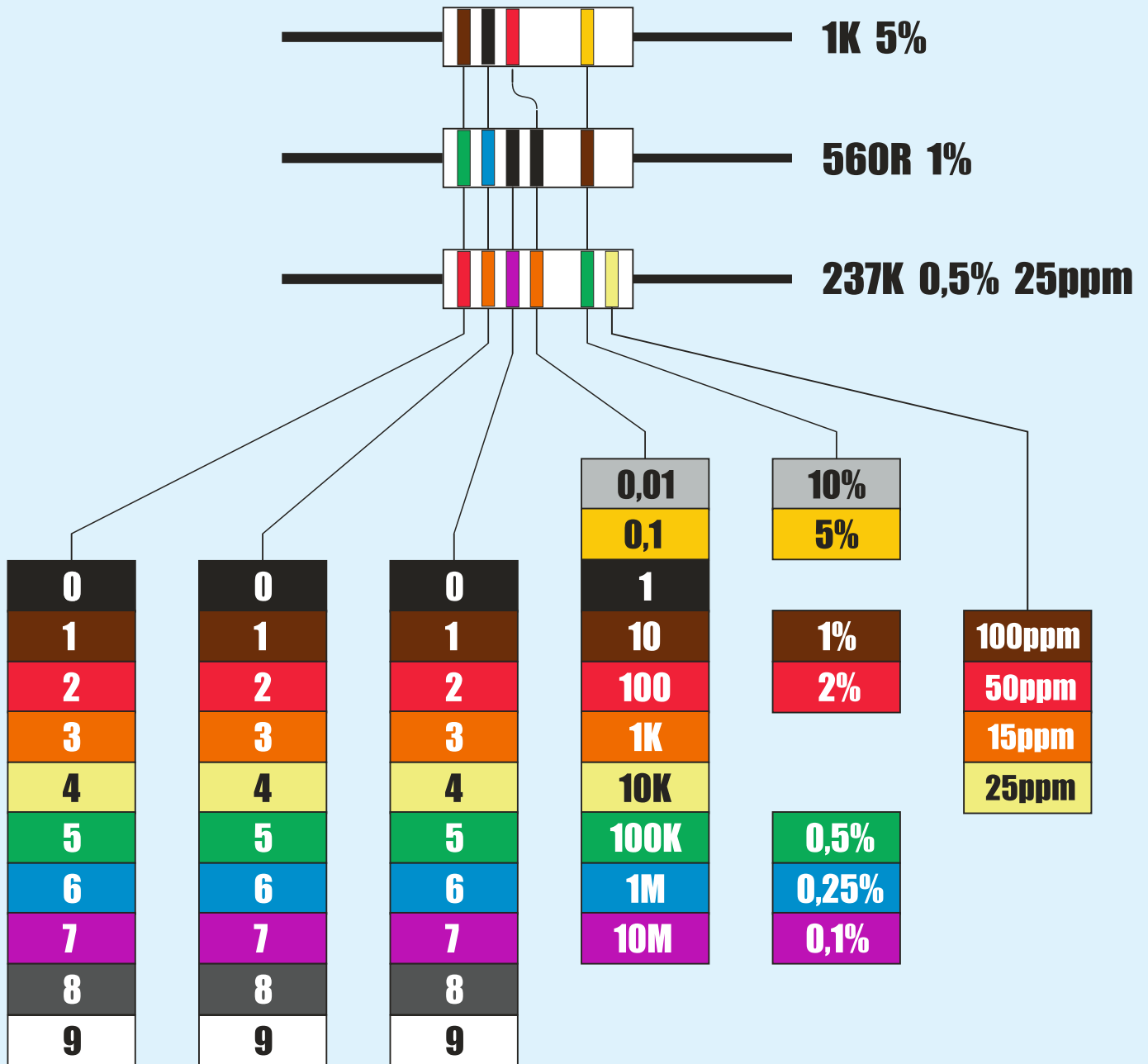
- PH1 - 1 x 14; PIN STRIPS; FEMALE
- PH3 - 1 x 10; PIN STRIPS; FEMALE
- PH4, PH5 - 1 x 8; PIN STRIPS; FEMALE
- PH6 - 1 x 6; PIN STRIPS; FEMALE

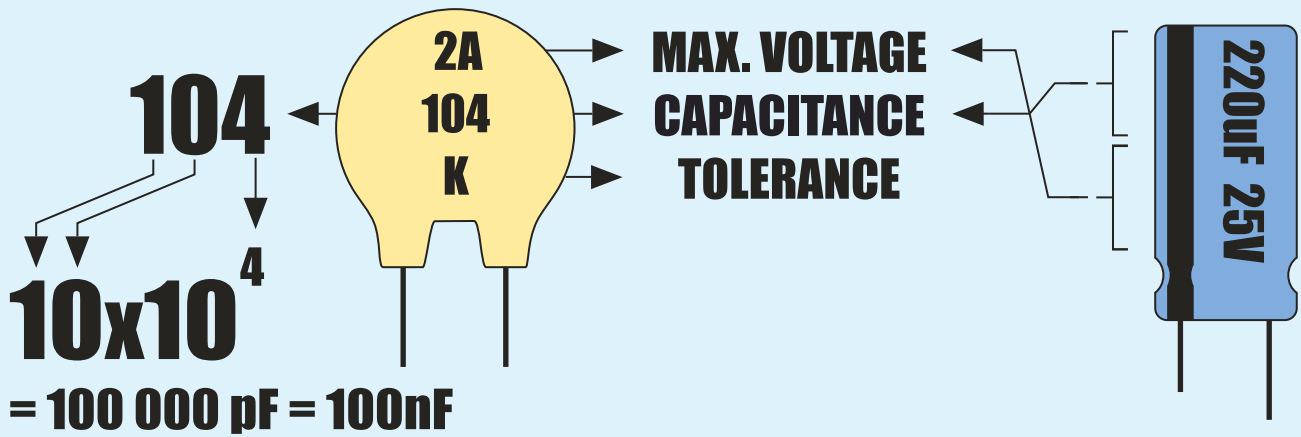
- PH7, PH10 - 1 x 8; 18mm; PIN STRIPS; MALE
- PH8 - 1 x 10; 18mm; PIN STRIPS; MALE
- PH9 - 1 x 6; 18mm; PIN STRIPS; MALE

- SCREW - 4 x M3; 20mm
- SCREW NUT - 4 x M3

- PCB
- ENCLOSURE

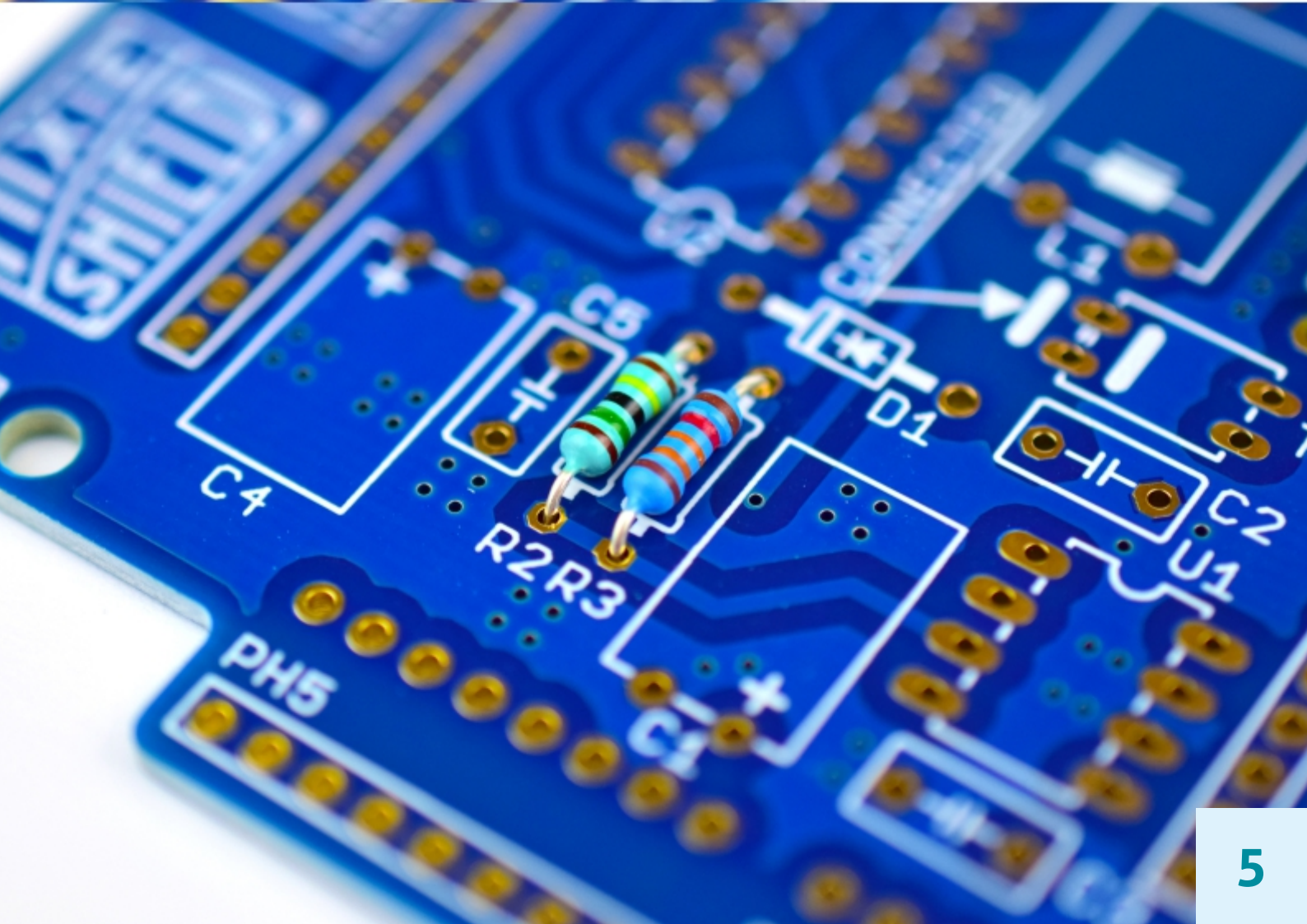
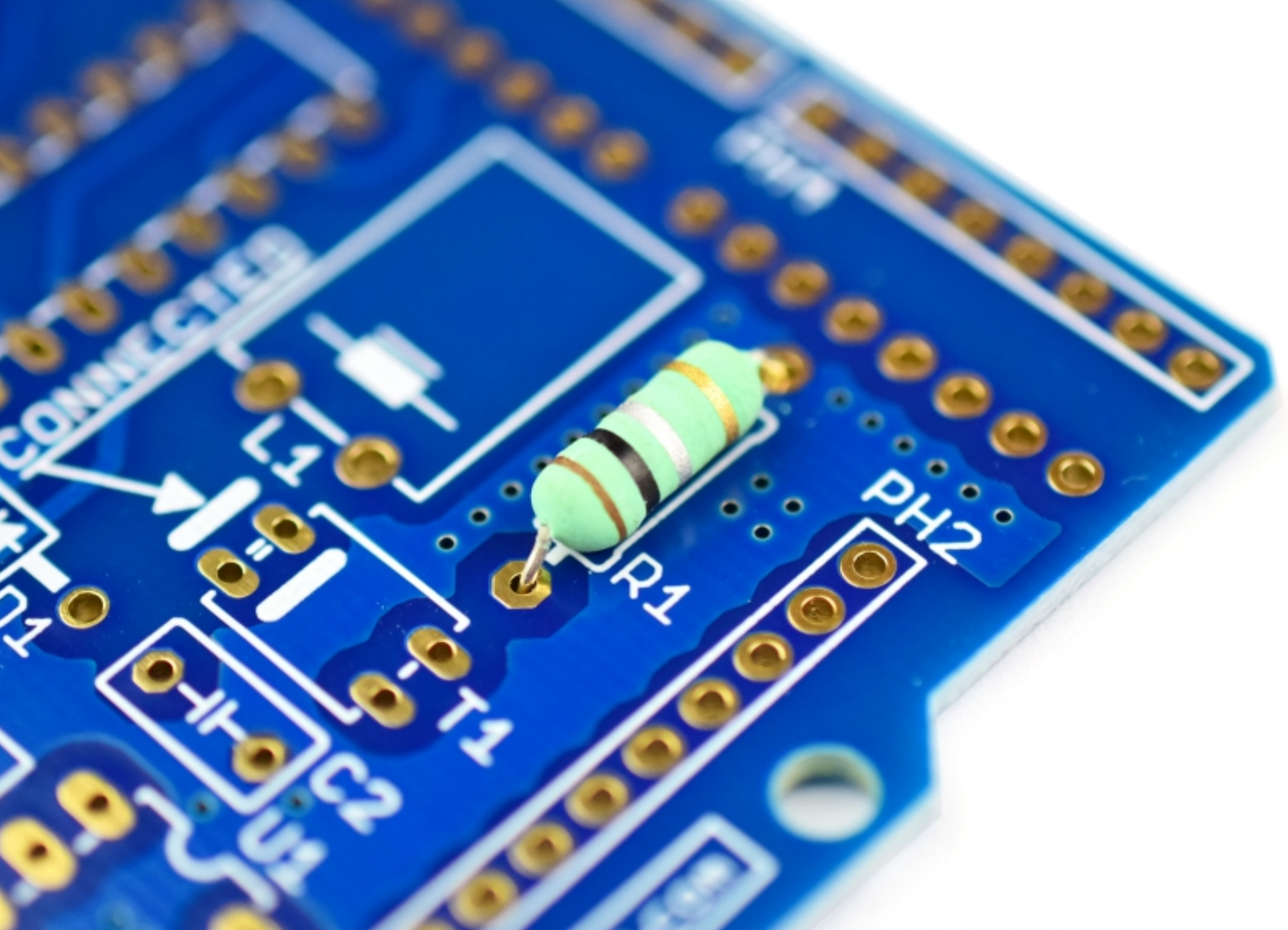


