

USELESS NIXIE DEVICE

ASSEMBLY INSTRUCTION



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USELESS NIXIE DEVICE

COMPONENTS

- R1 - 0R100; 2W
- R2, R4 - 1M5; 1%
- R3 - 13K3; 1%
- R5 - 100K
- D1 - MUR140/160/1100

- C1 - 220uF; 25V
- C2, C3, C8, C9, C10 - 100nF; 25V
- C4 - 4.7uF; 250V
- C5 - 100nF; >250V
- C6 - 1uF; 25V
- C7 - 10nF; 25V

- L1 - 100uH; 1.7A

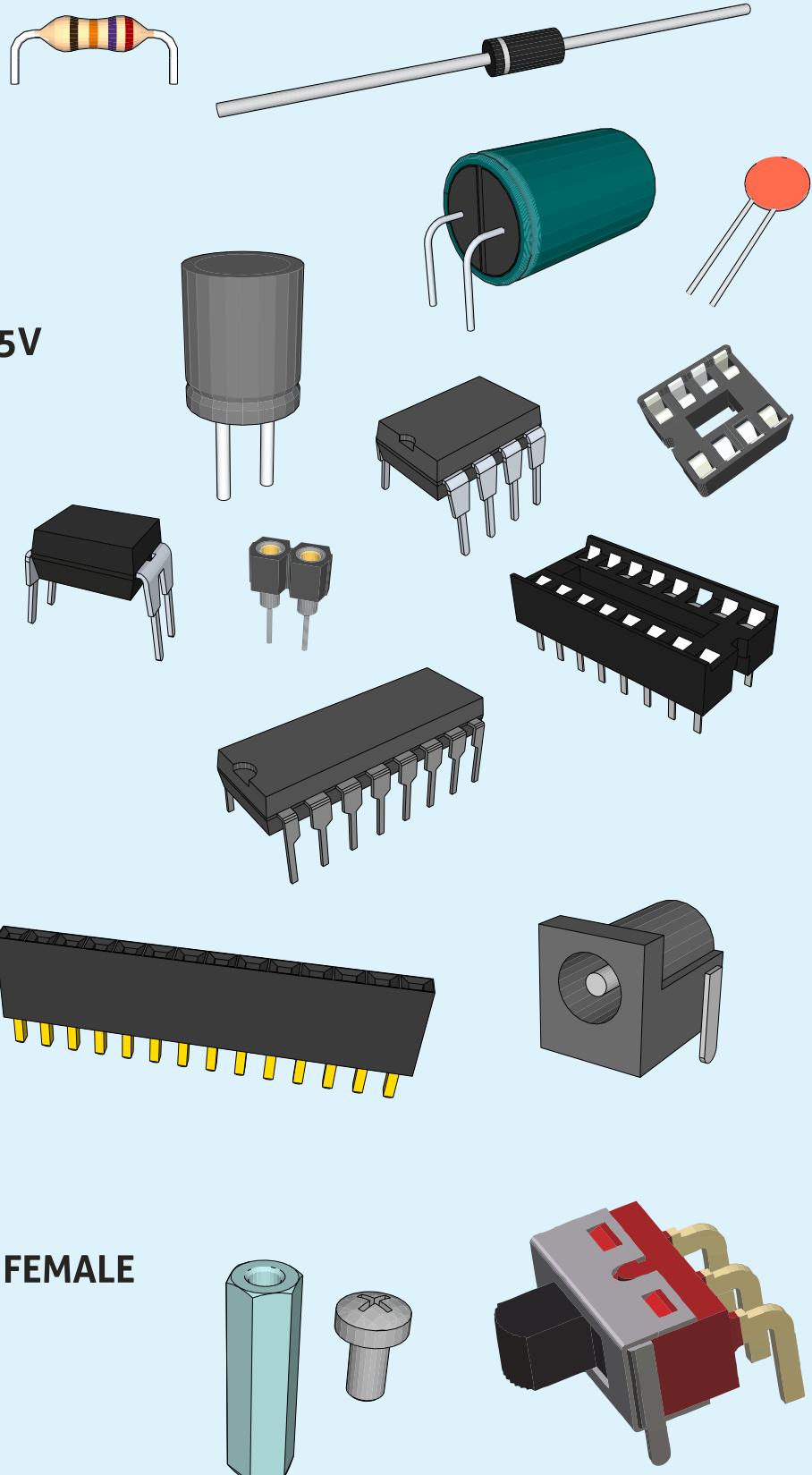
- T1 - IRFD320

- U1 - MAX1771CPA
- U2 - 7805
- U3 - NE555
- U4 - 4518
- U5 - 74141/K155ID1

- T1 SOCKET - 2 x PIN2
- U1, U3 SOCKETS - DIL8
- U4, U5 SOCKETS - DIL16

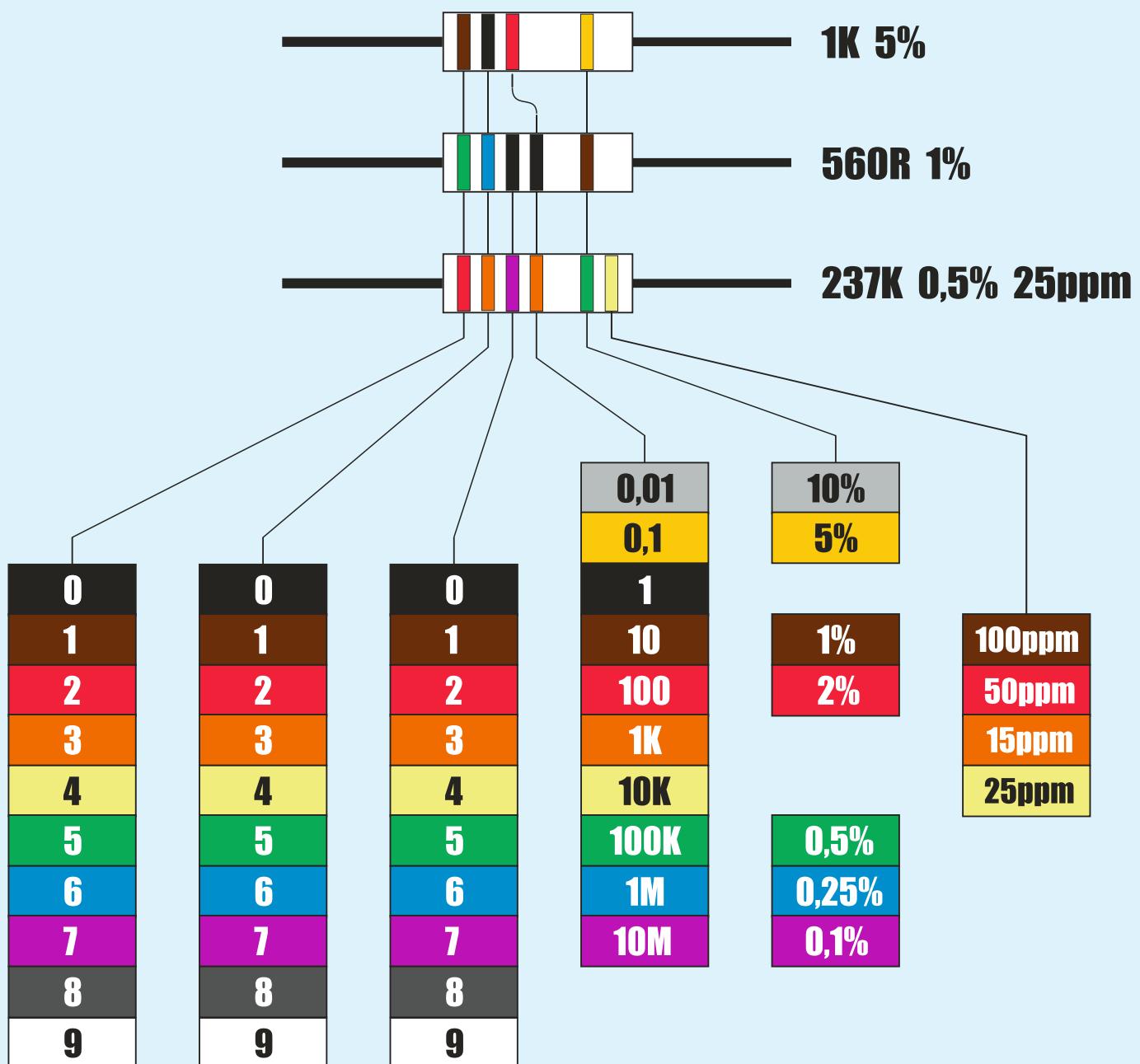
- SW1 - SLIDE SWITCH

- VIN - POWER CONNECTOR
- PH1, PH2 - 1 x 14; PIN STRIPS; FEMALE
- SPACER - 15mm x 4; F-F
- SCREW - 4 x M3; 8mm
- SCREW - 4 x M3; 12mm
- PCB
- ENCLOSURE



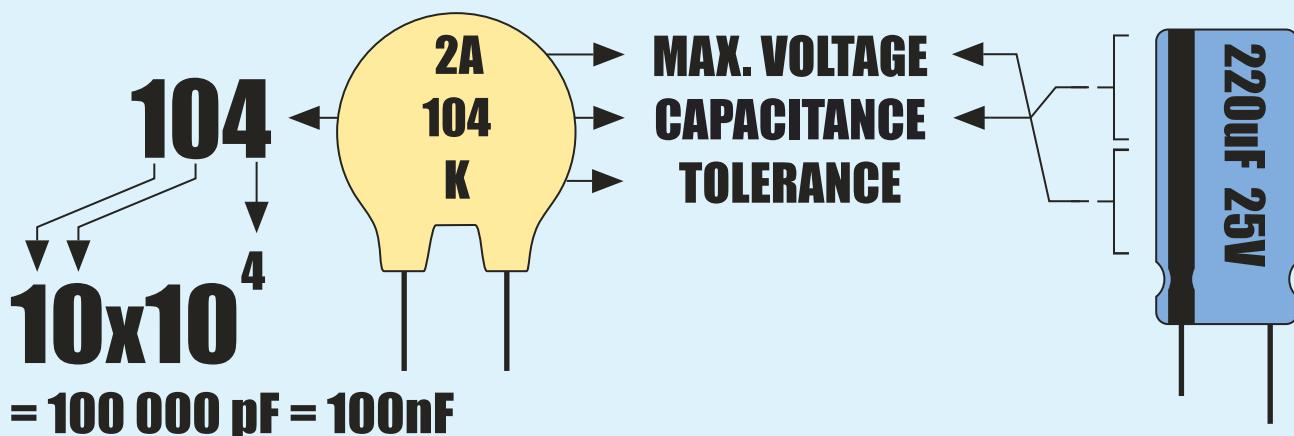
USELESS NIXIE DEVICE

RESISTORS MARKING



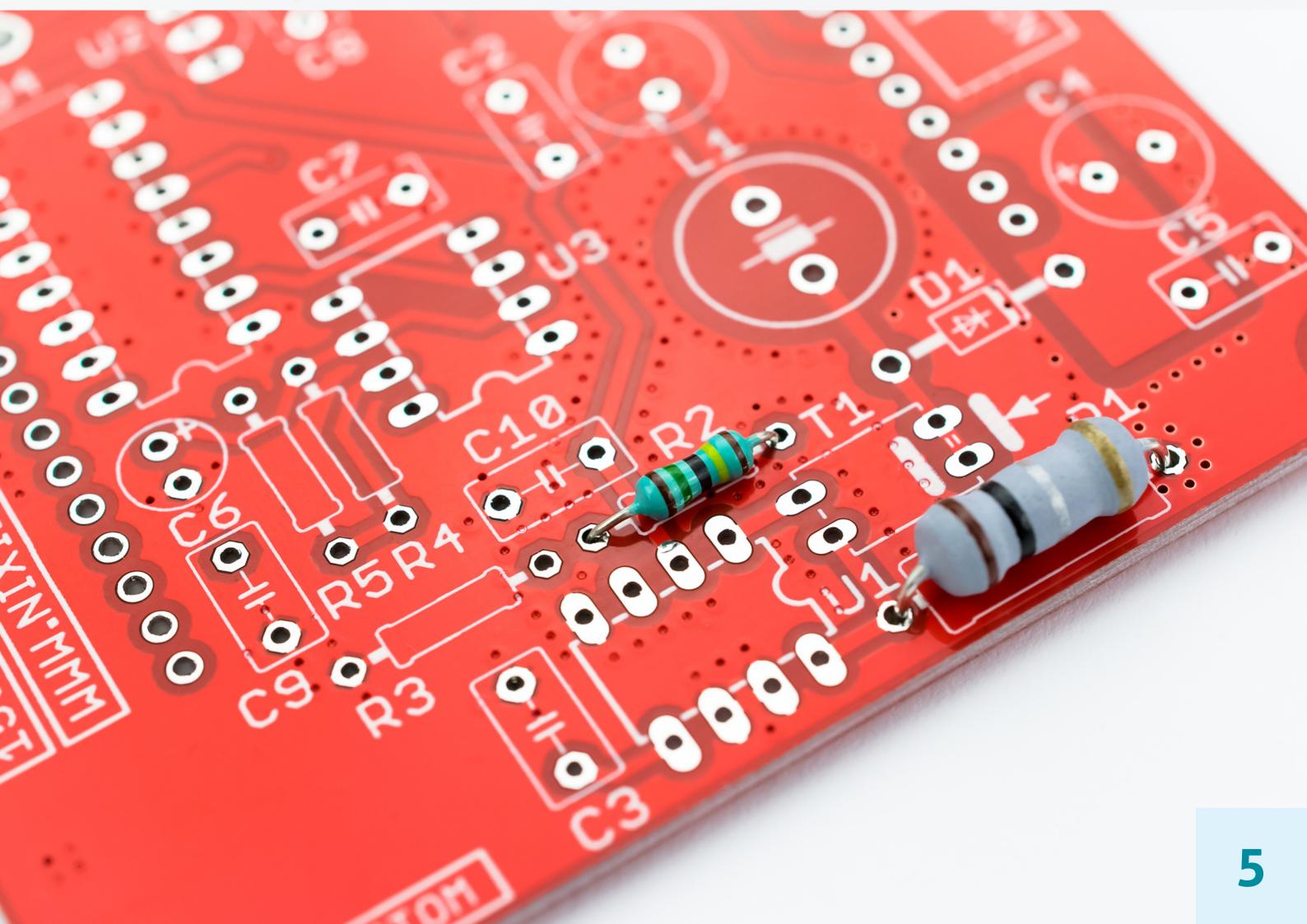
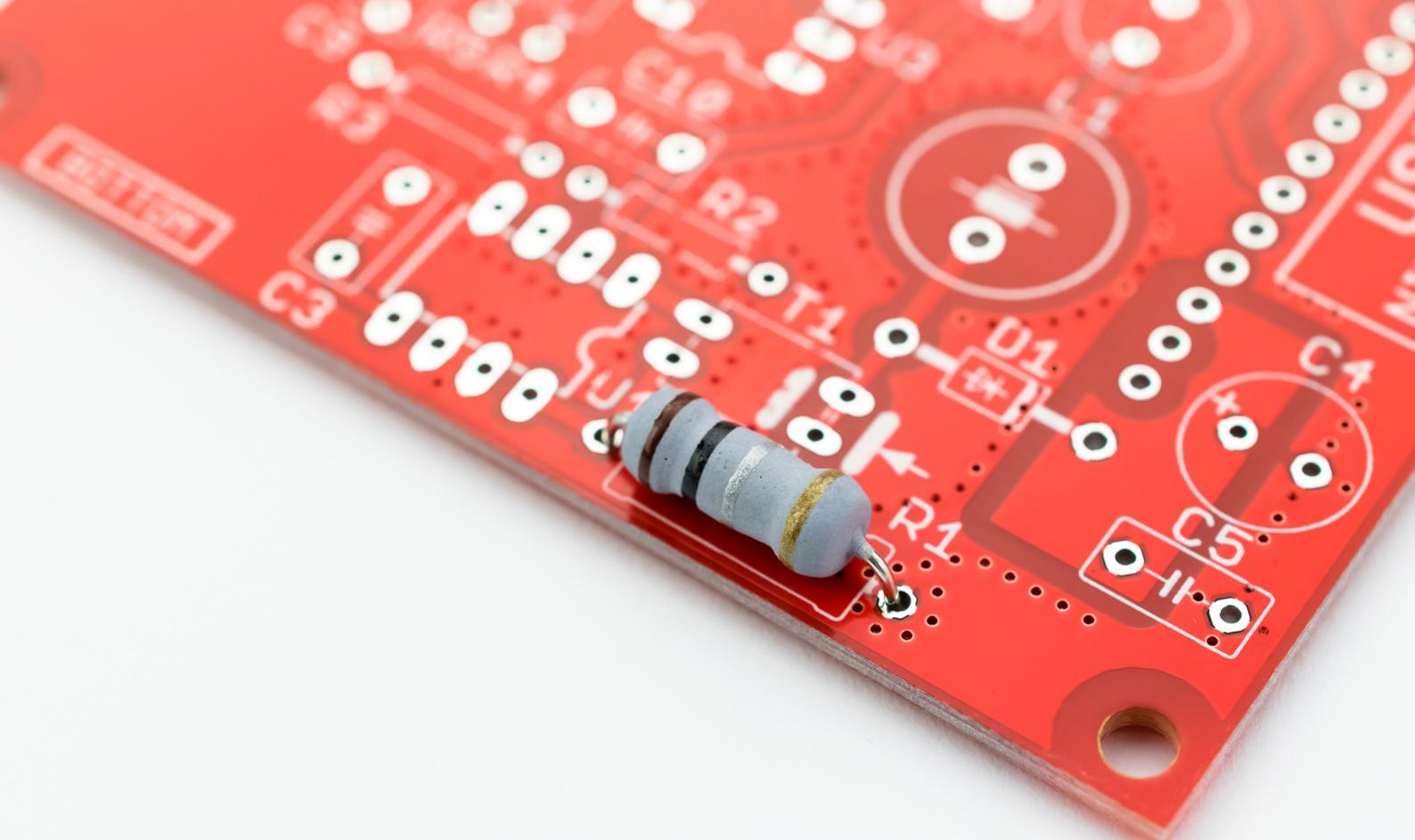
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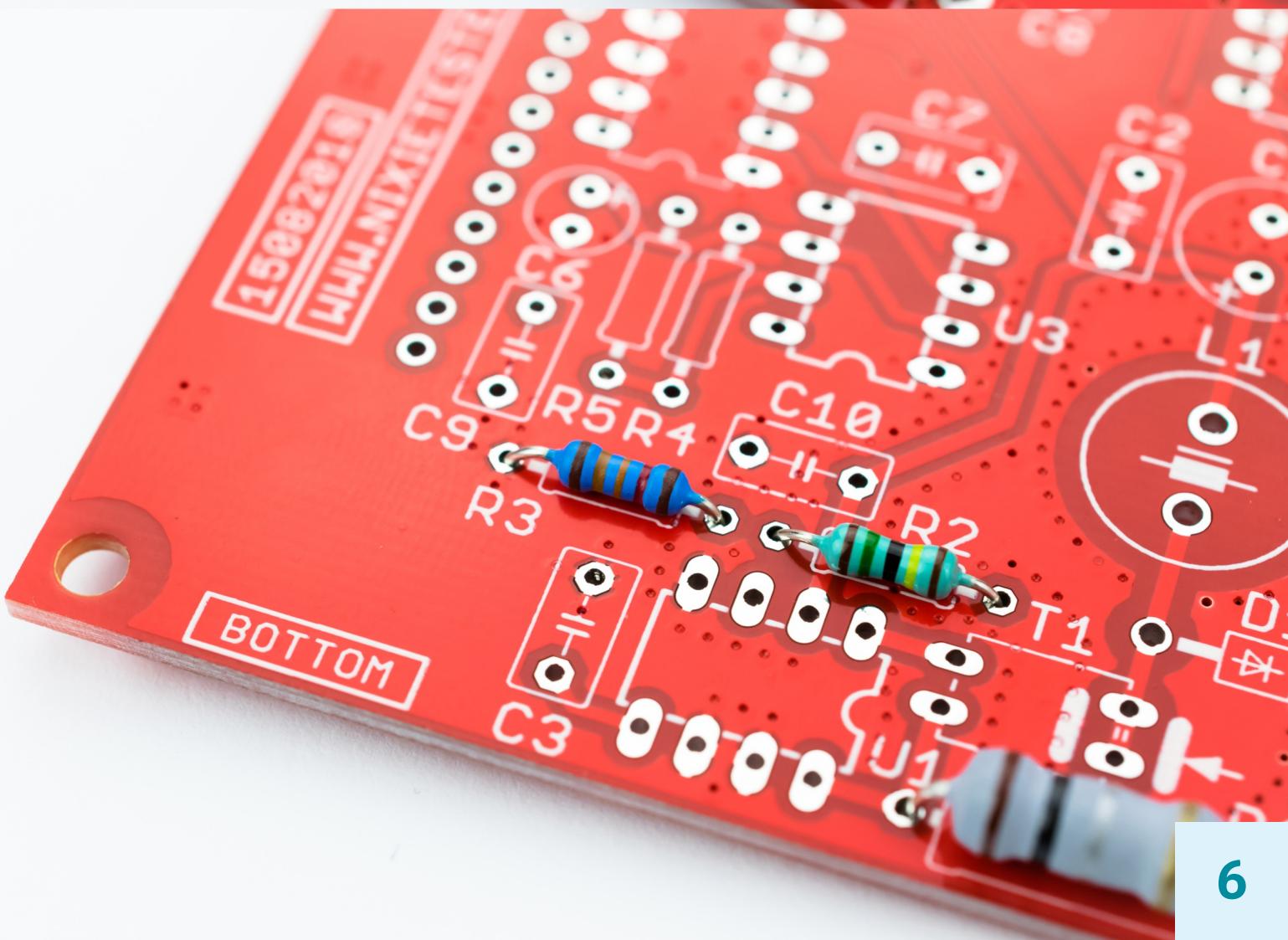
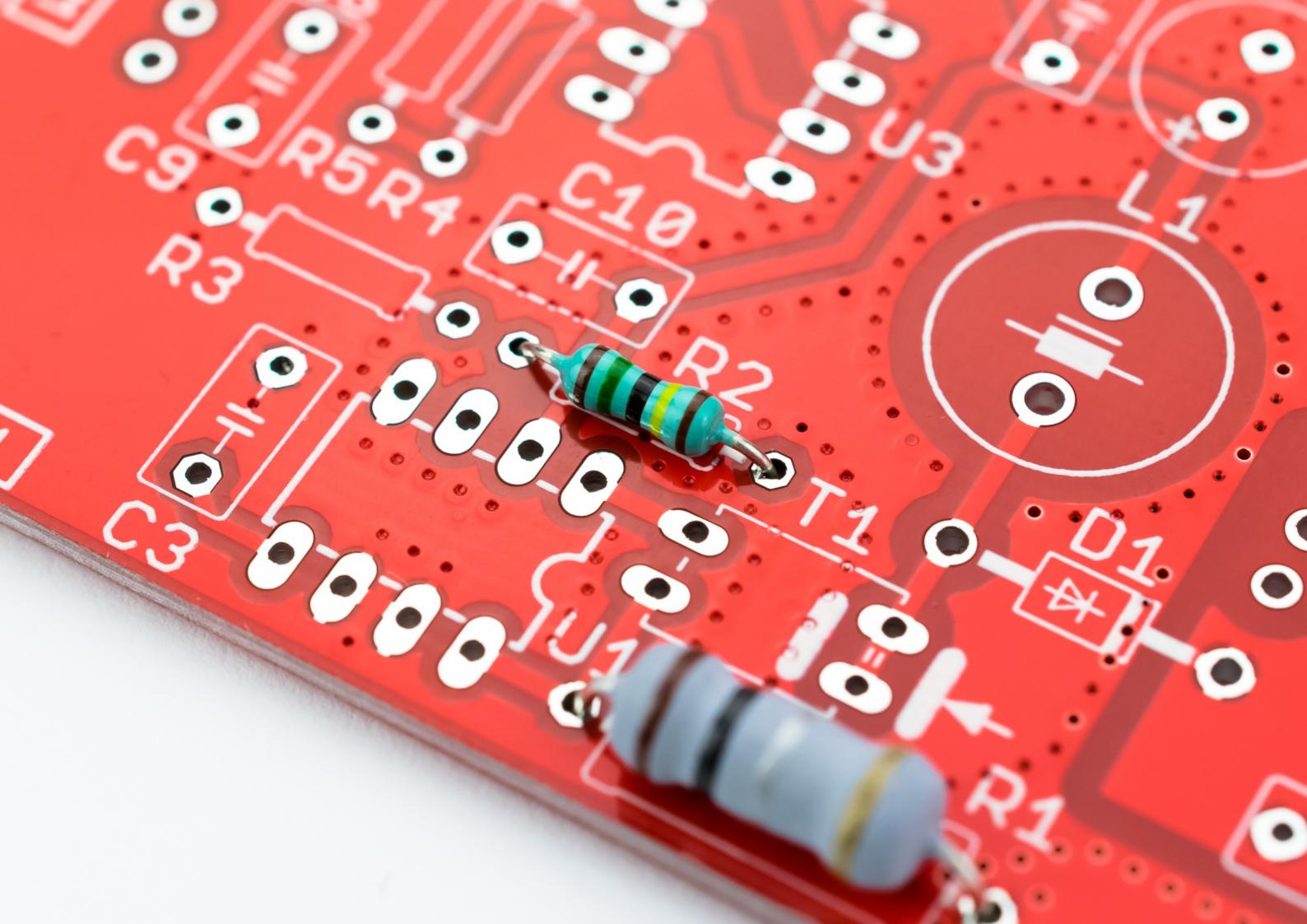
CAPACITORS MARKING