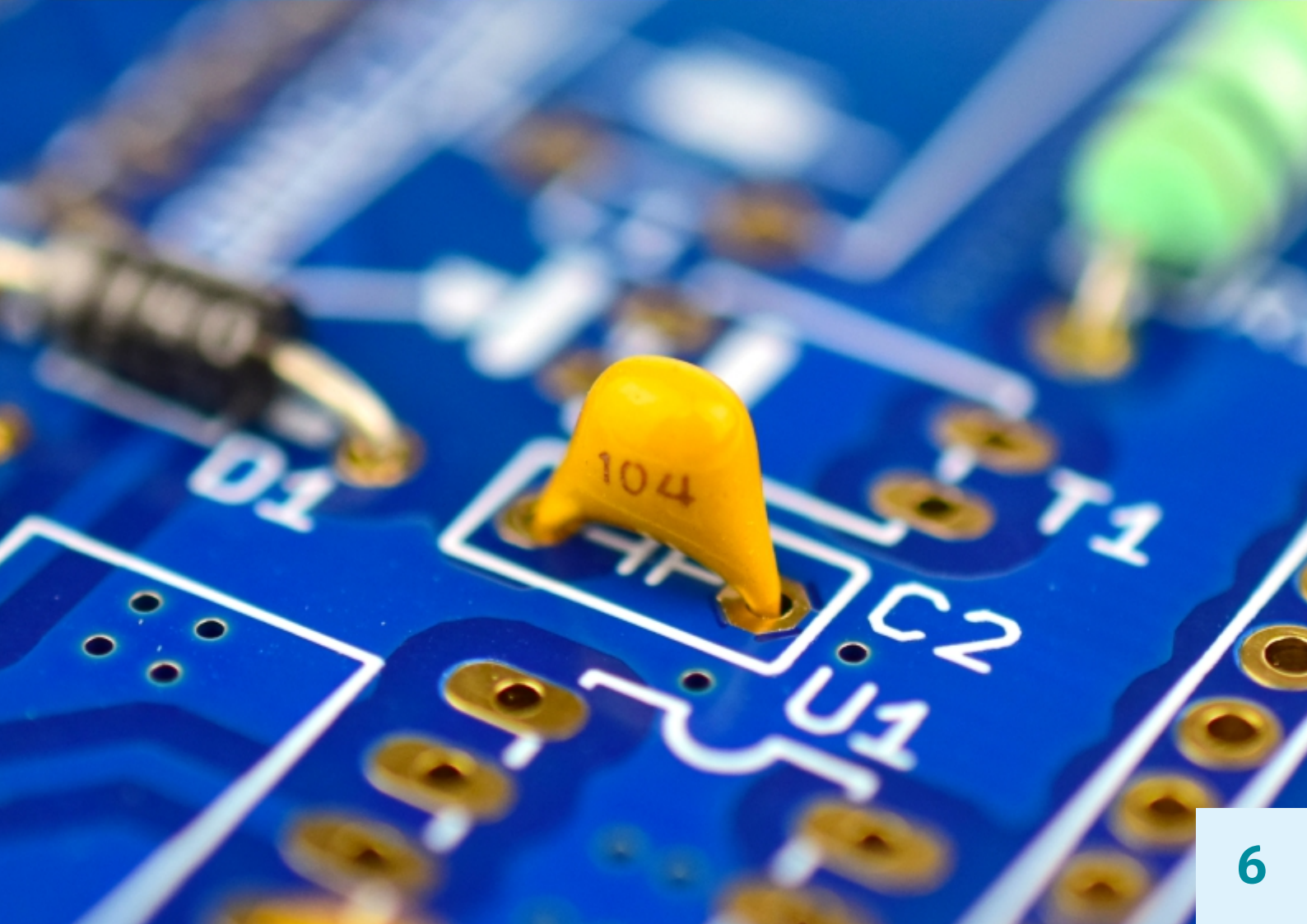
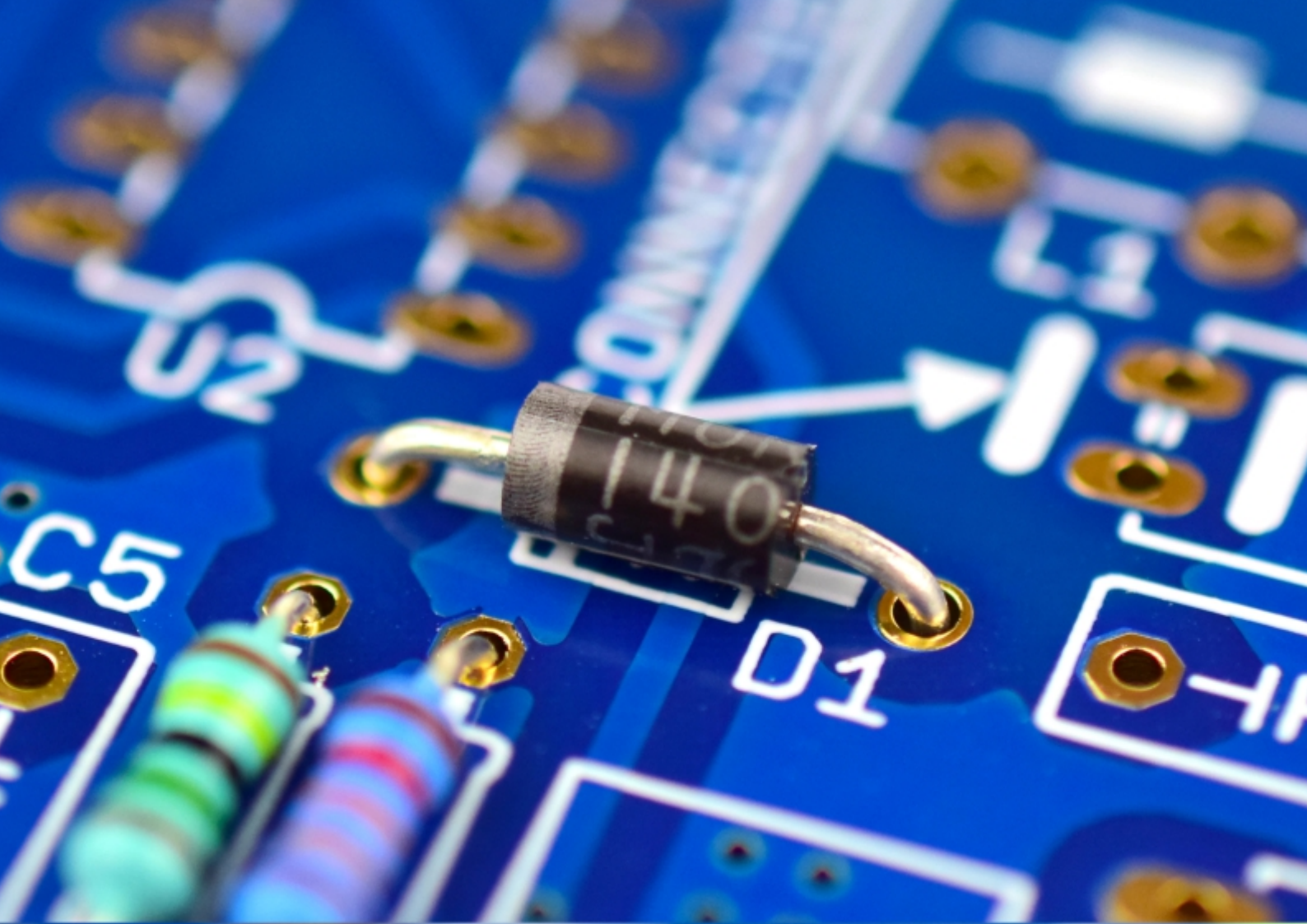


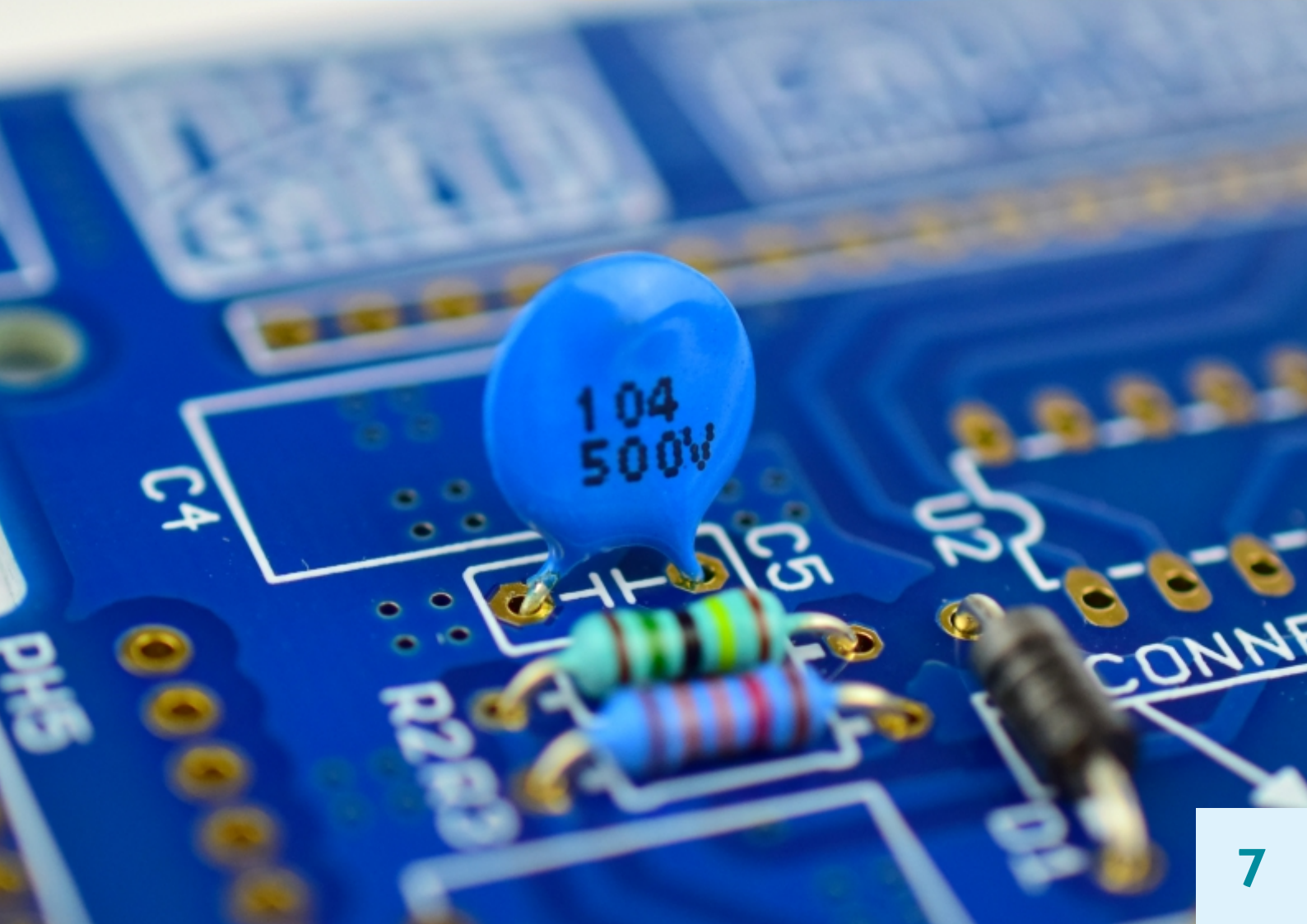
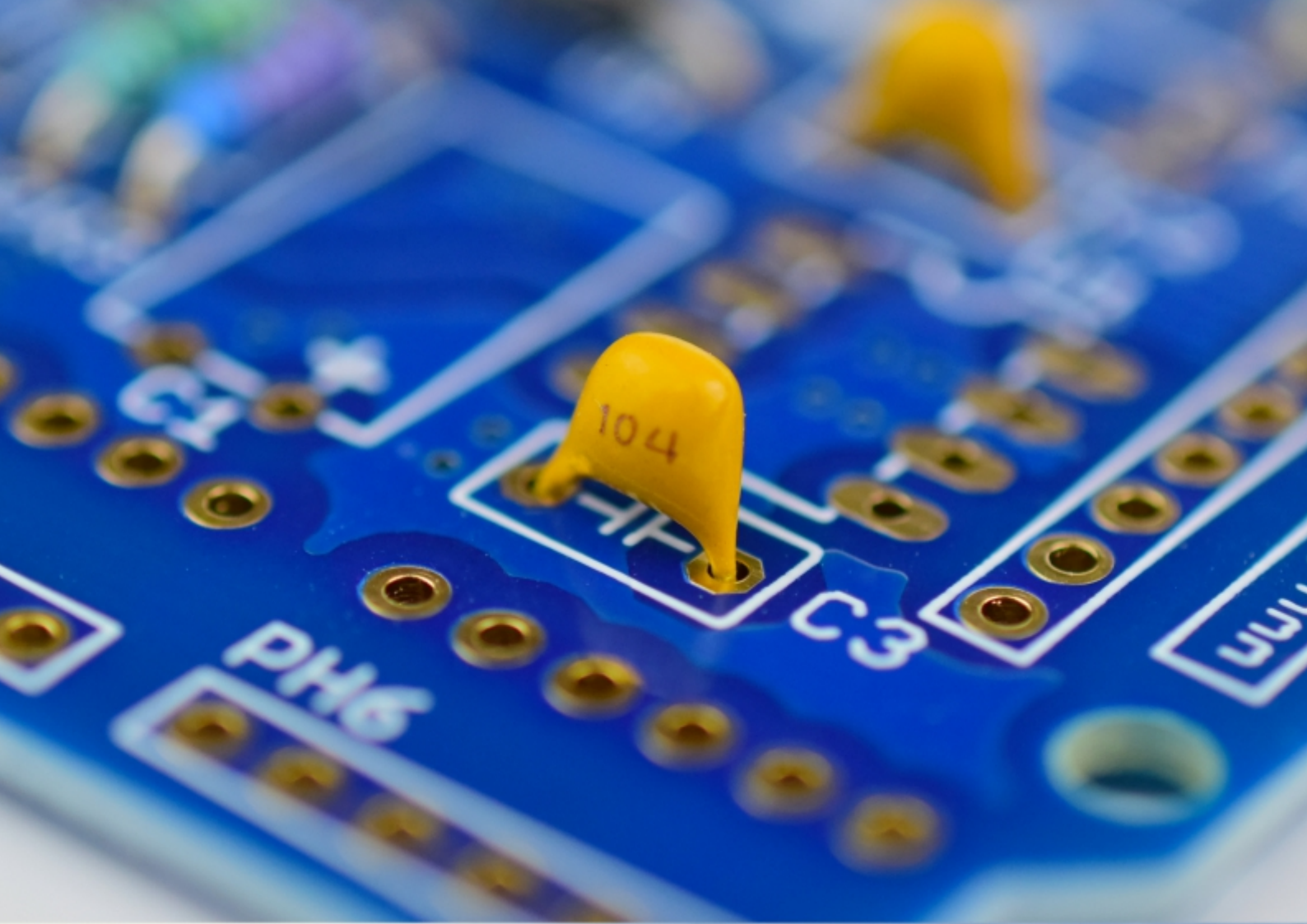