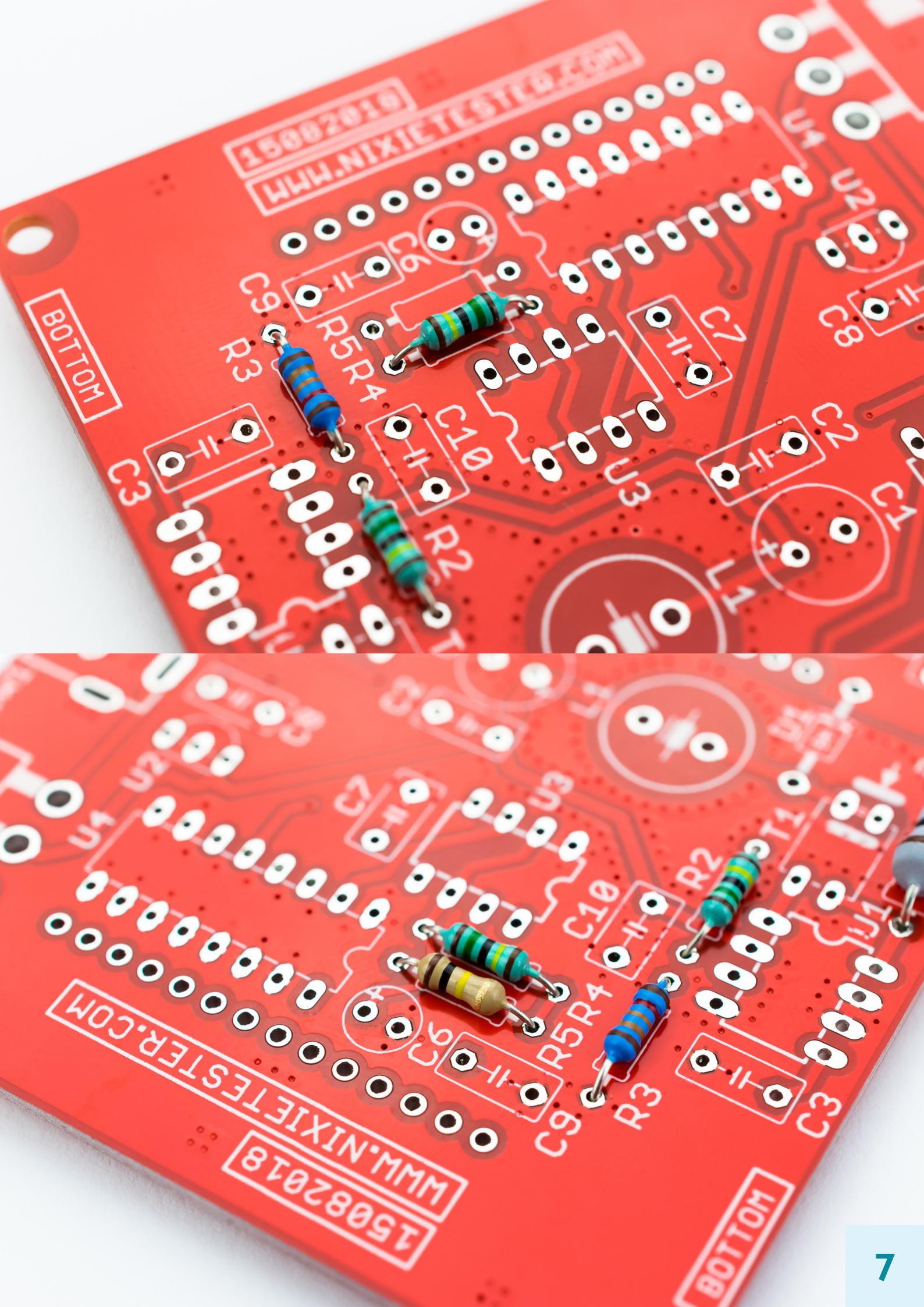


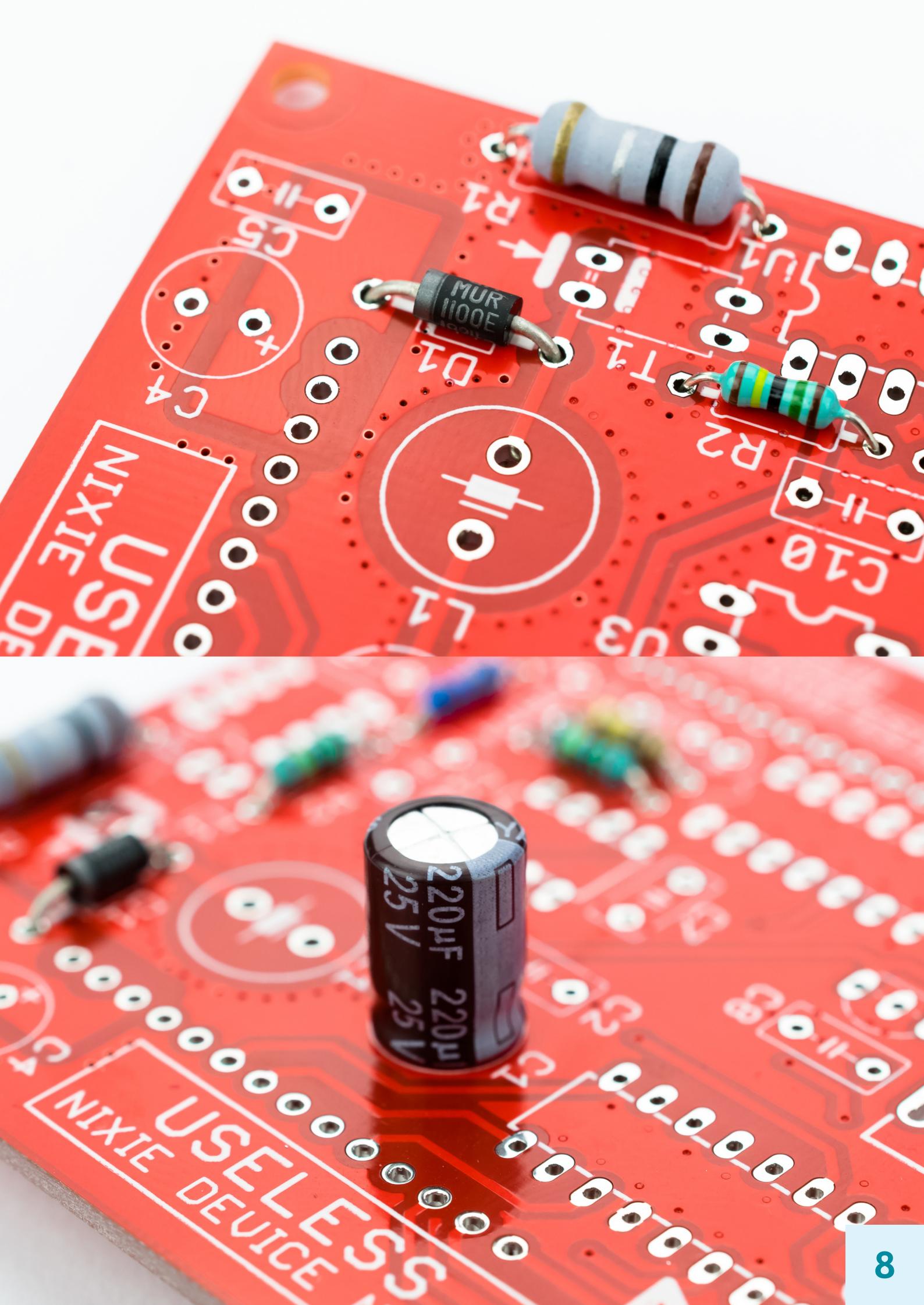
MAX. OPERATING VOLTAGE	
1H	50V
2A	100V
2T	150V
2D	200V
2E	250V
2G	400V
2J	630V

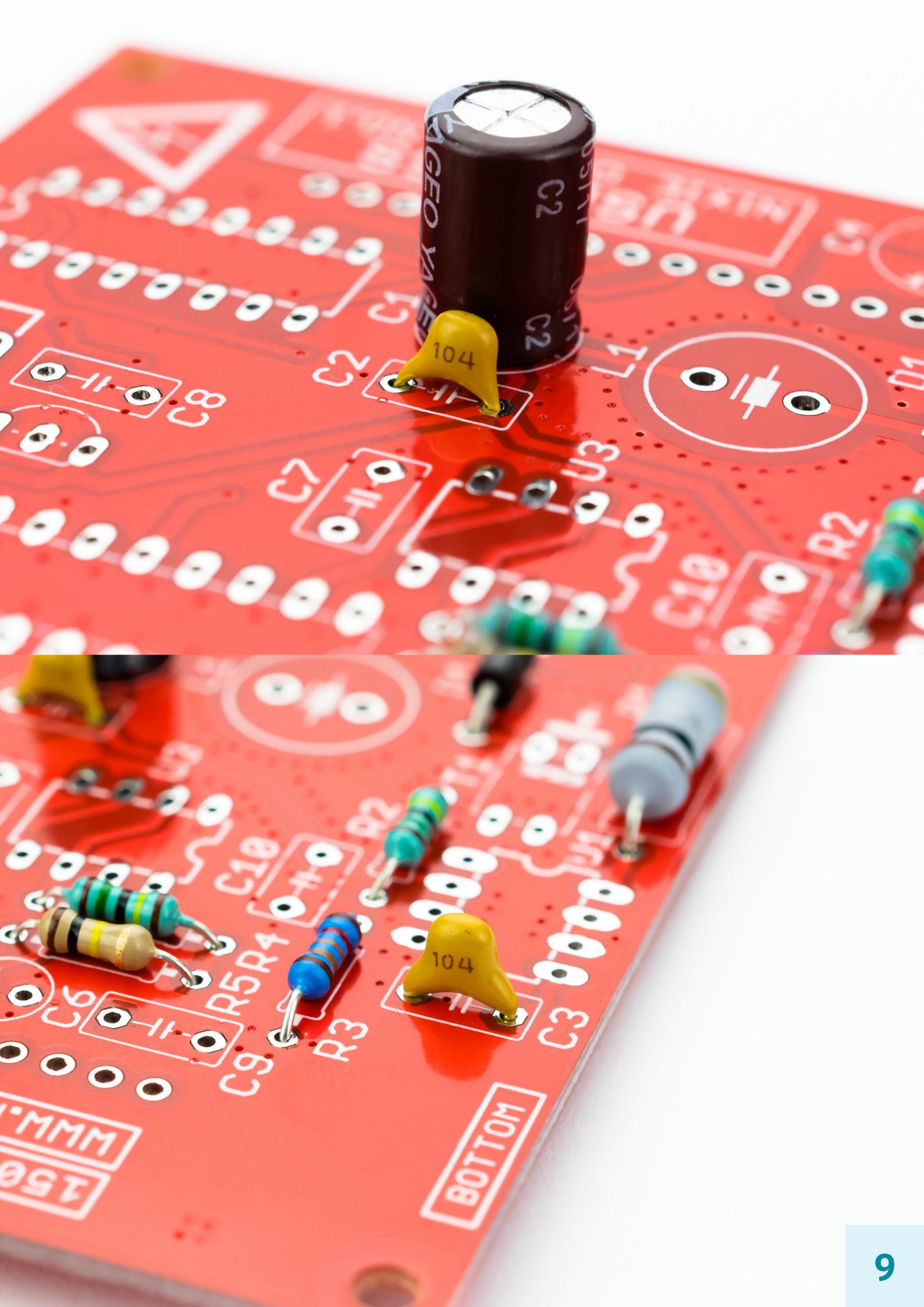
TOLERANCE	
B	0,1pF
C	0,25pF
D	0,5pF
F	1%
G	2%
H	3%
J	5%
K	10%
M	20%
Z	+80%, -20%

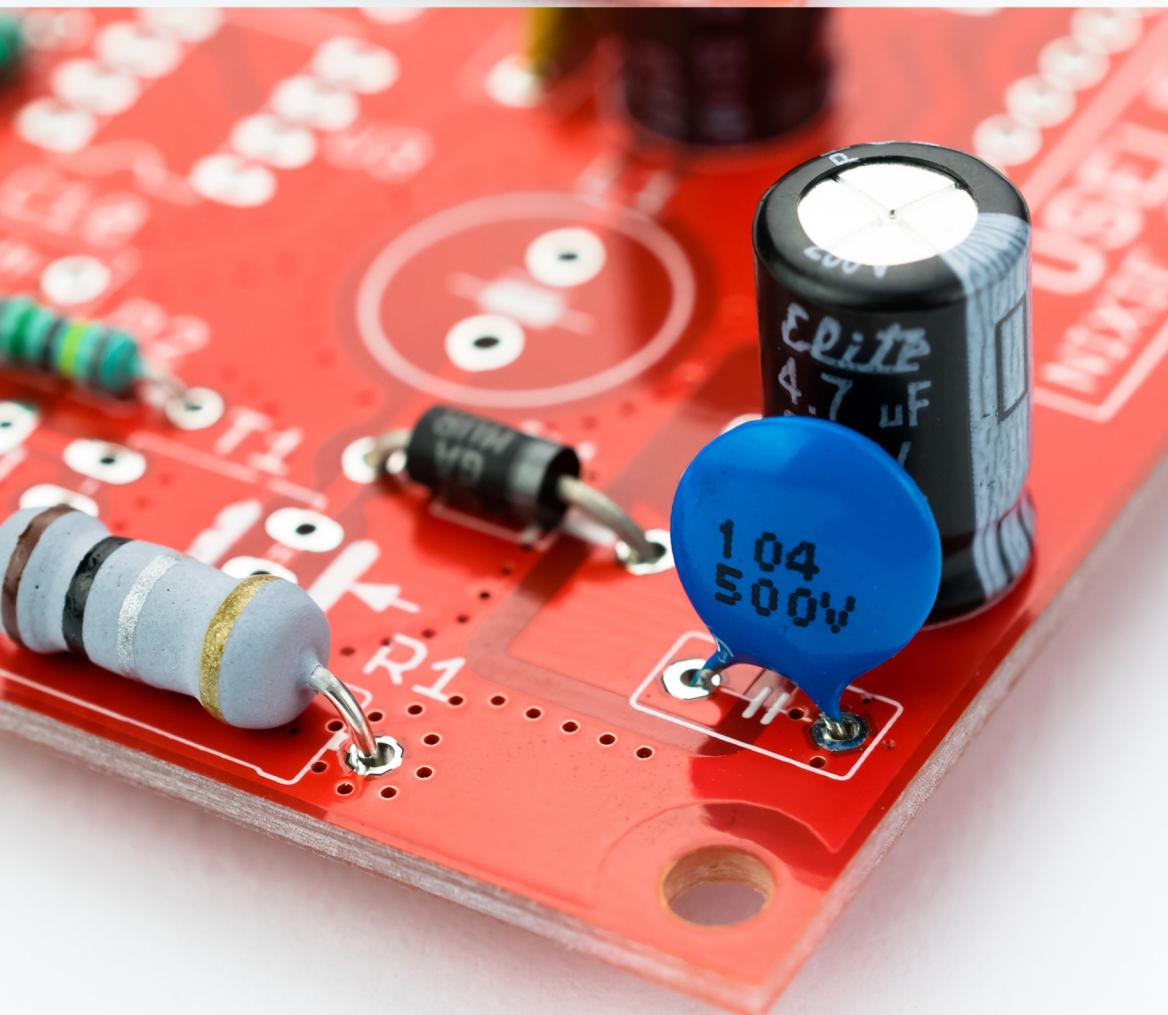
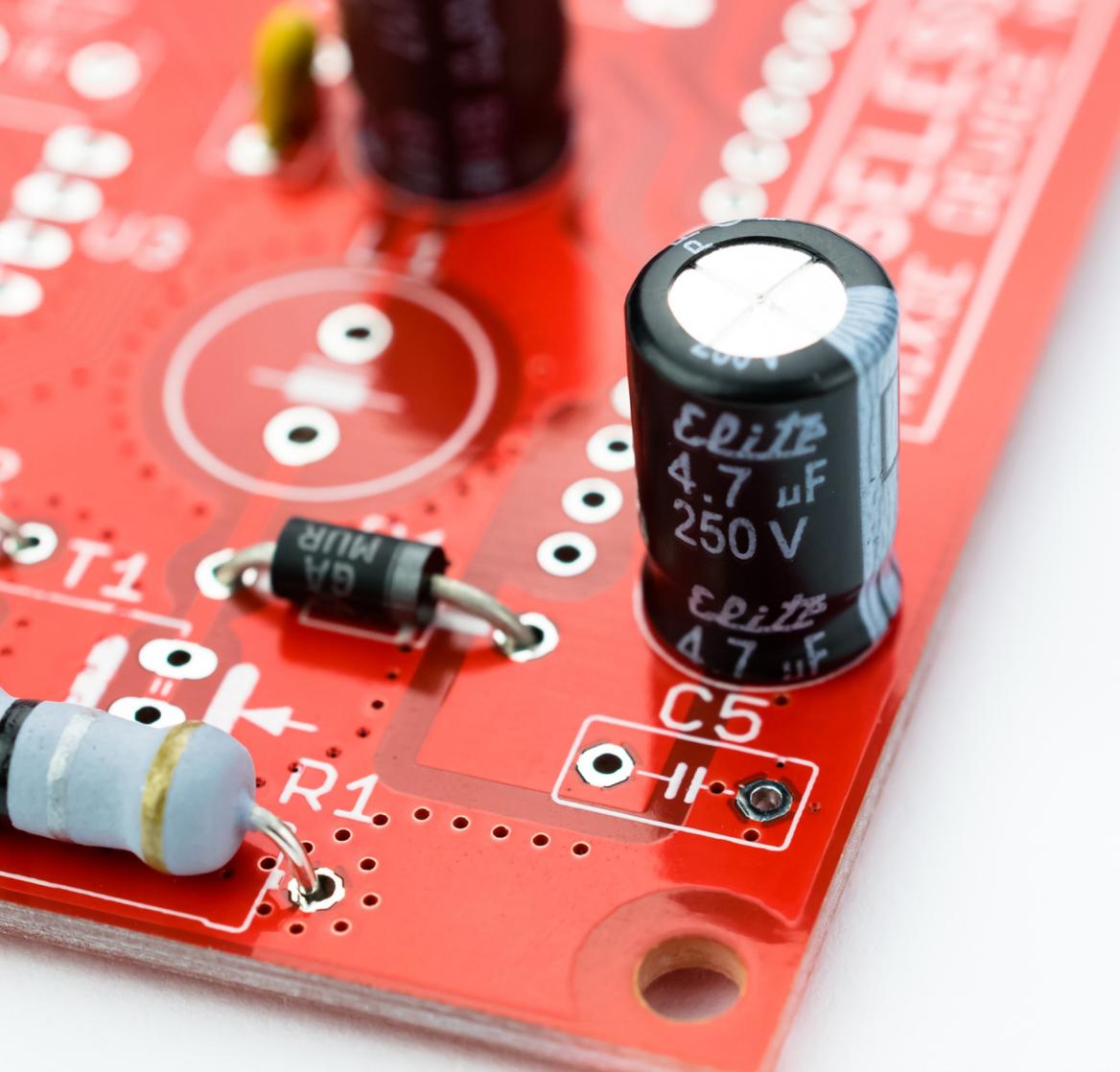