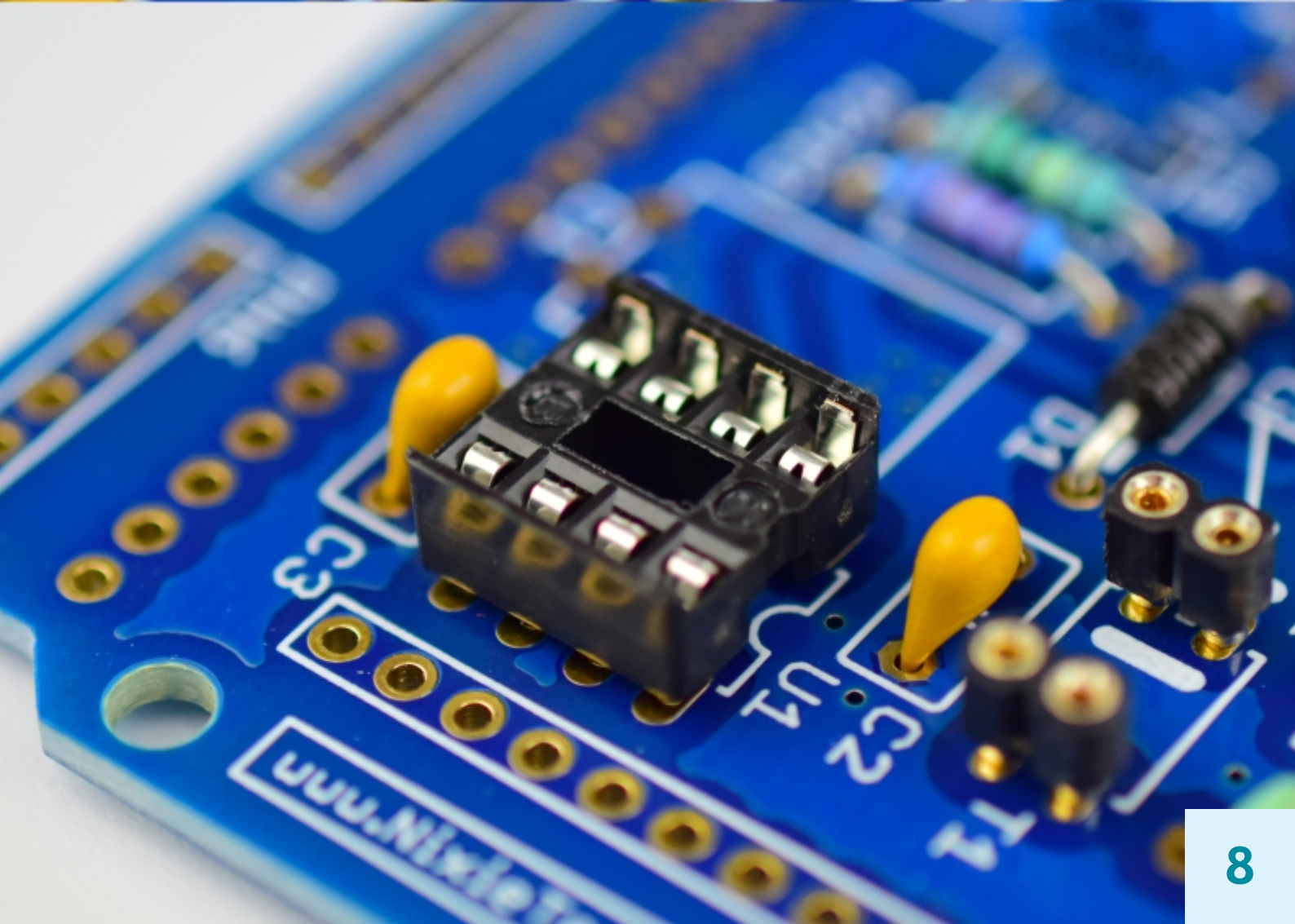
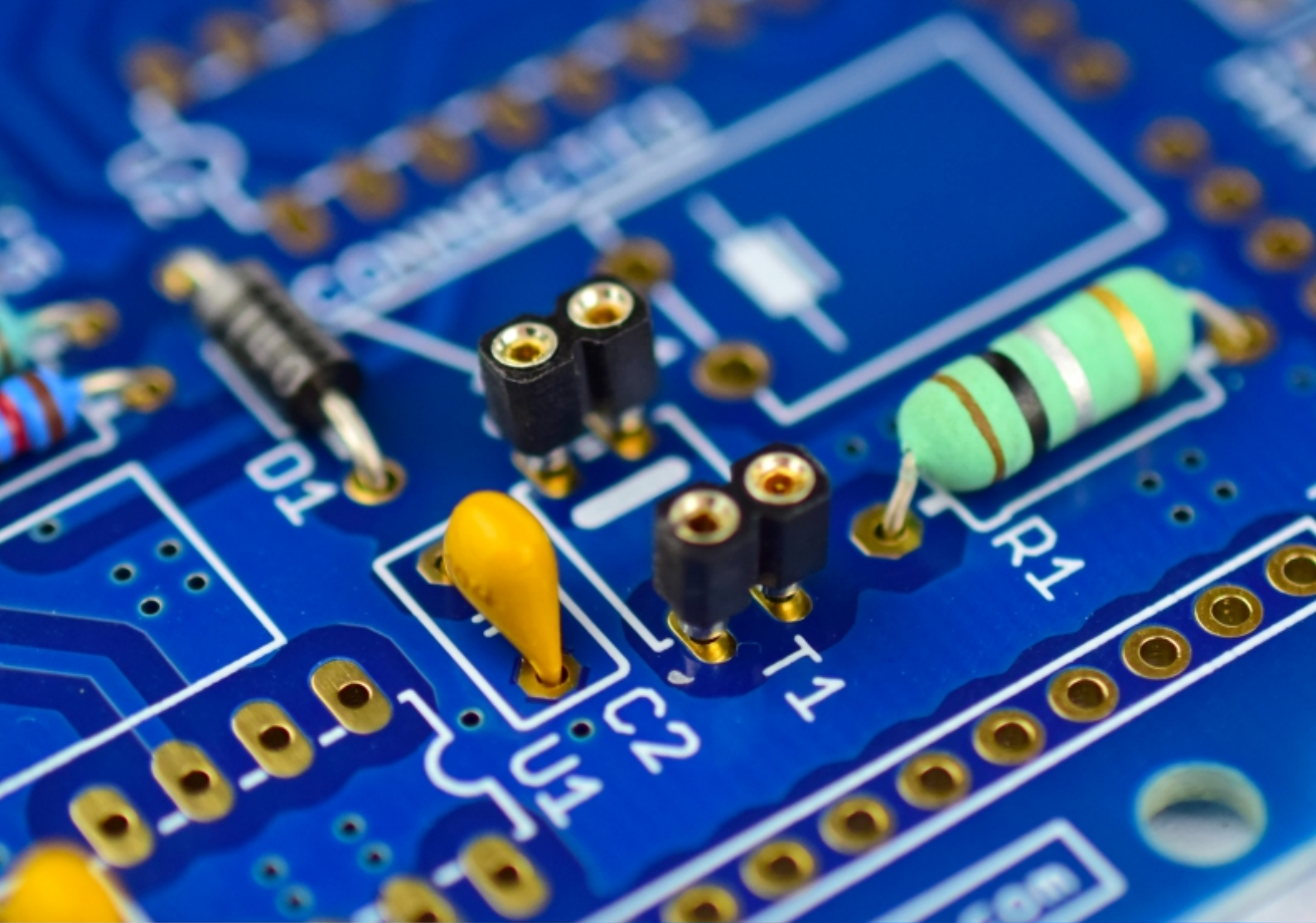
MAX. OPERATING VOLTAGE	
1H	50V
2A	100V
2T	150V
2D	200V
2E	250V
2G	400V
2J	630V

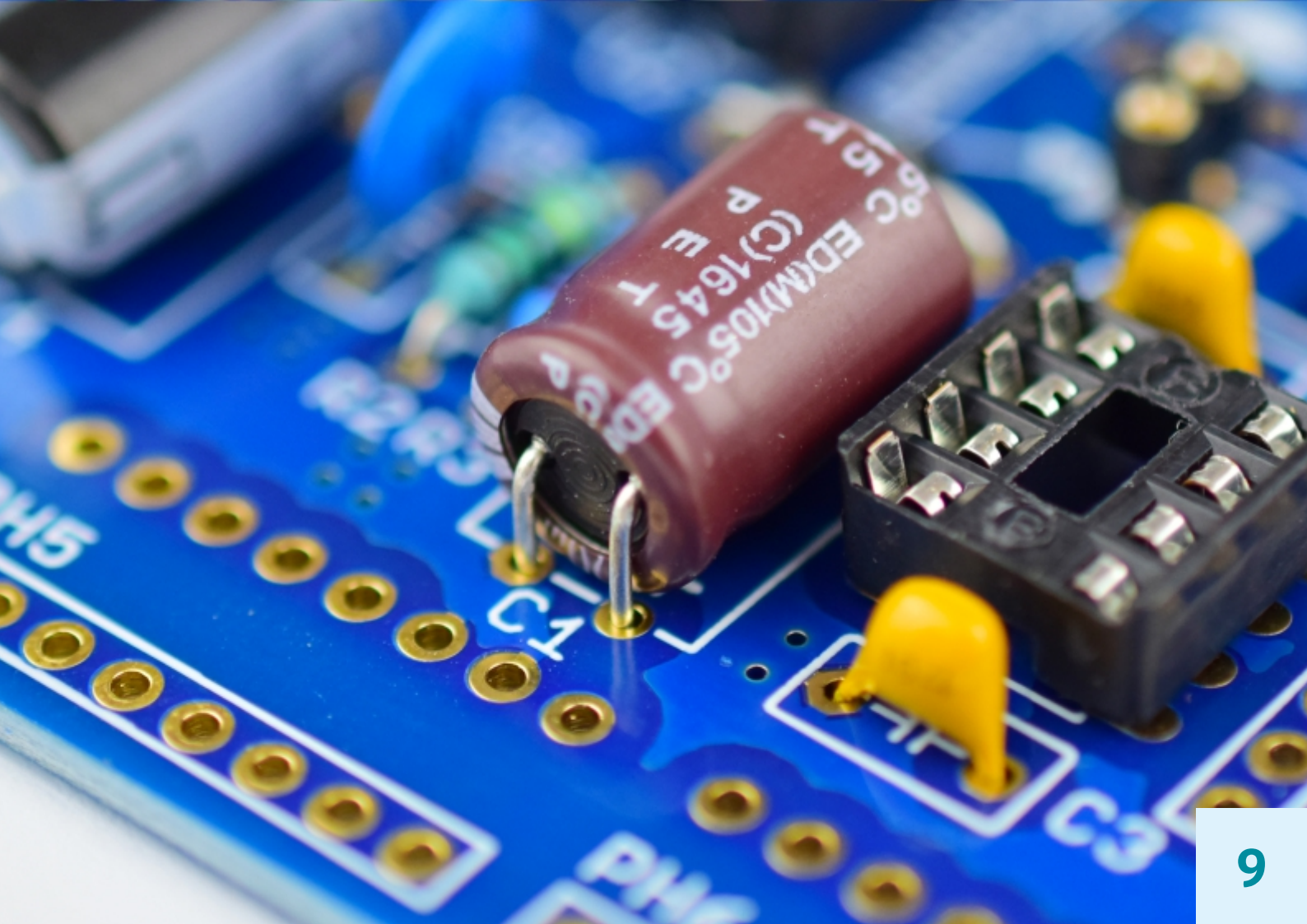
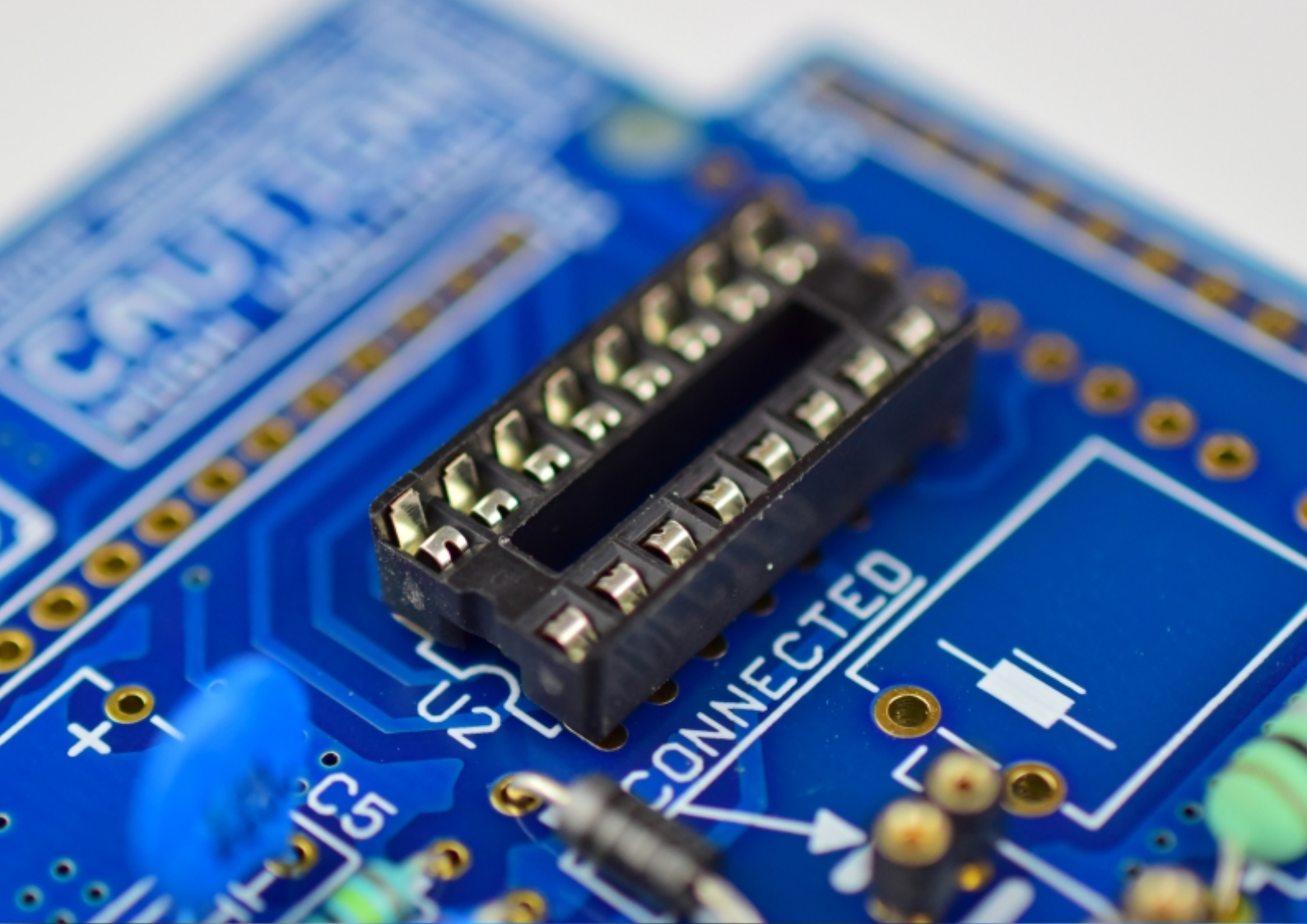
TOLERANCE	
B	0,1pF
C	0,25pF
D	0,5pF
F	1%
G	2%
H	3%
J	5%
K	10%
M	20%
Z	+80%, -20%

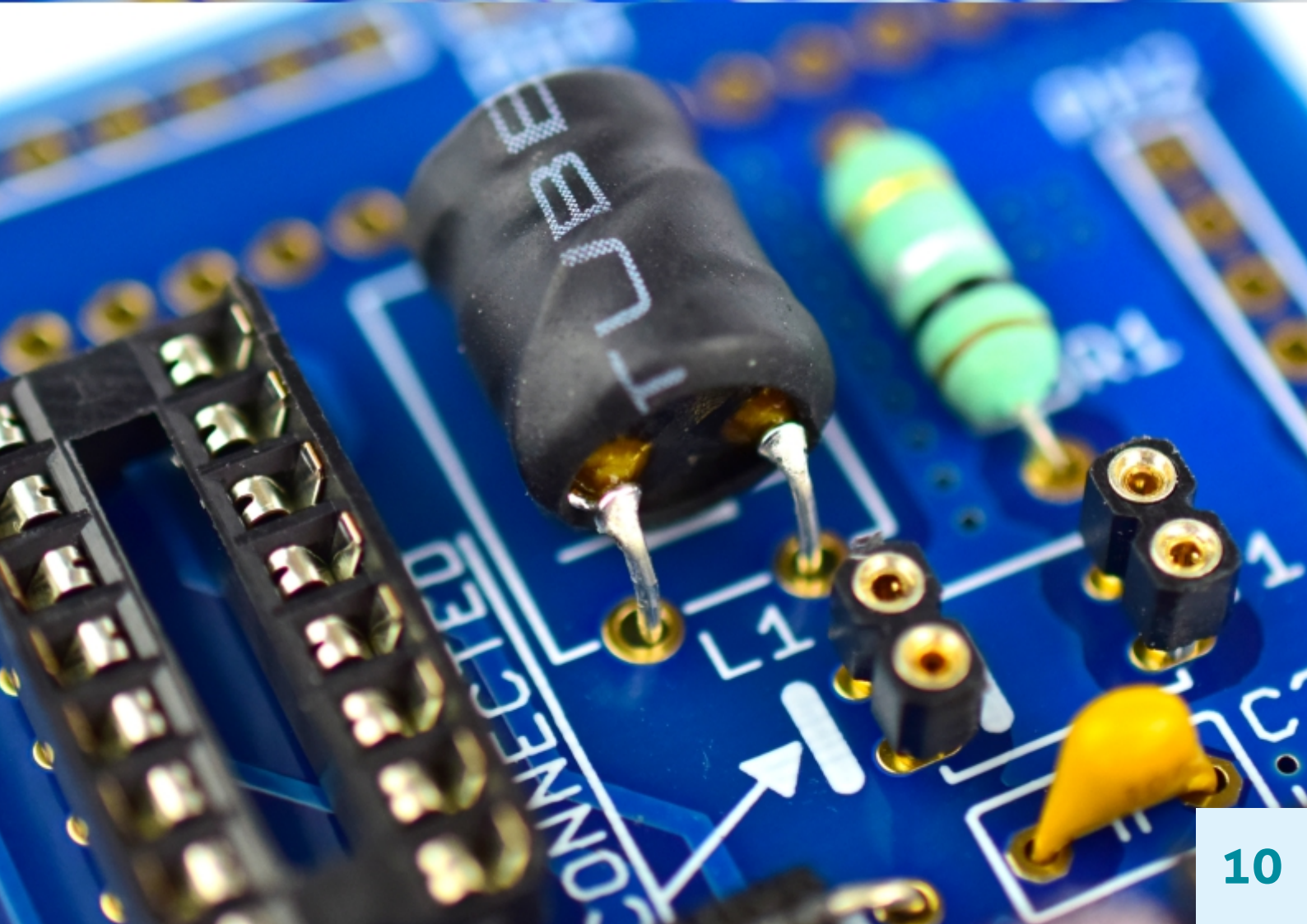
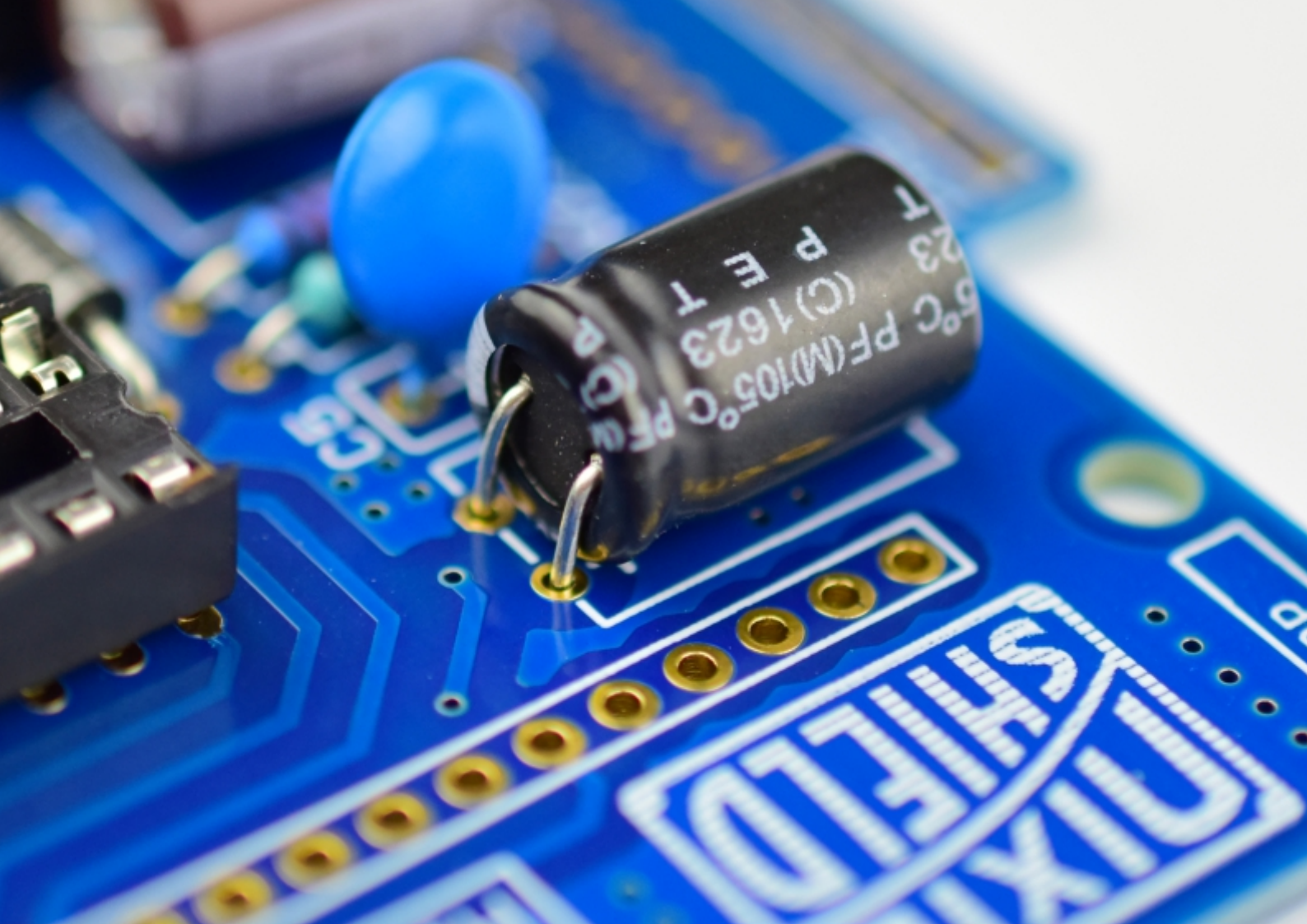