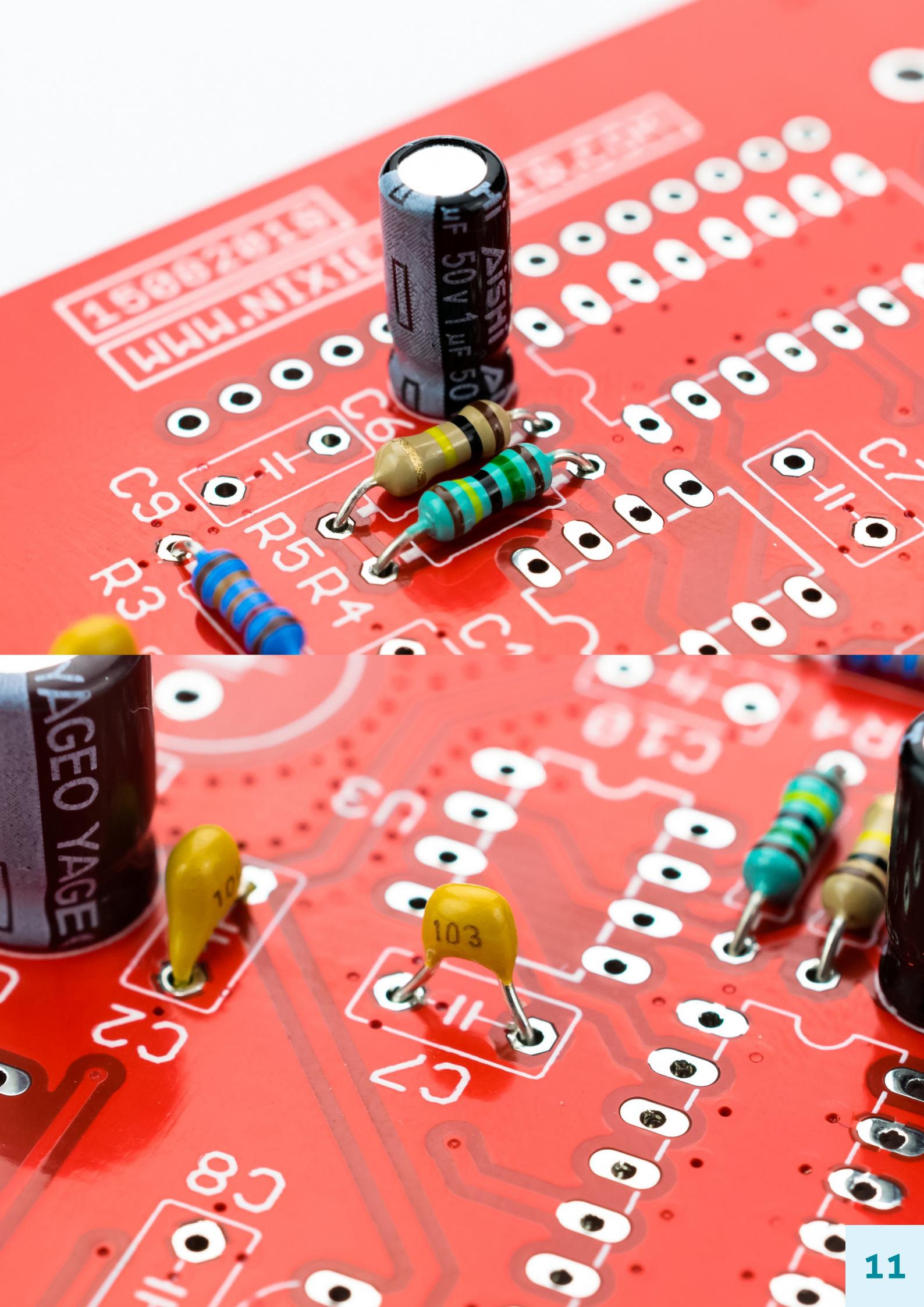


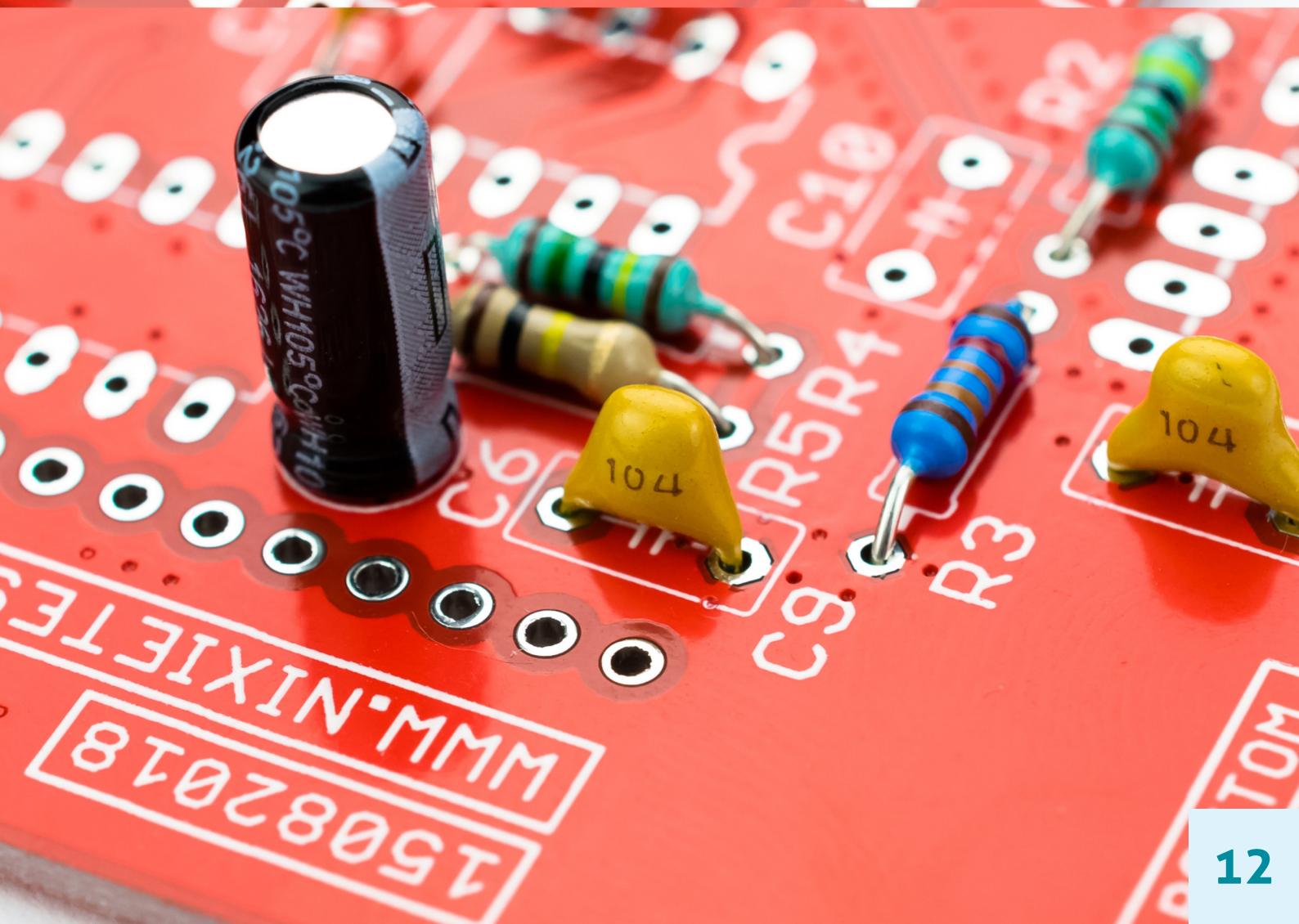
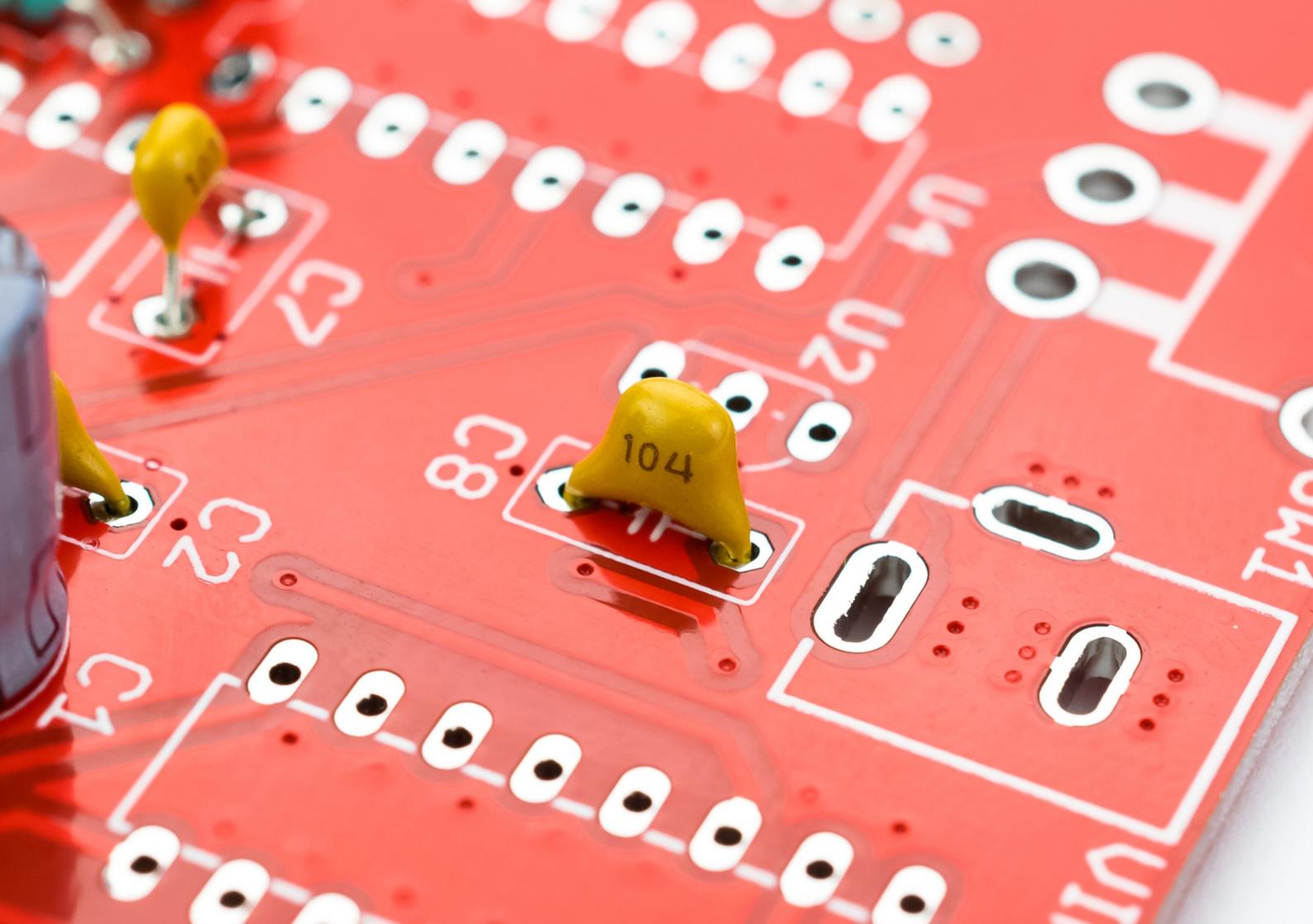


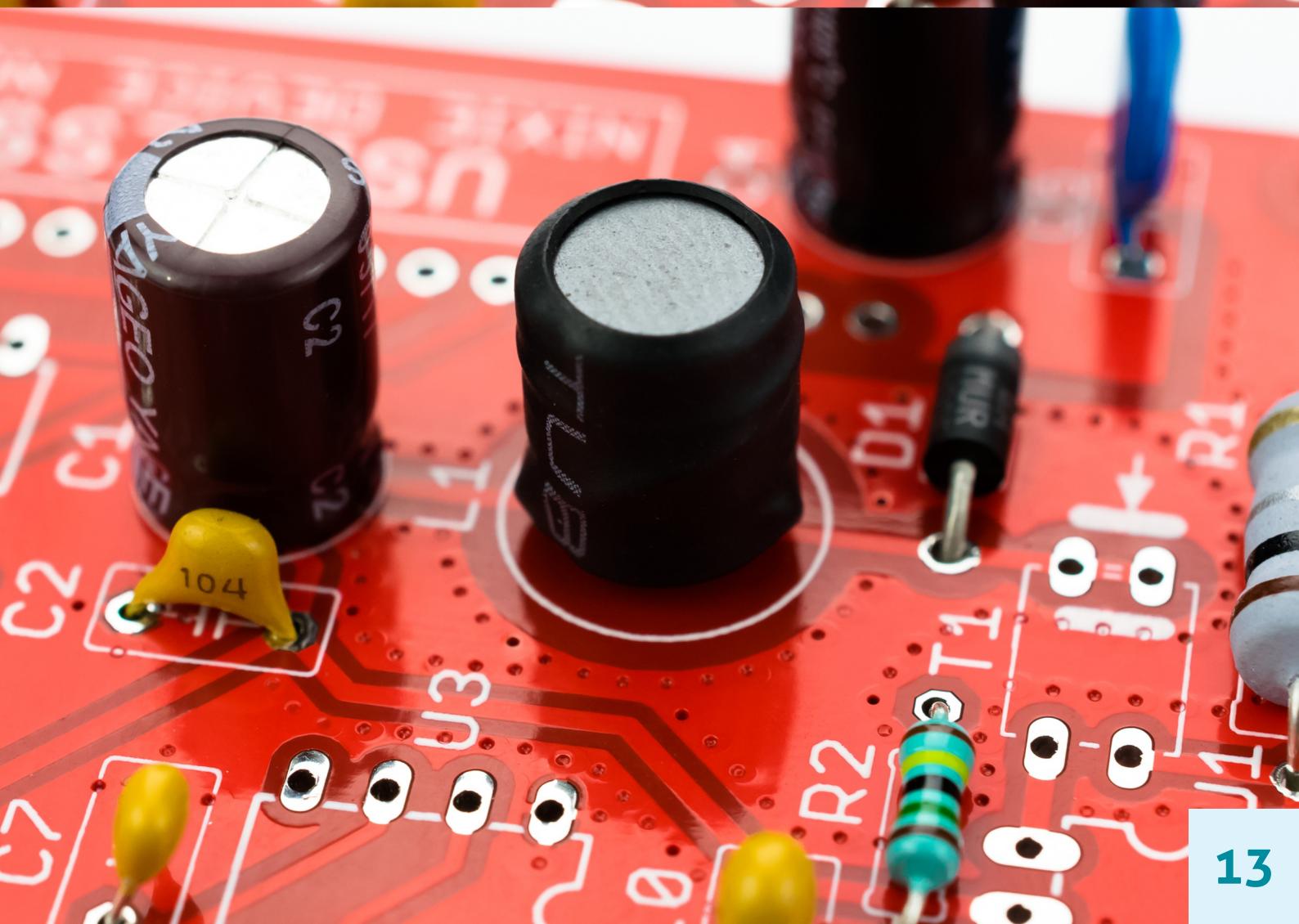
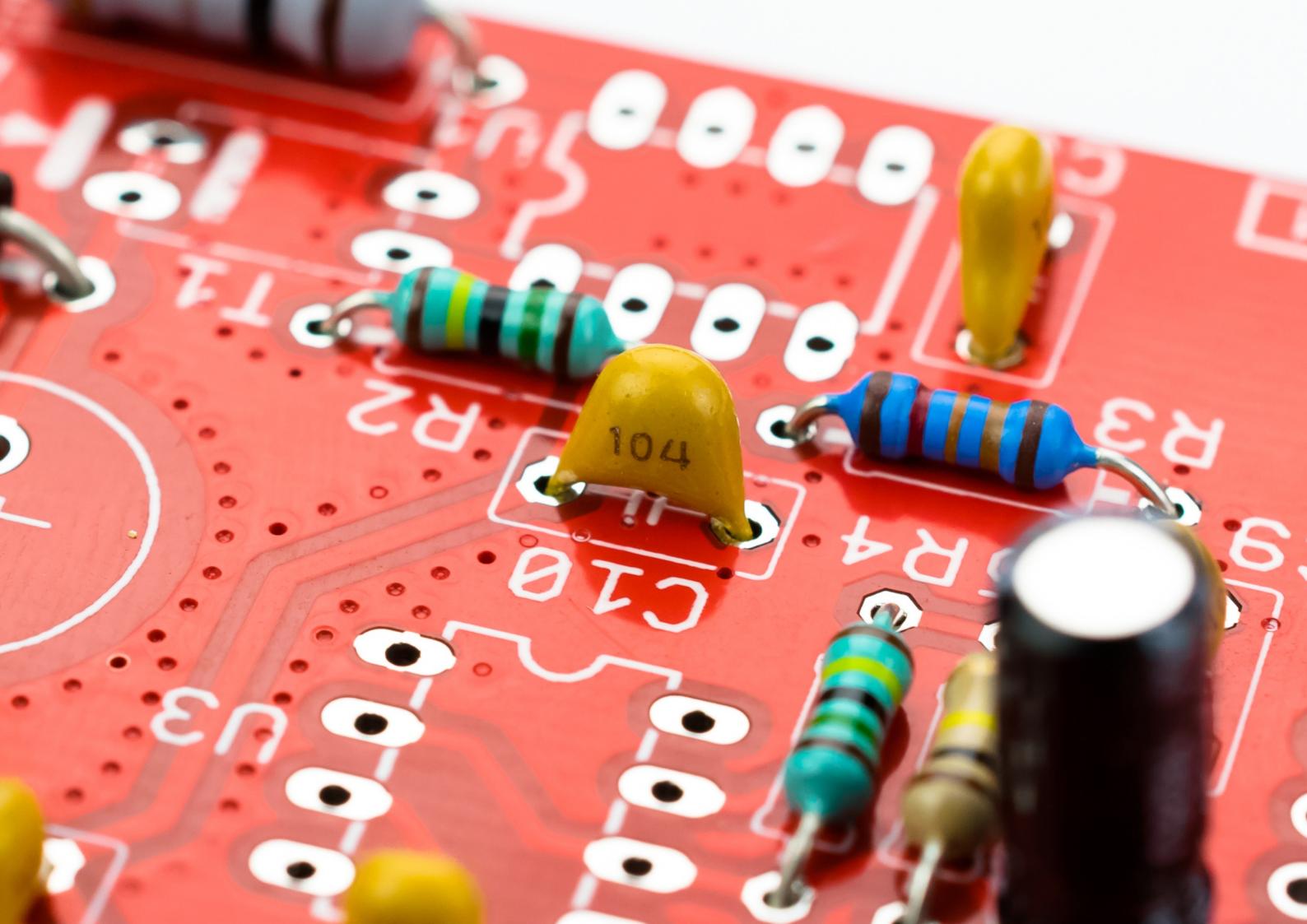