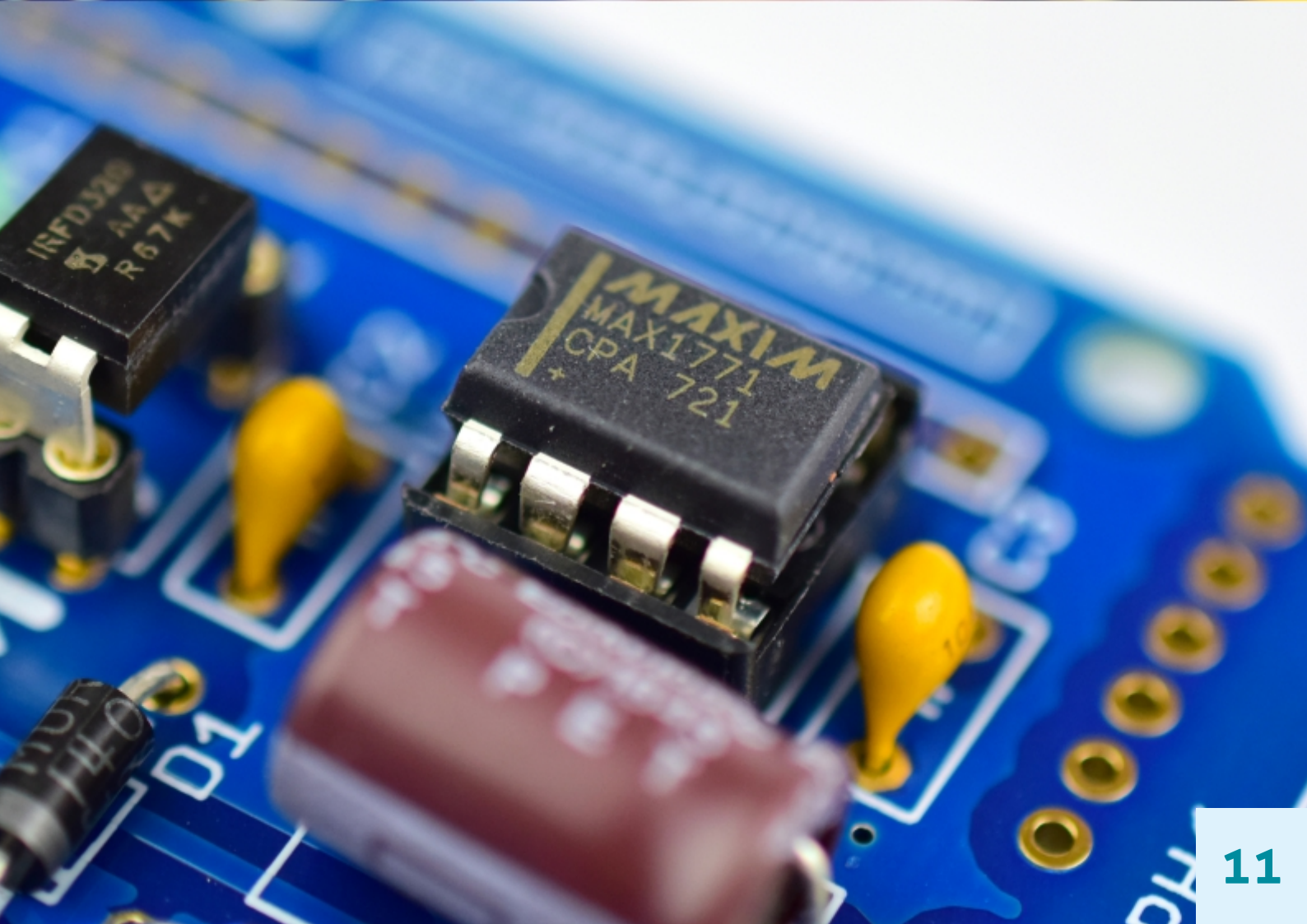
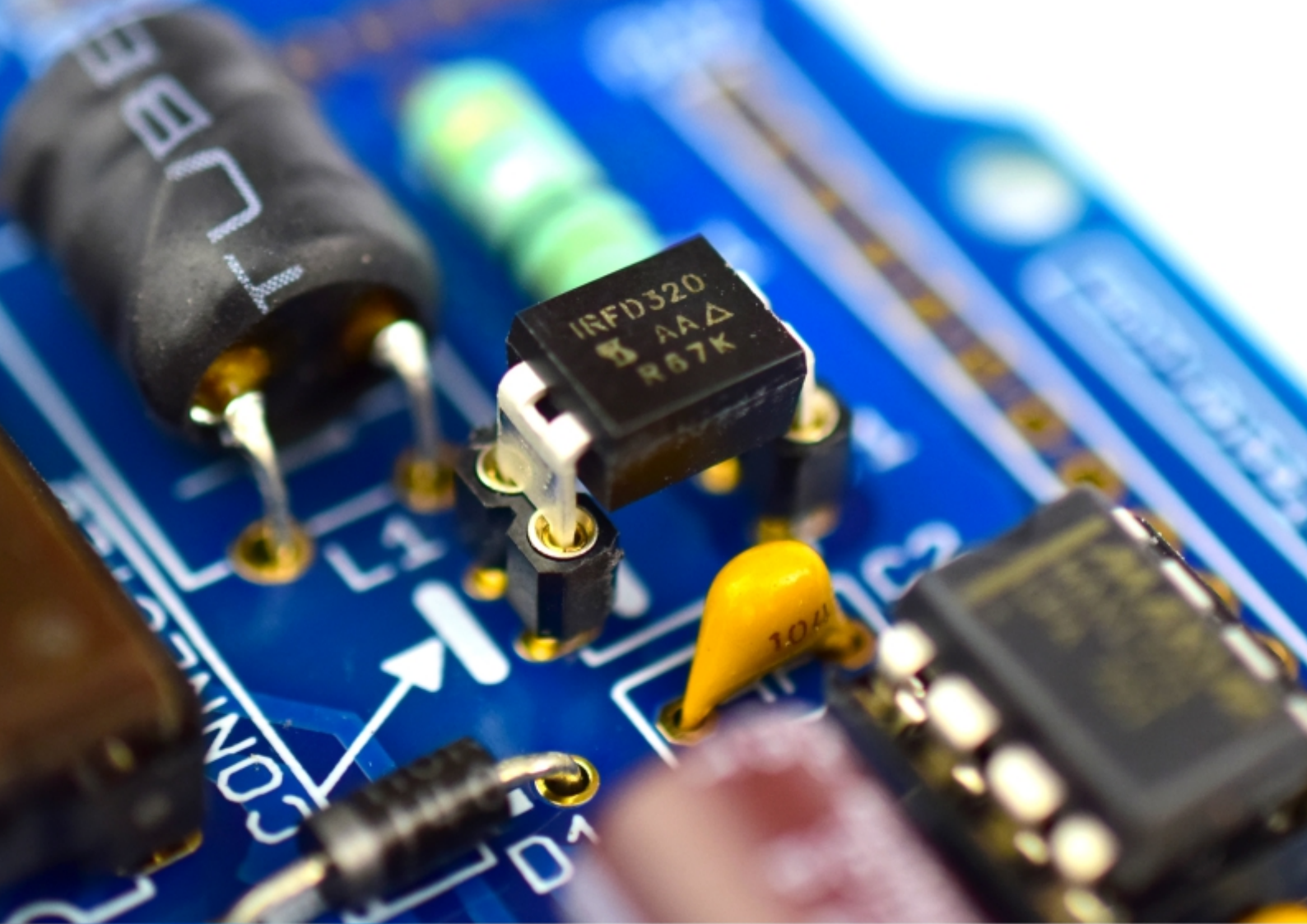


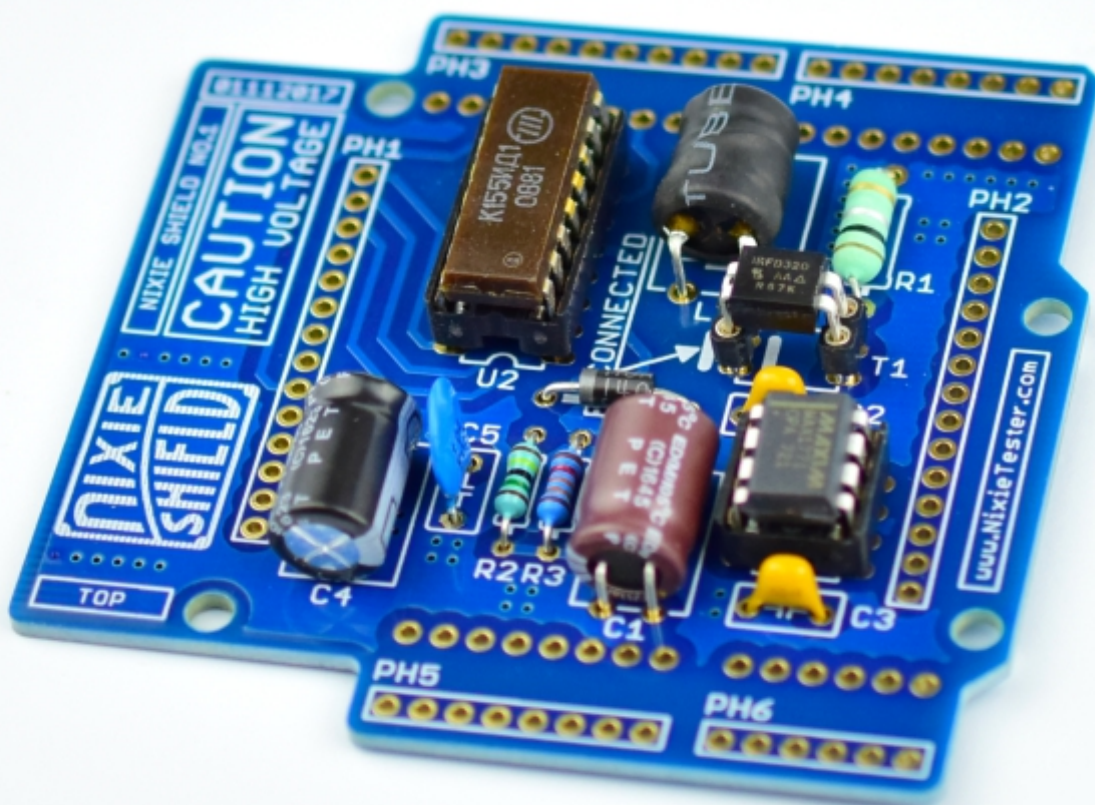
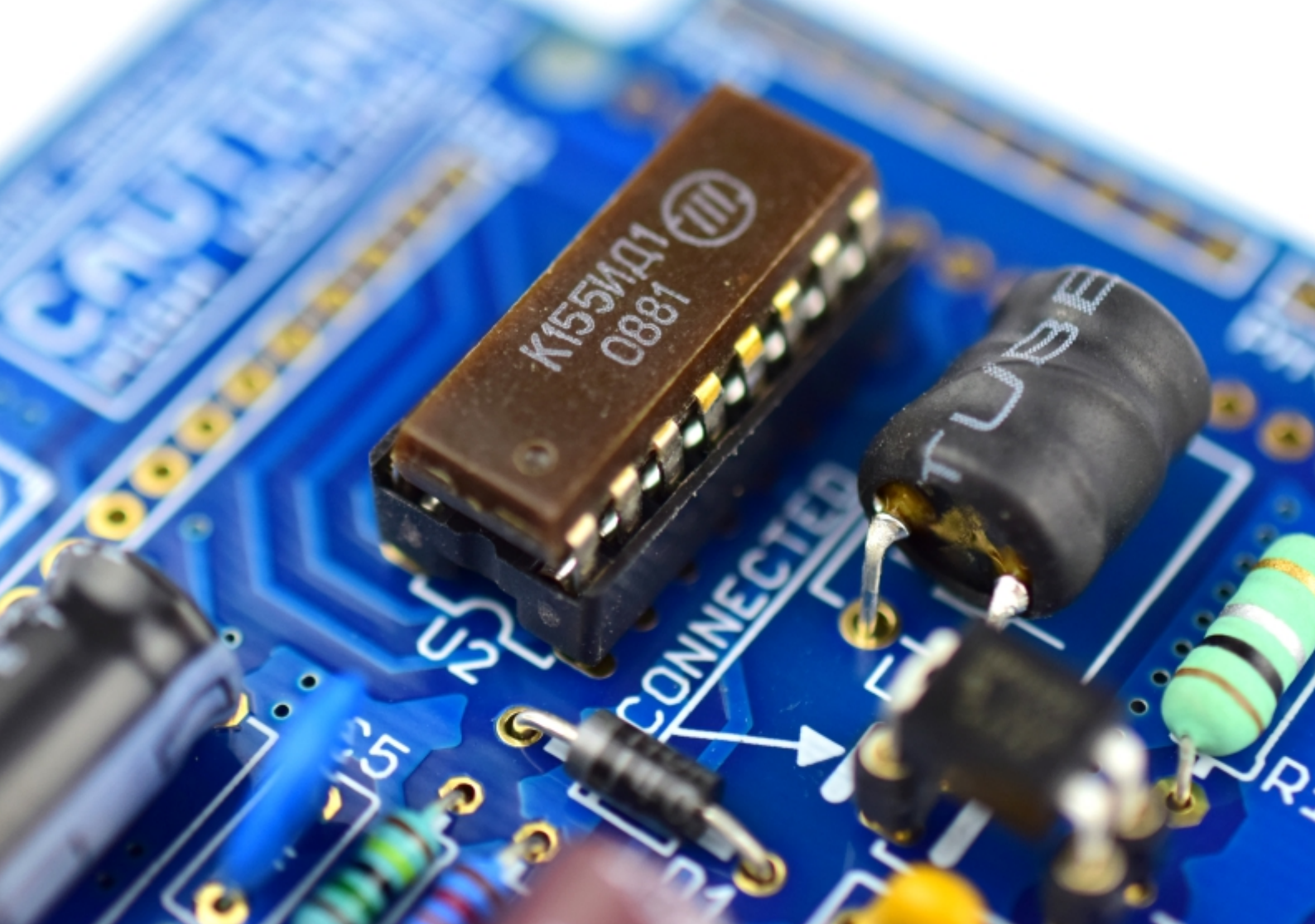


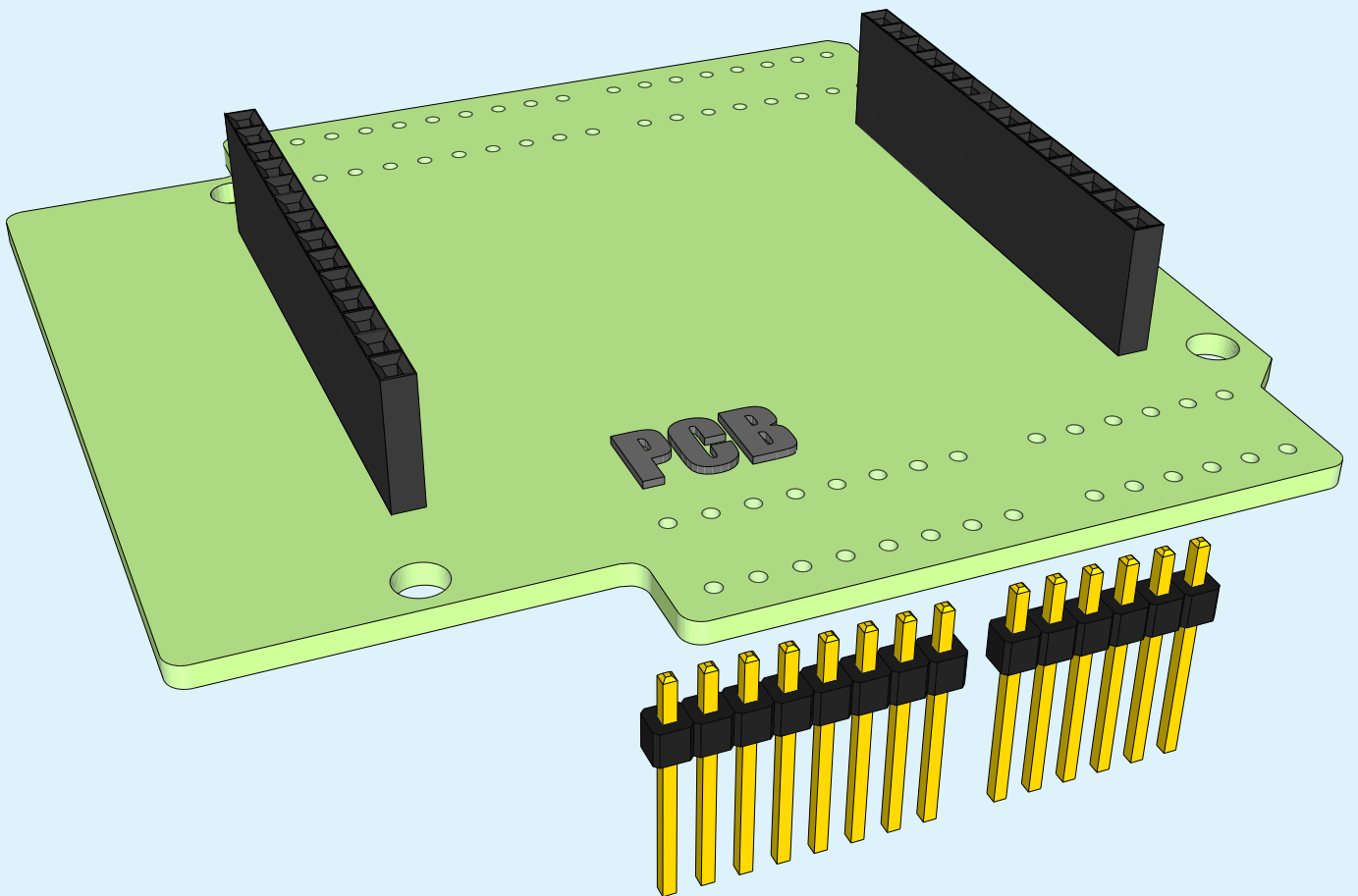
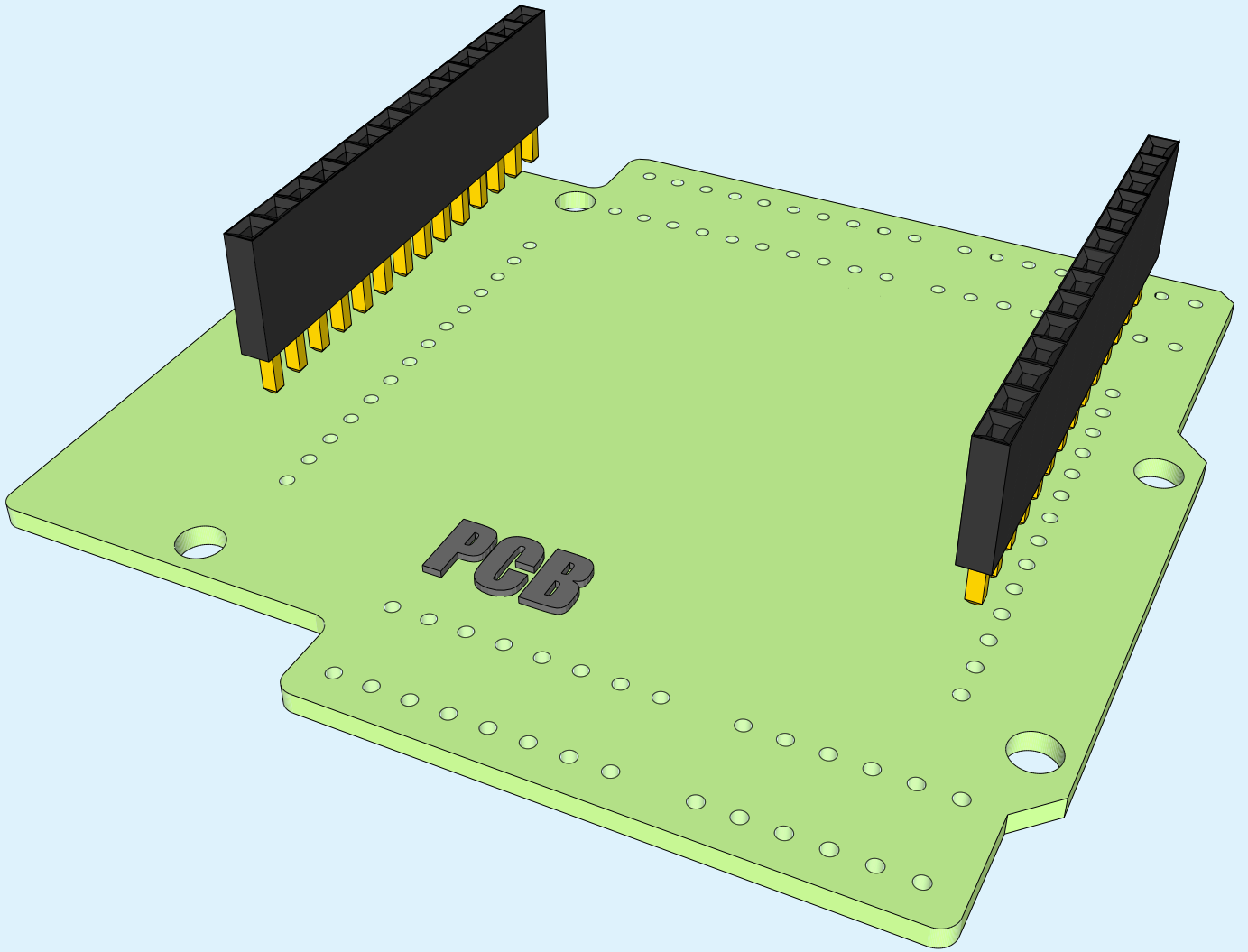


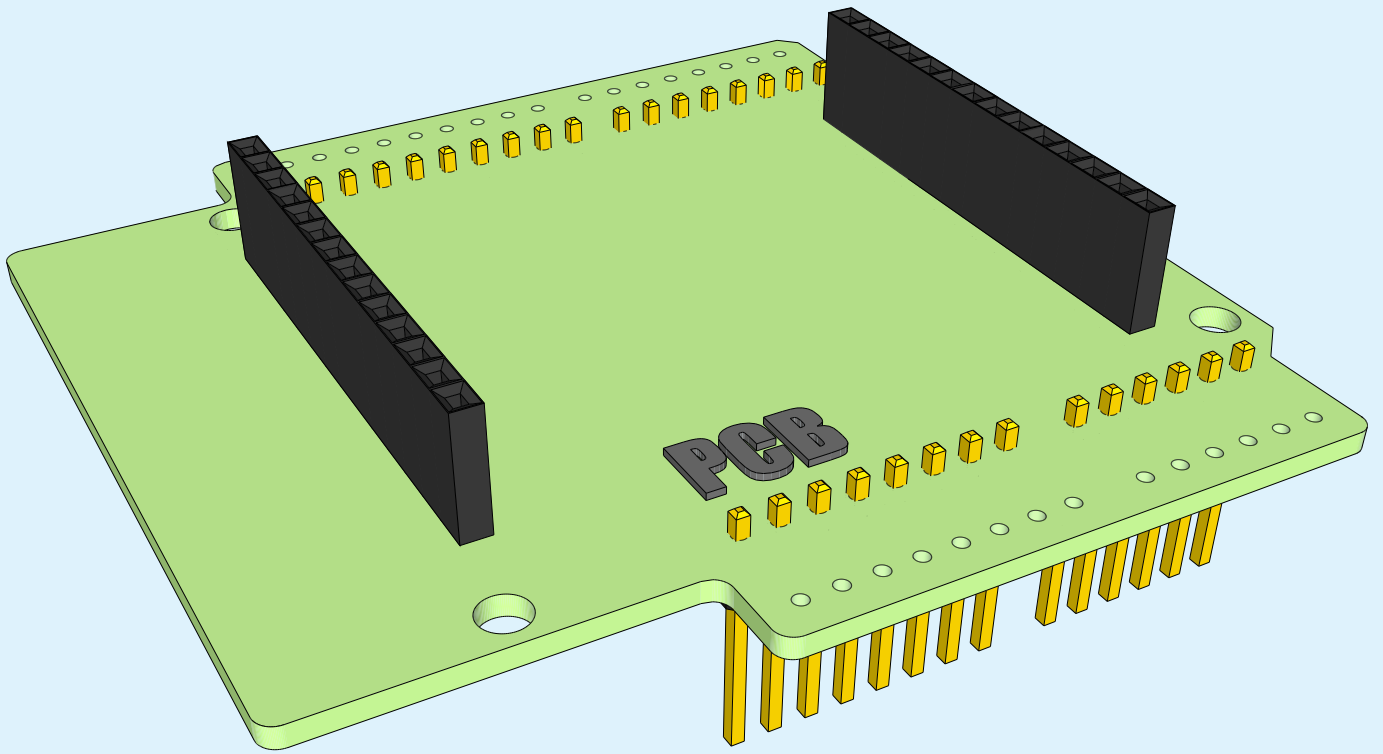
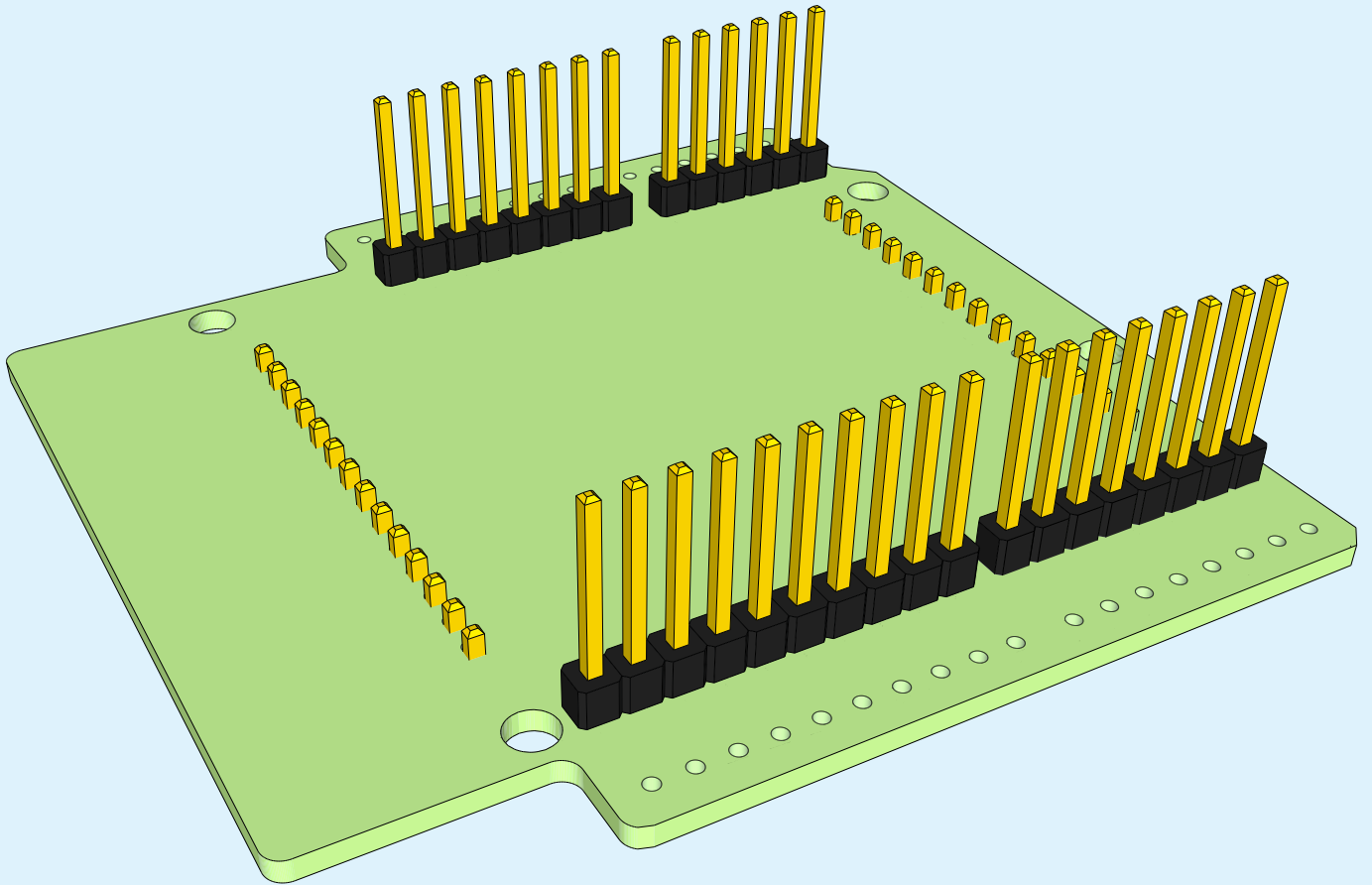