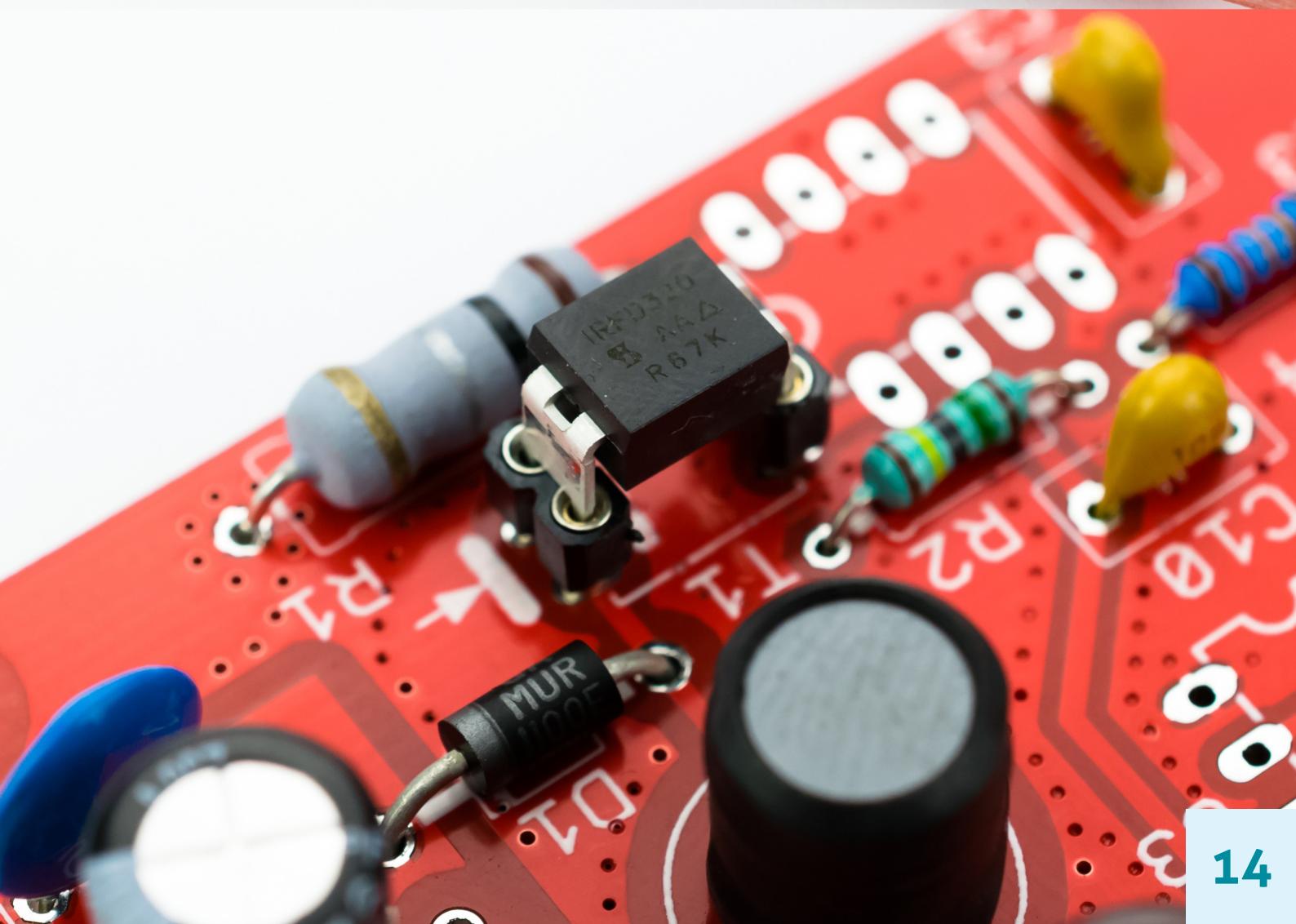
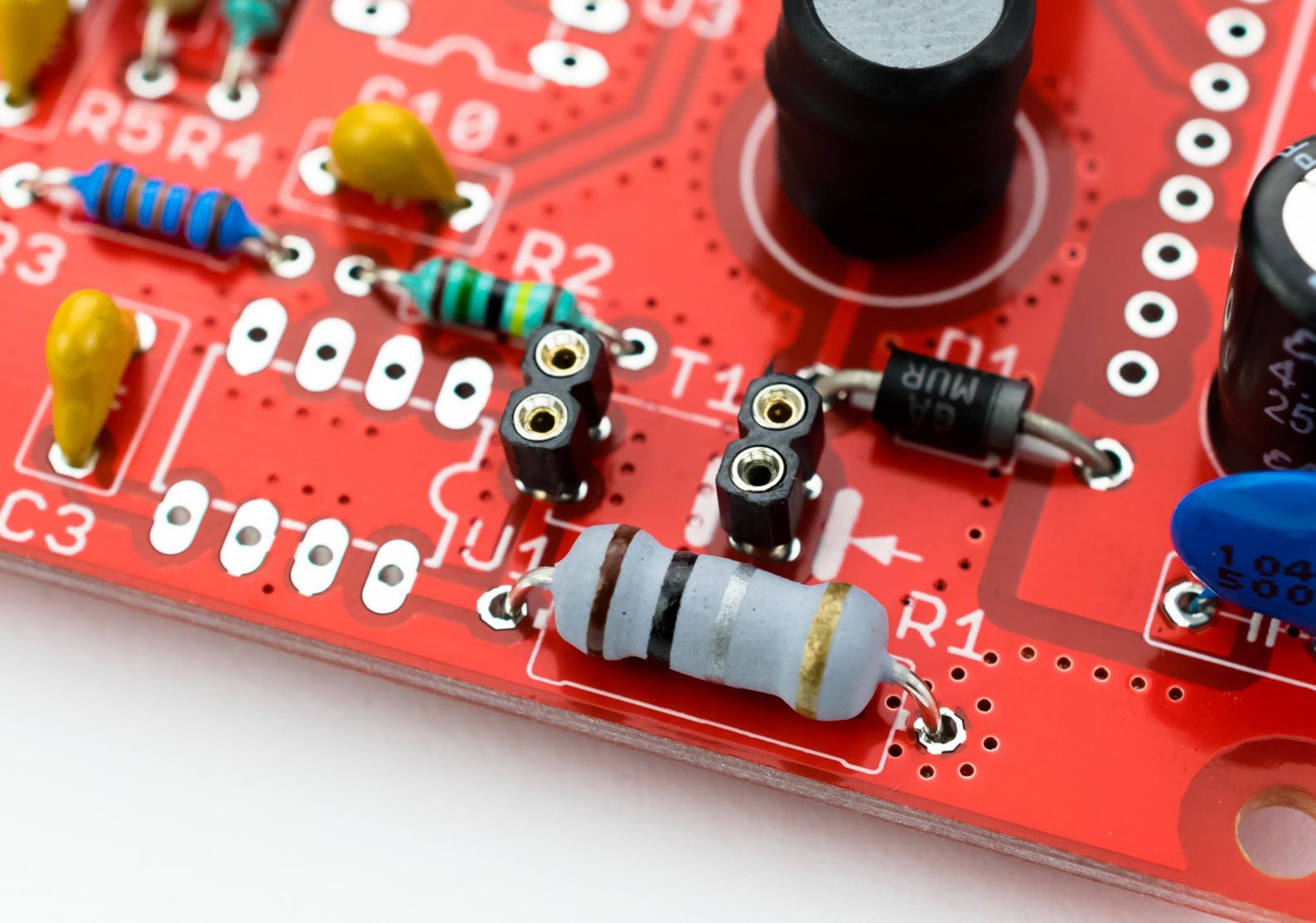