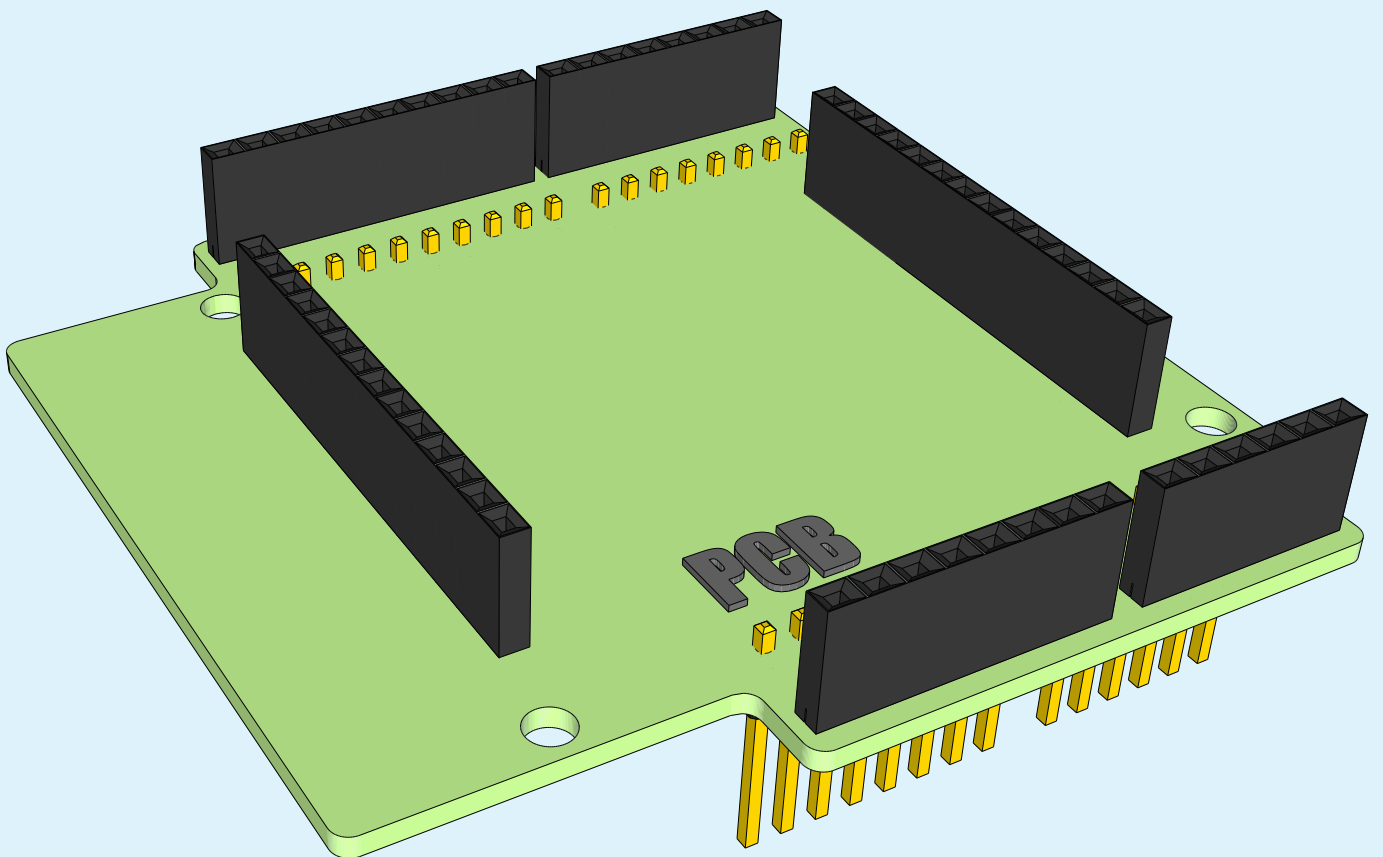
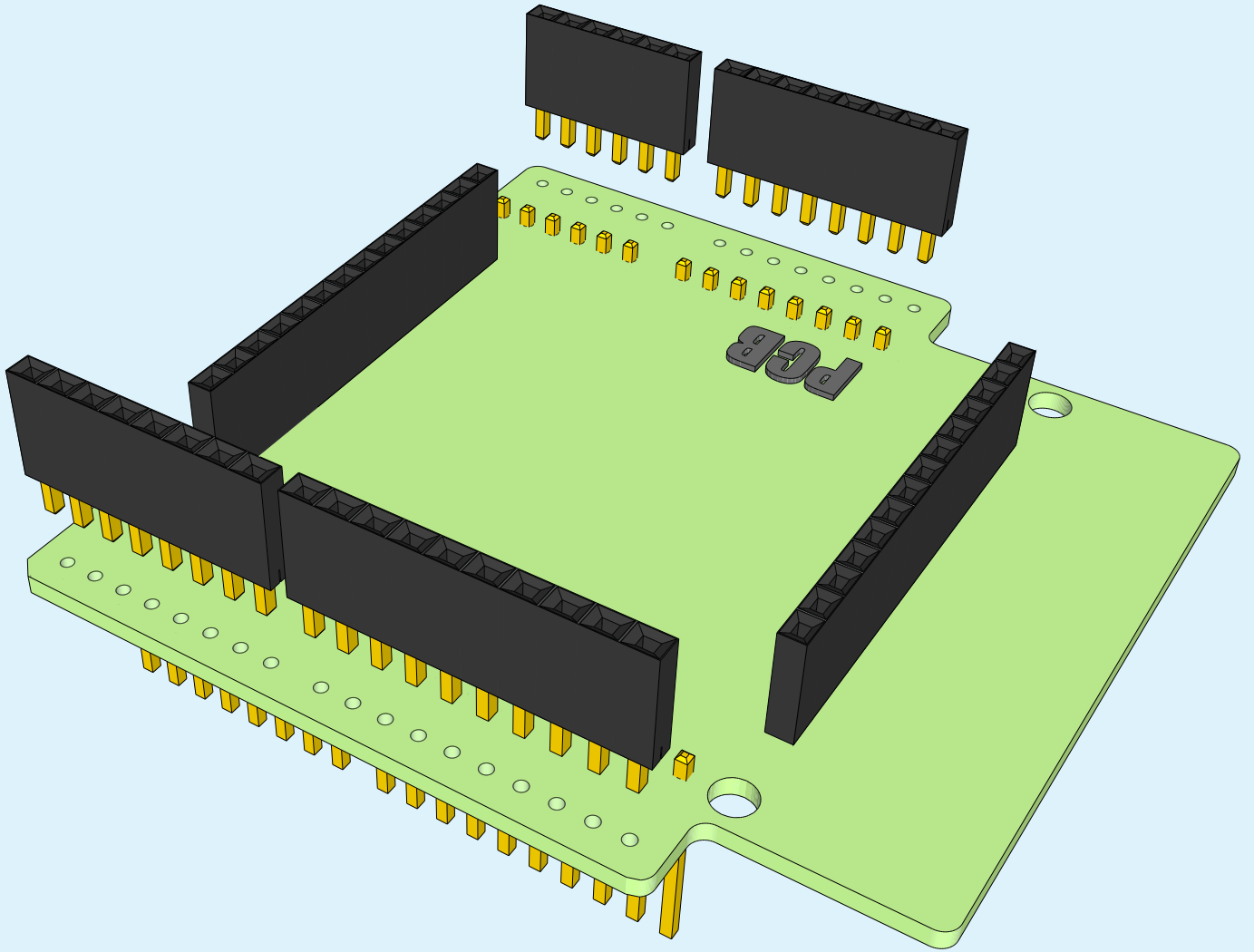


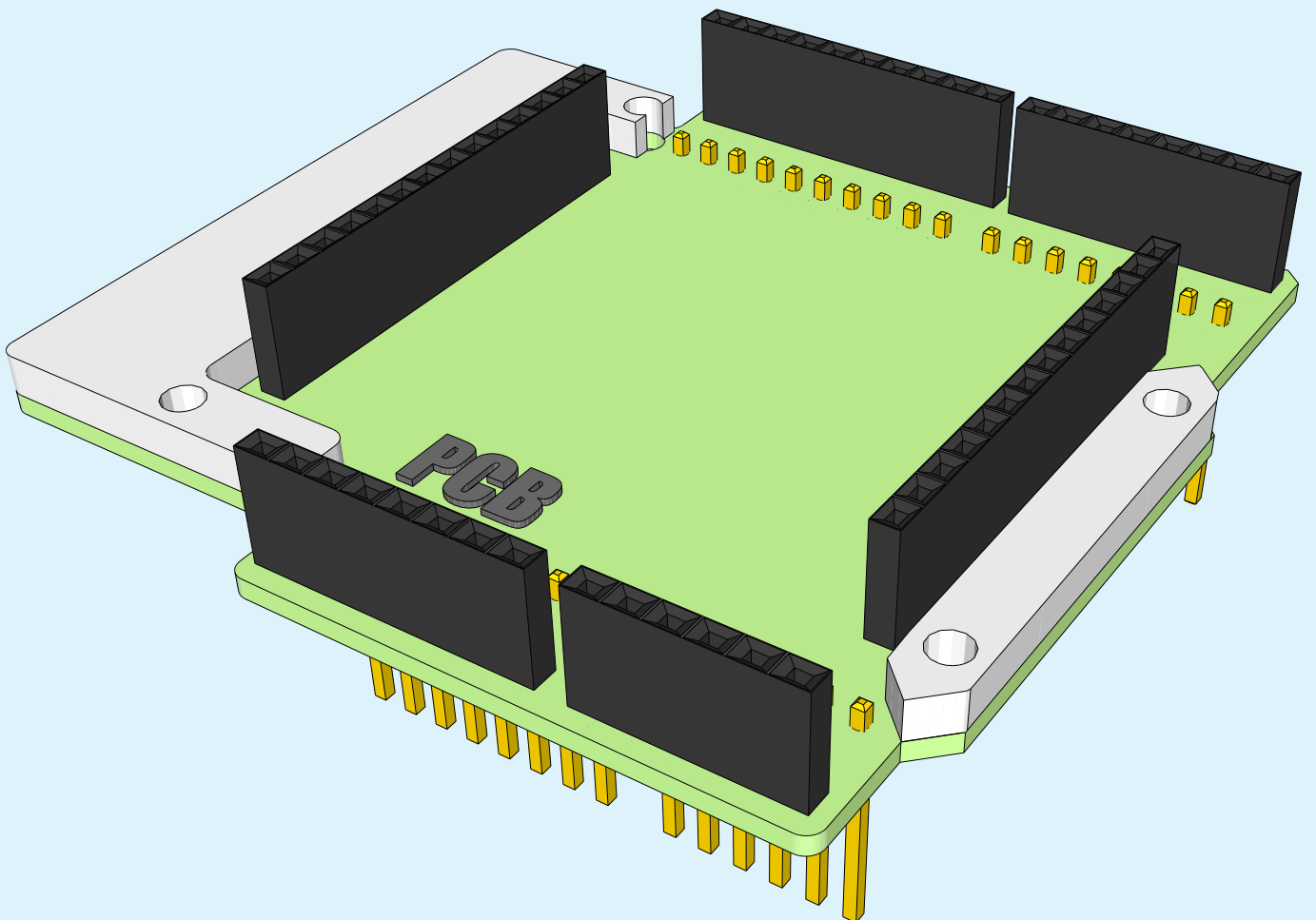
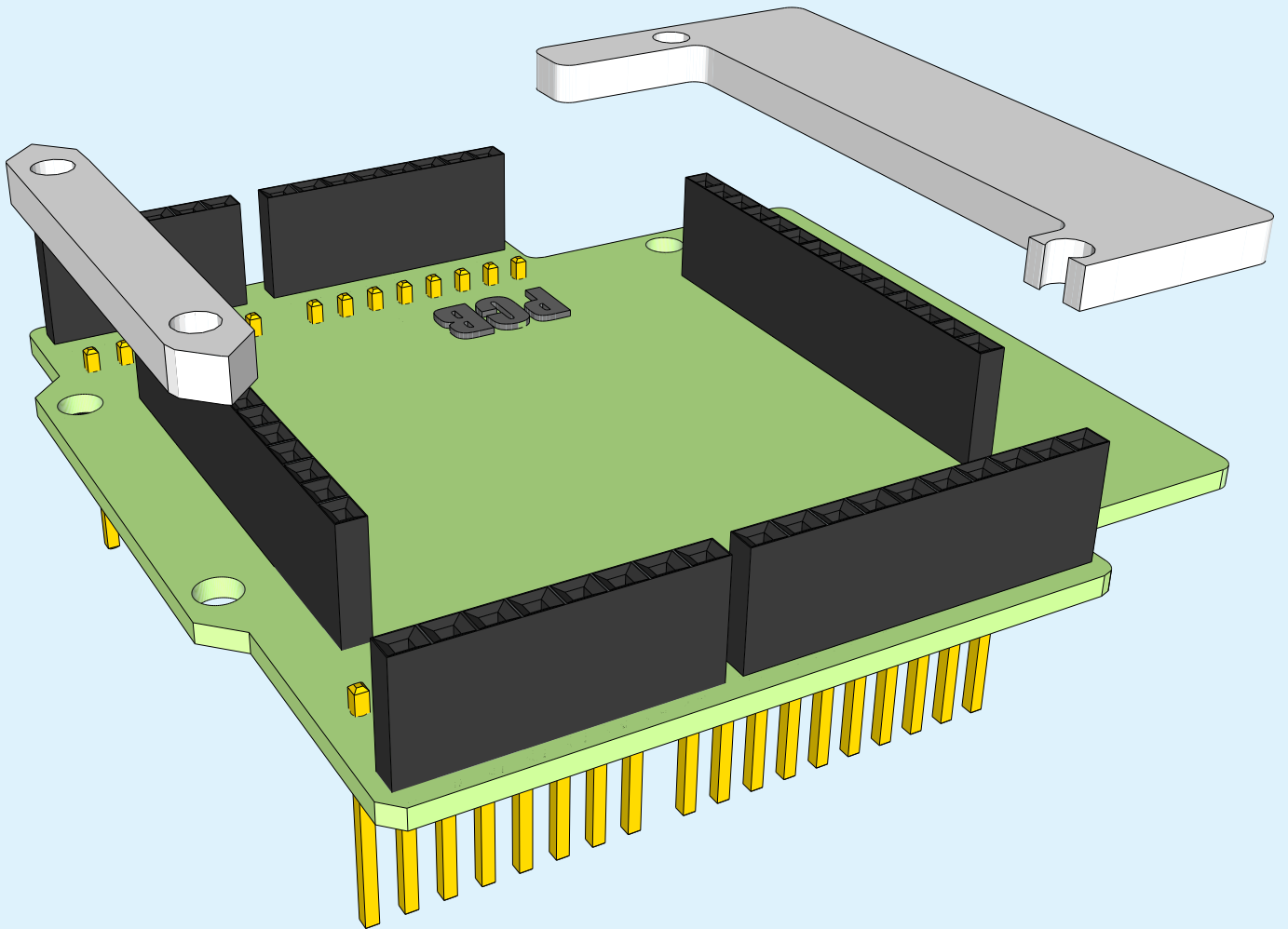


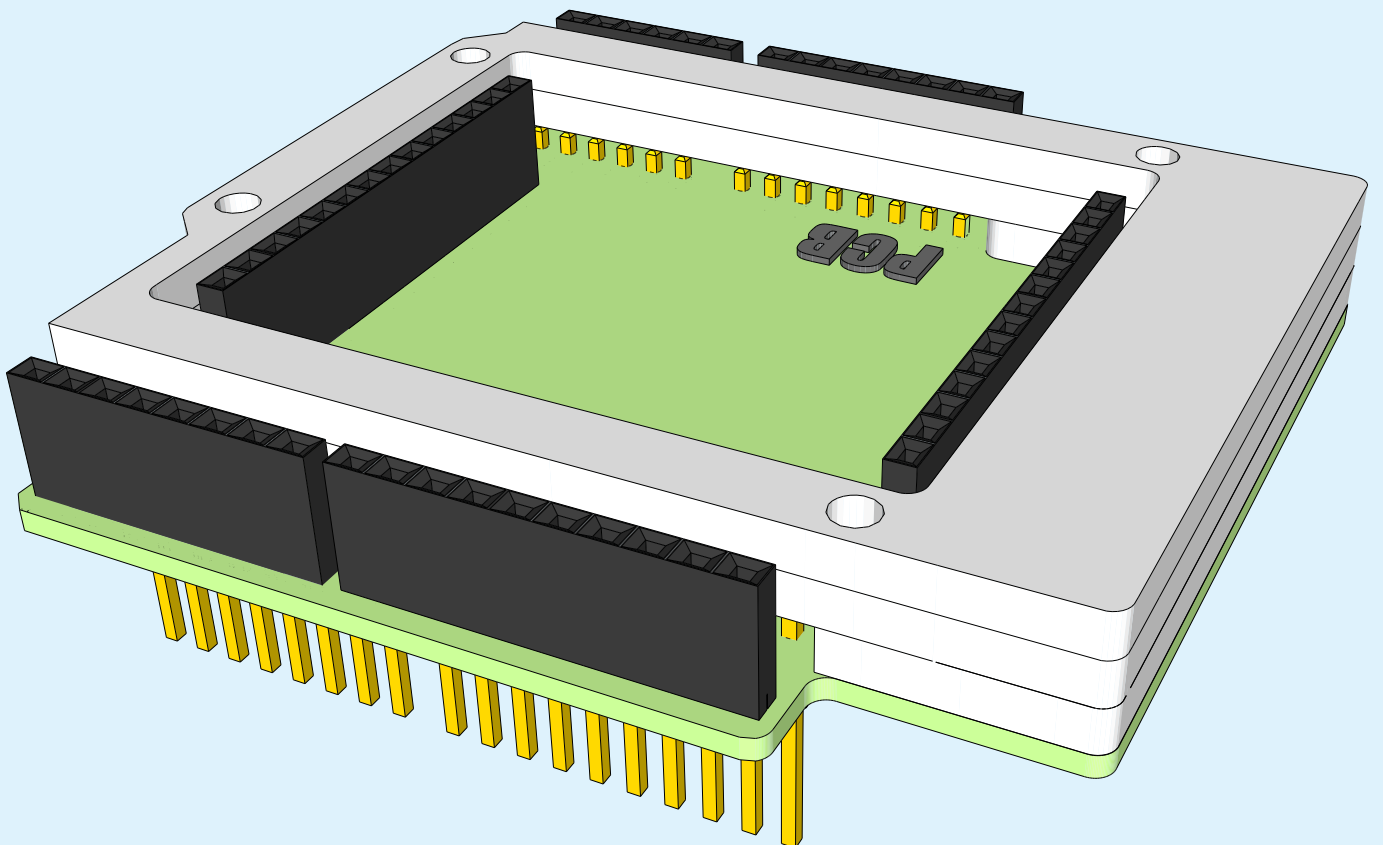
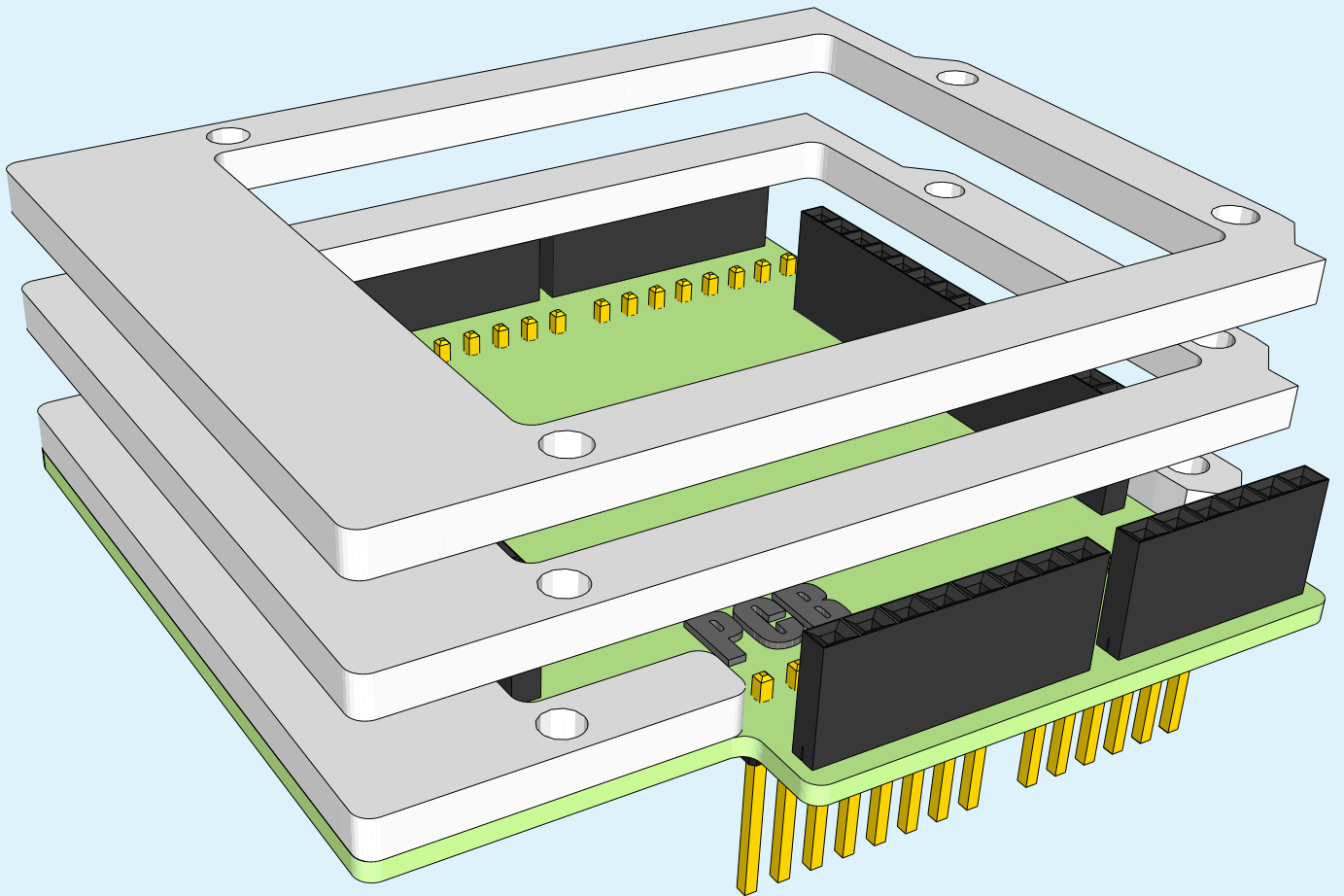


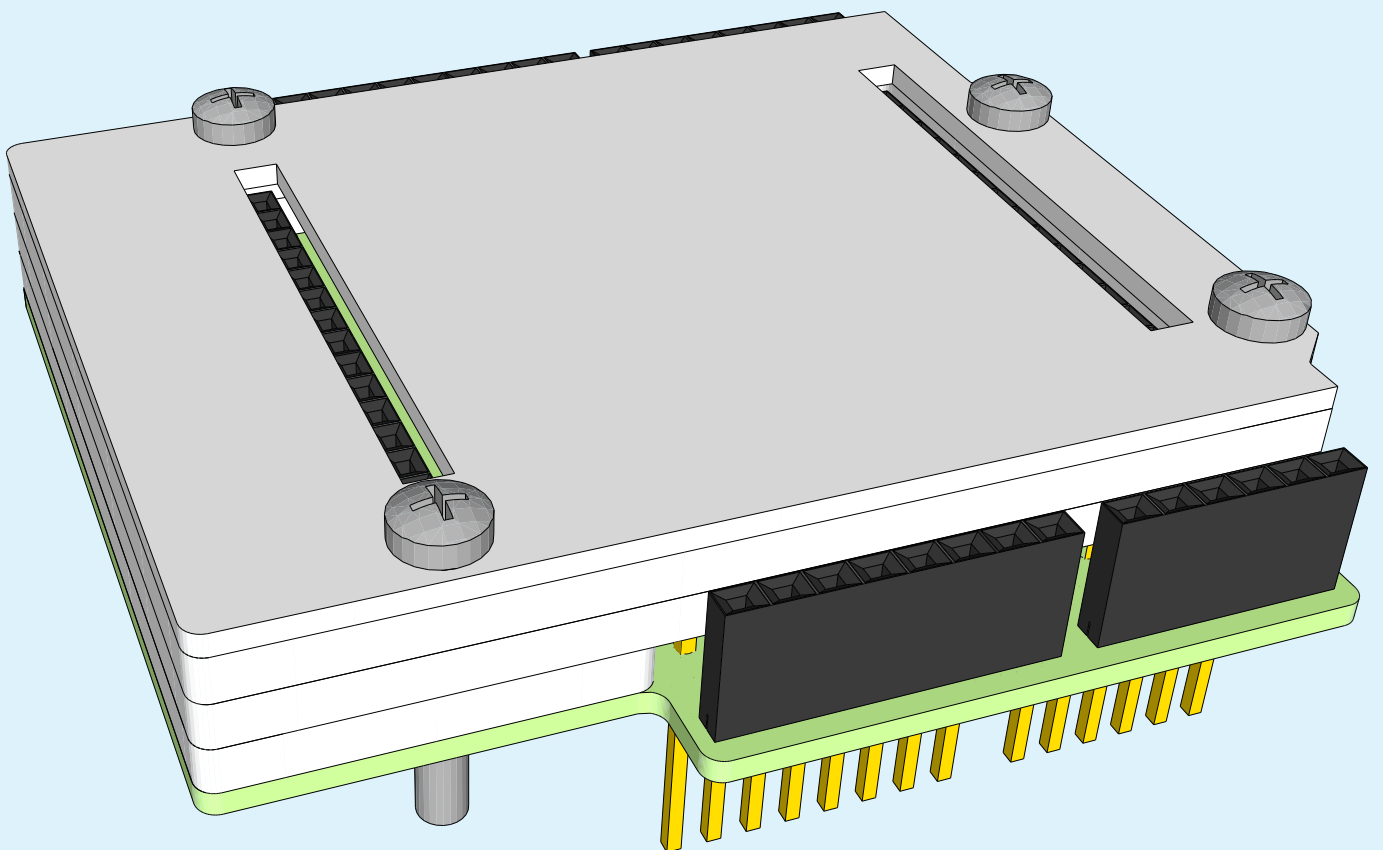
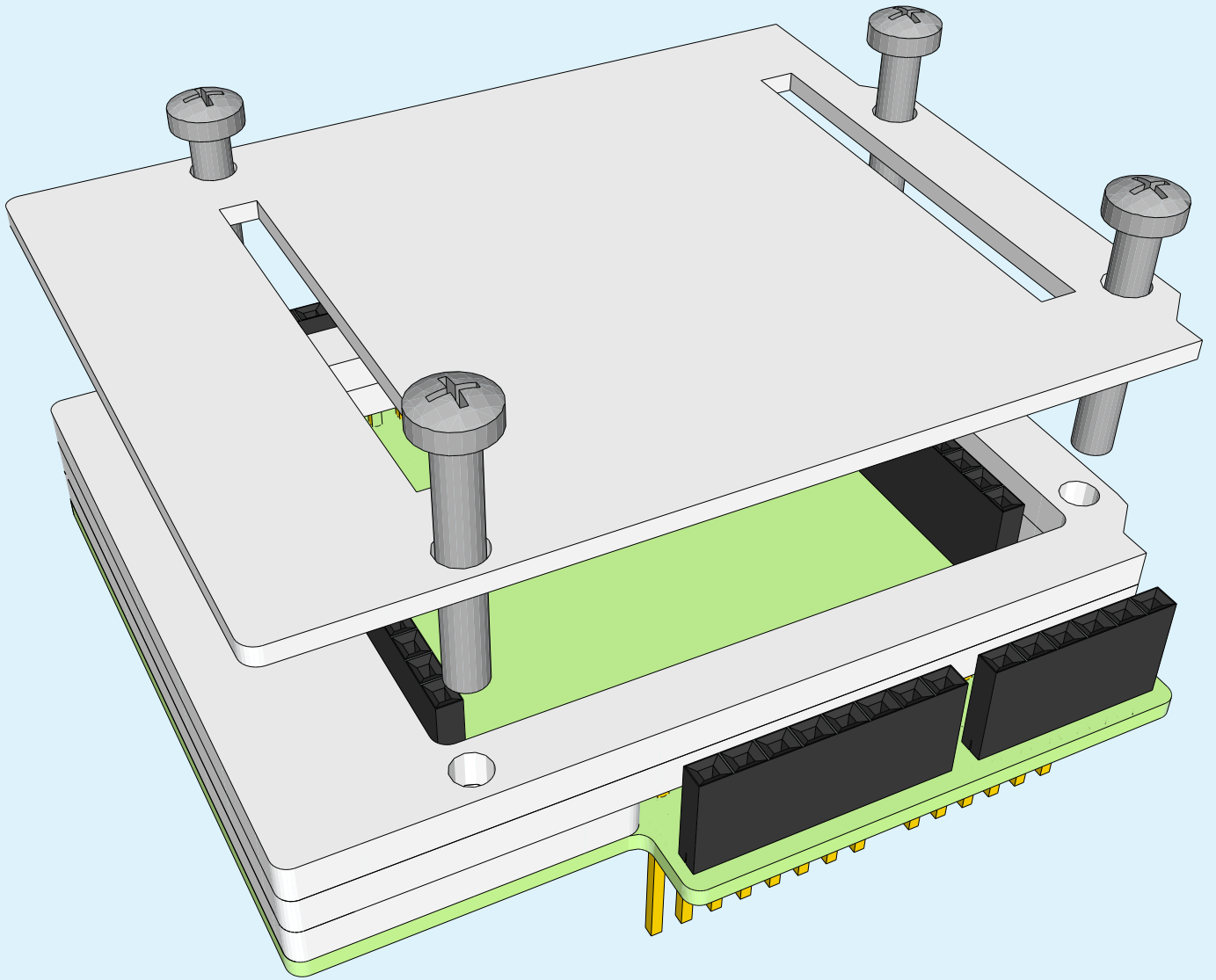


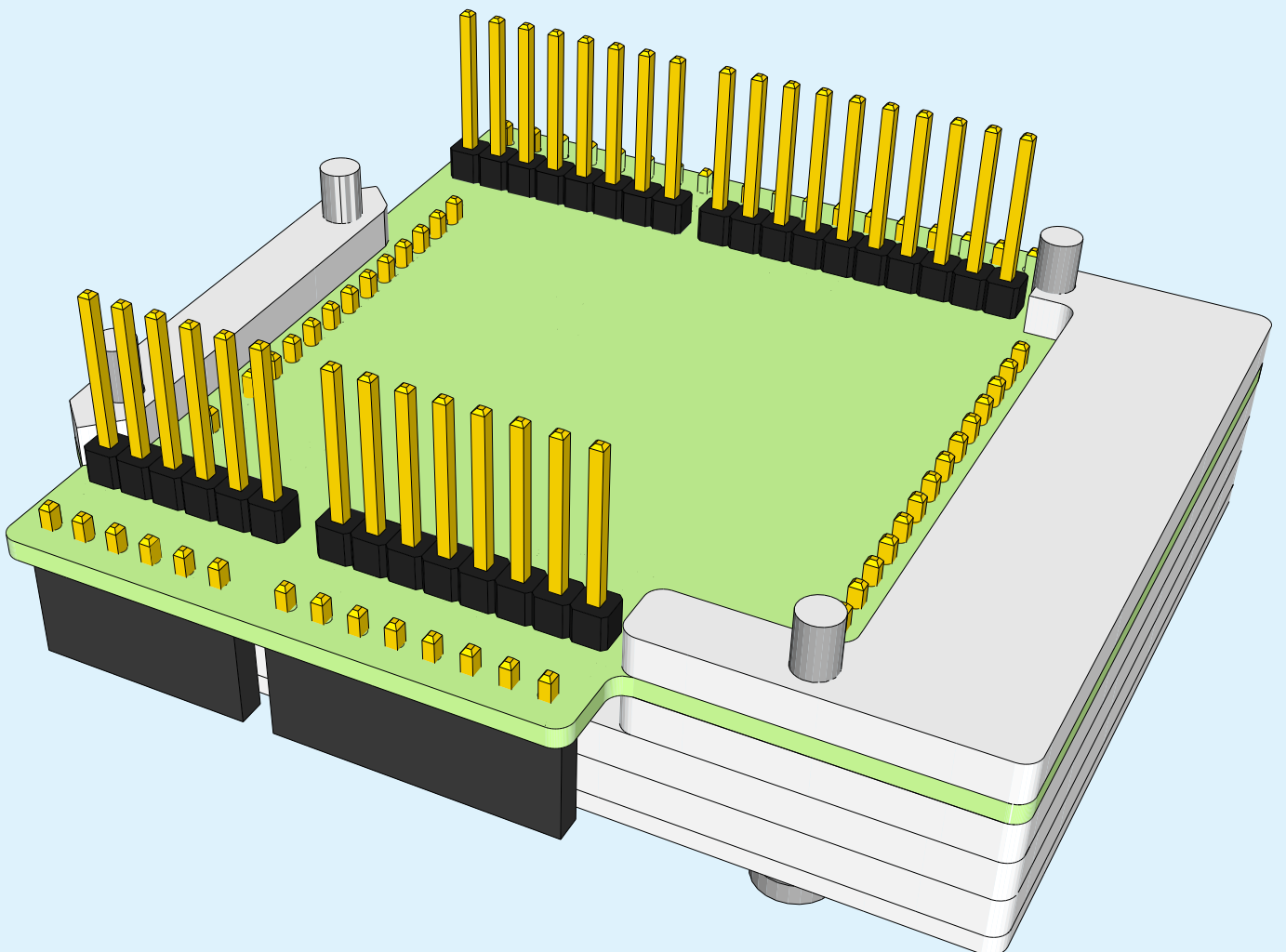
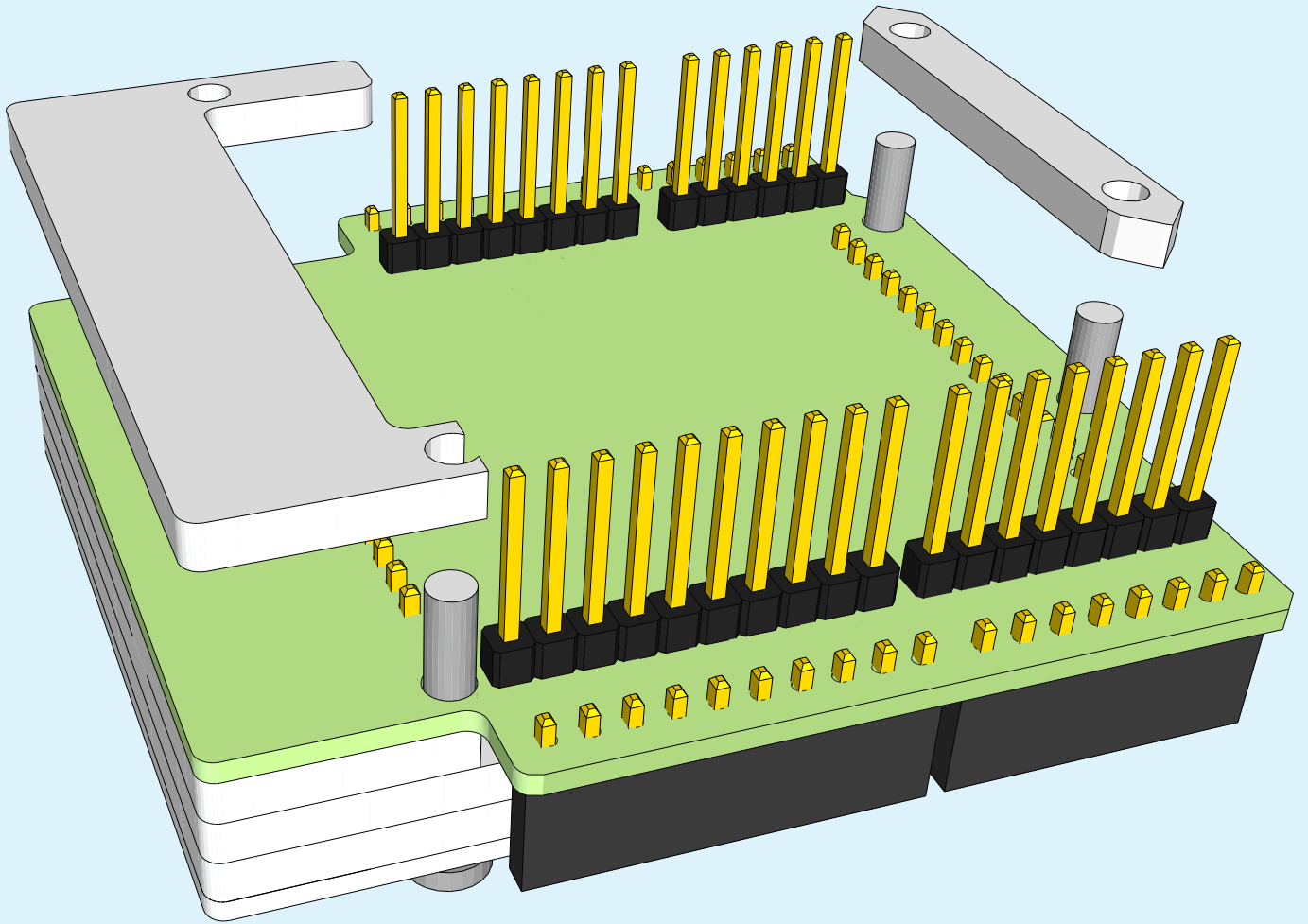


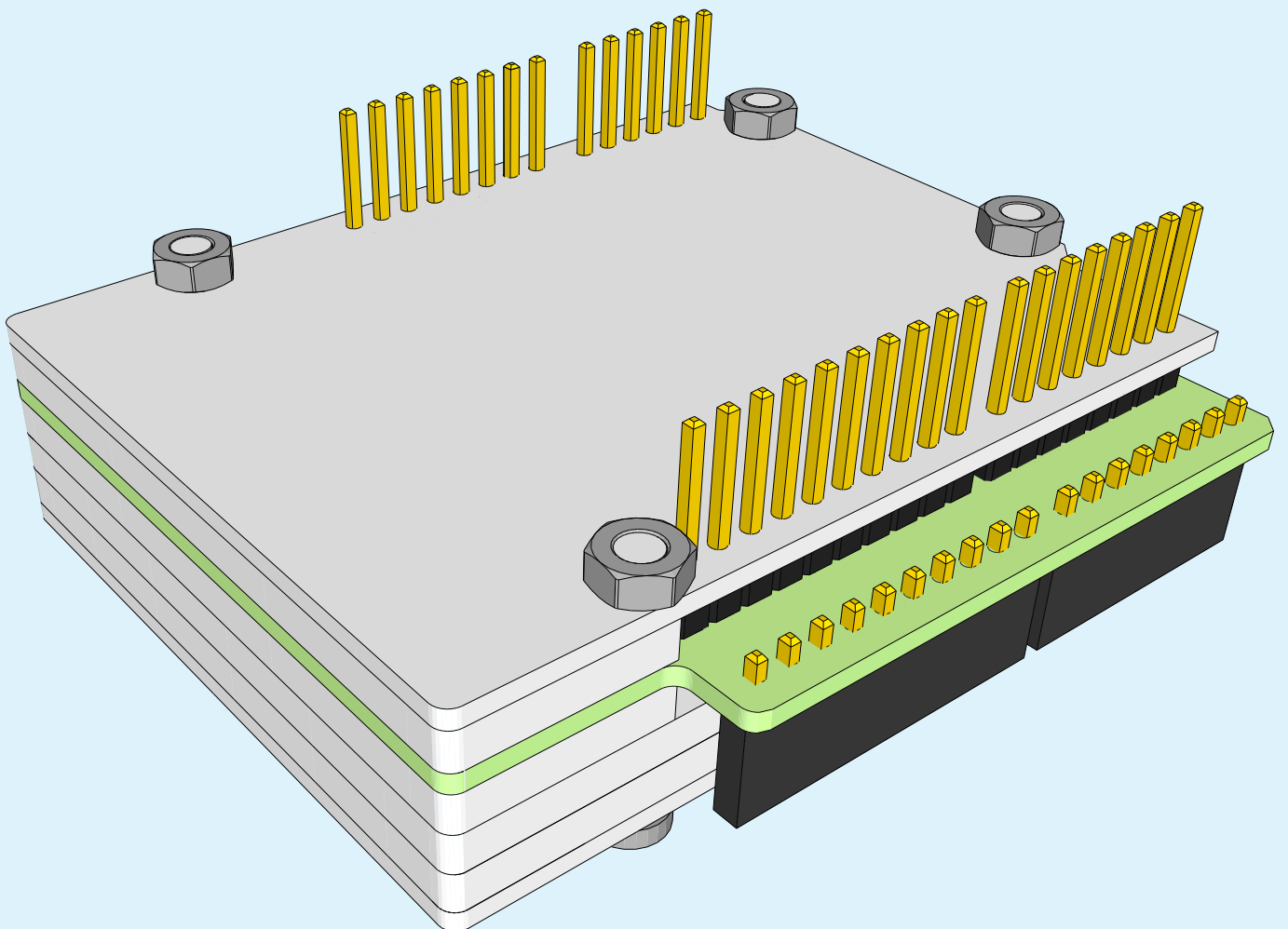
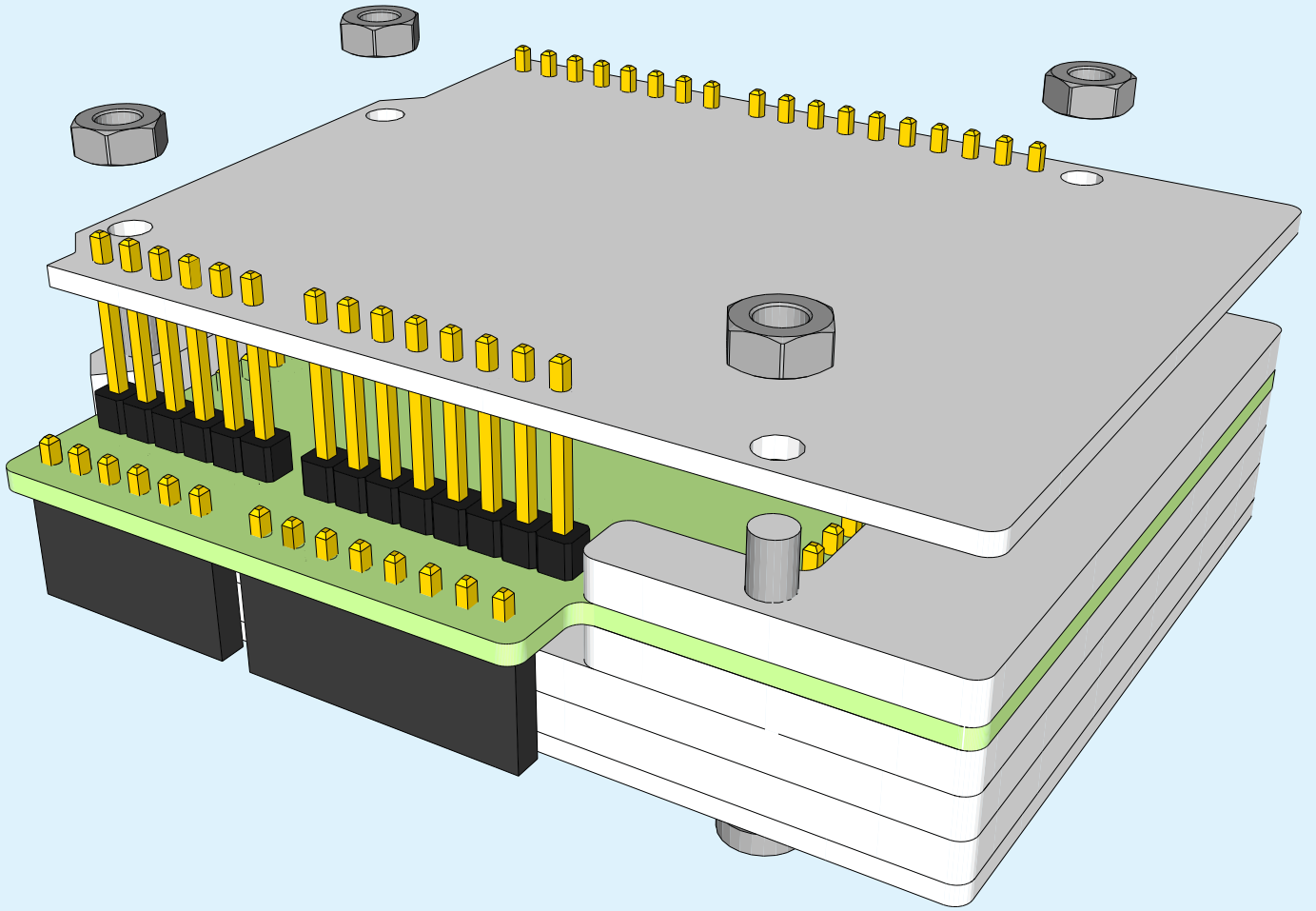






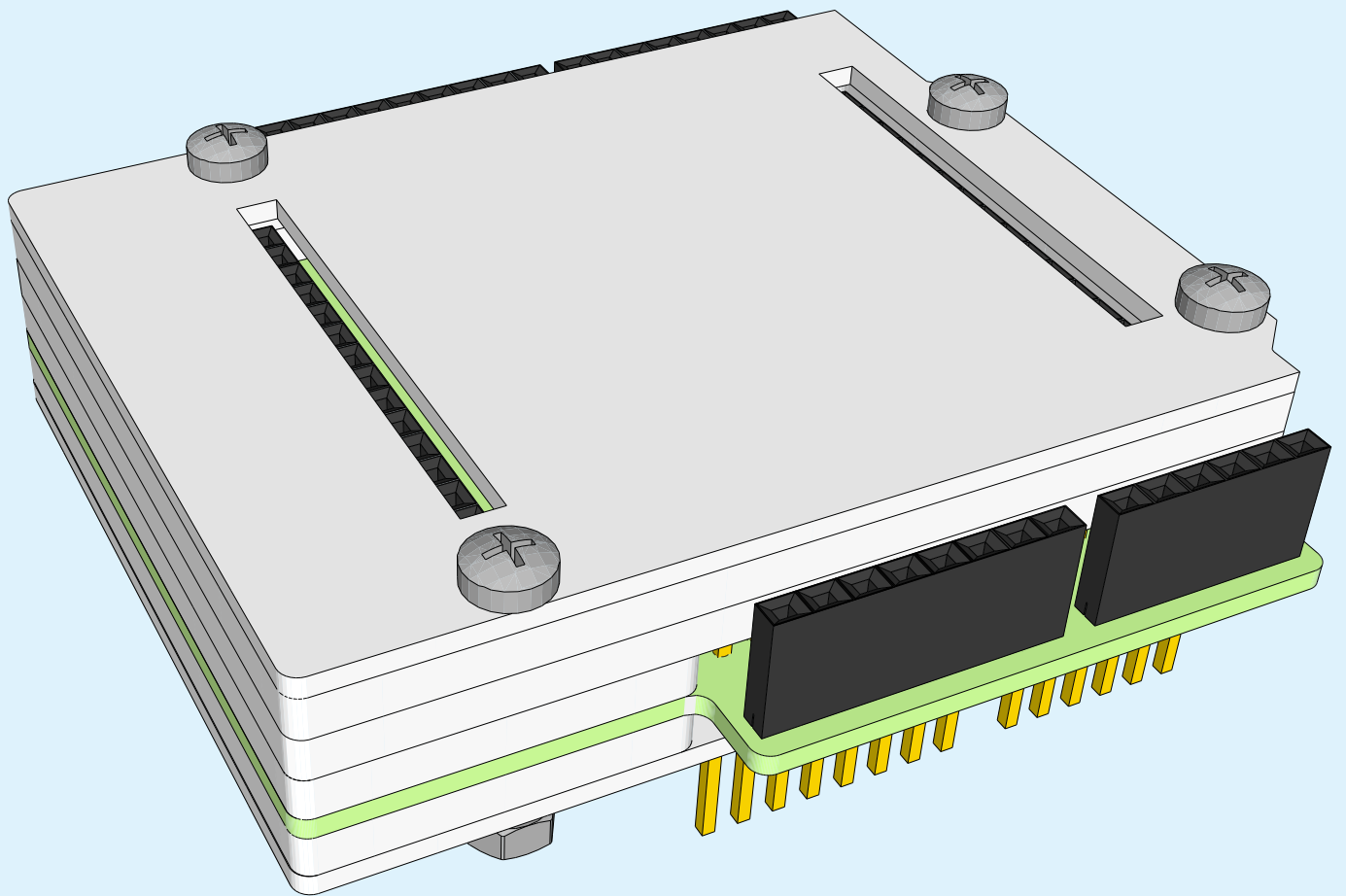






NIXIE SHIELD FOR ARDUINO

ASSEMBLY INSTRUCTION



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