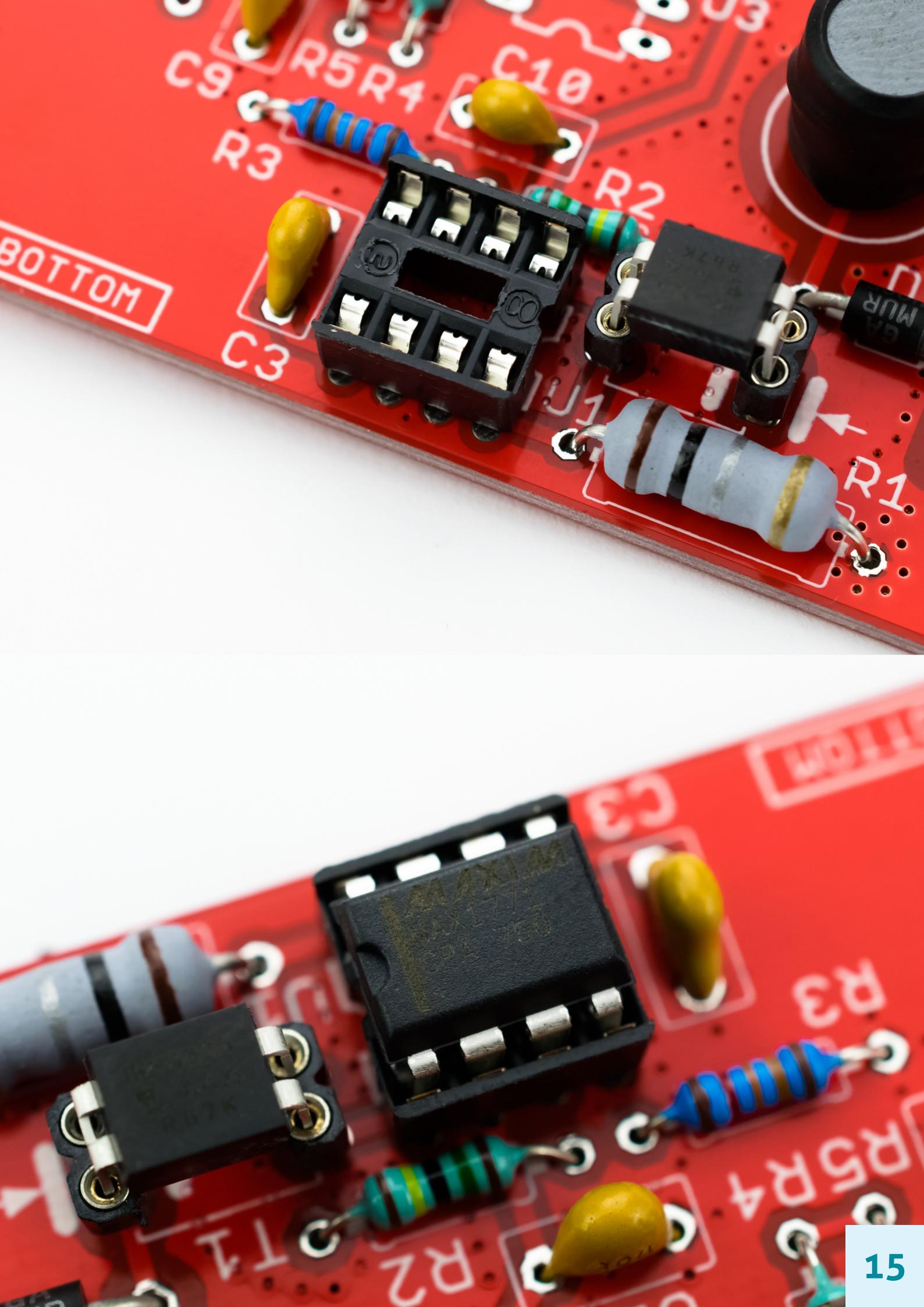


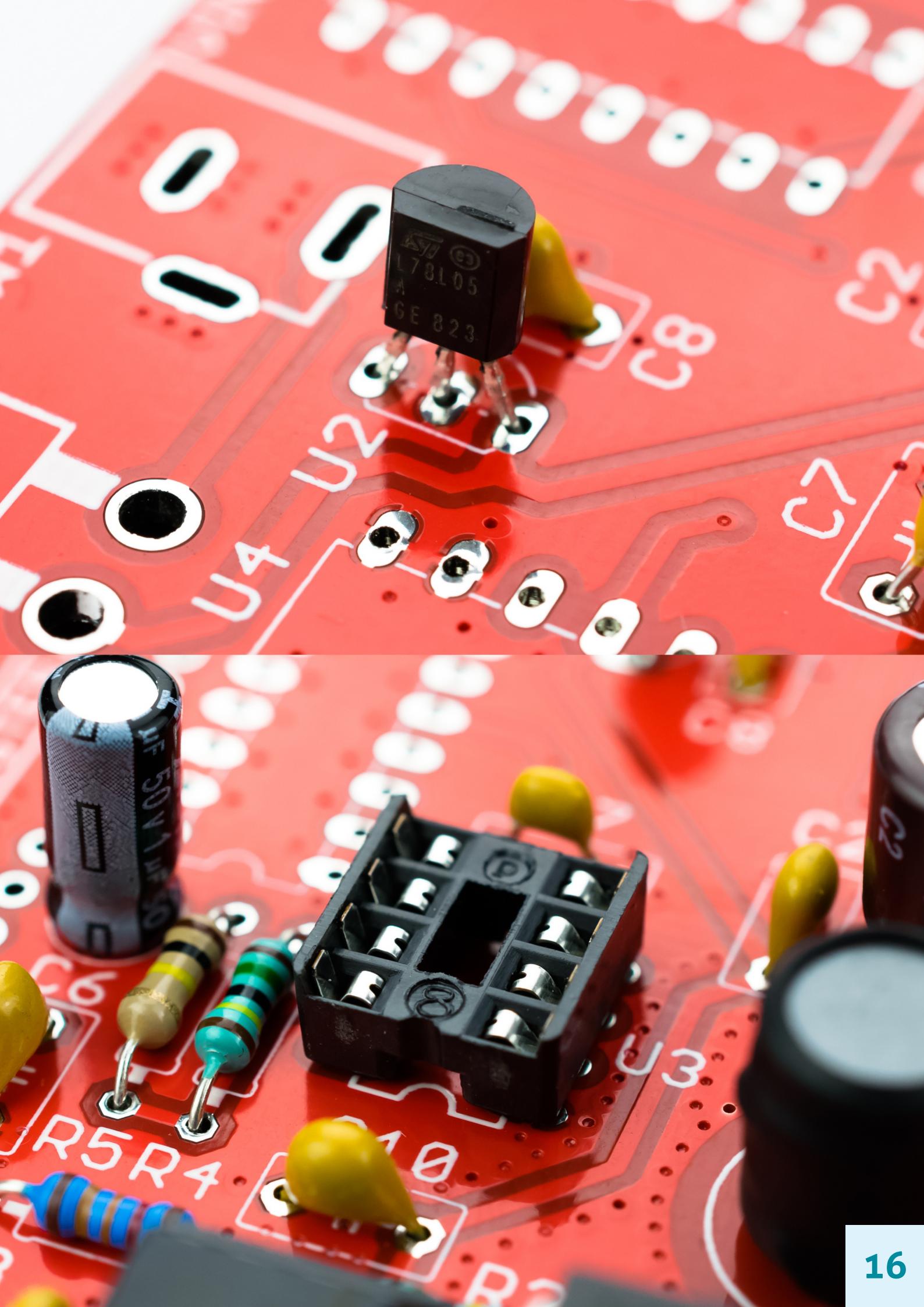


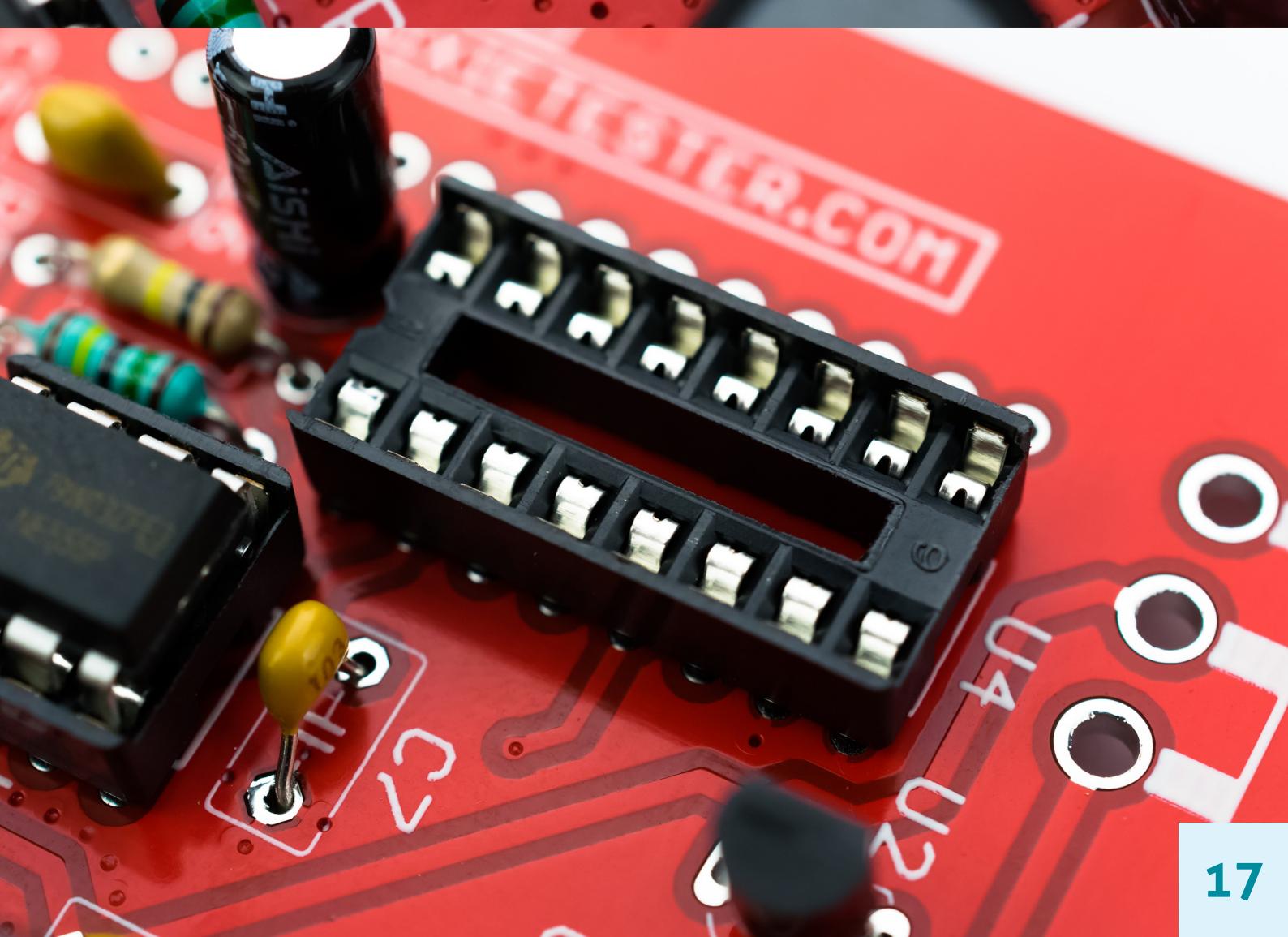
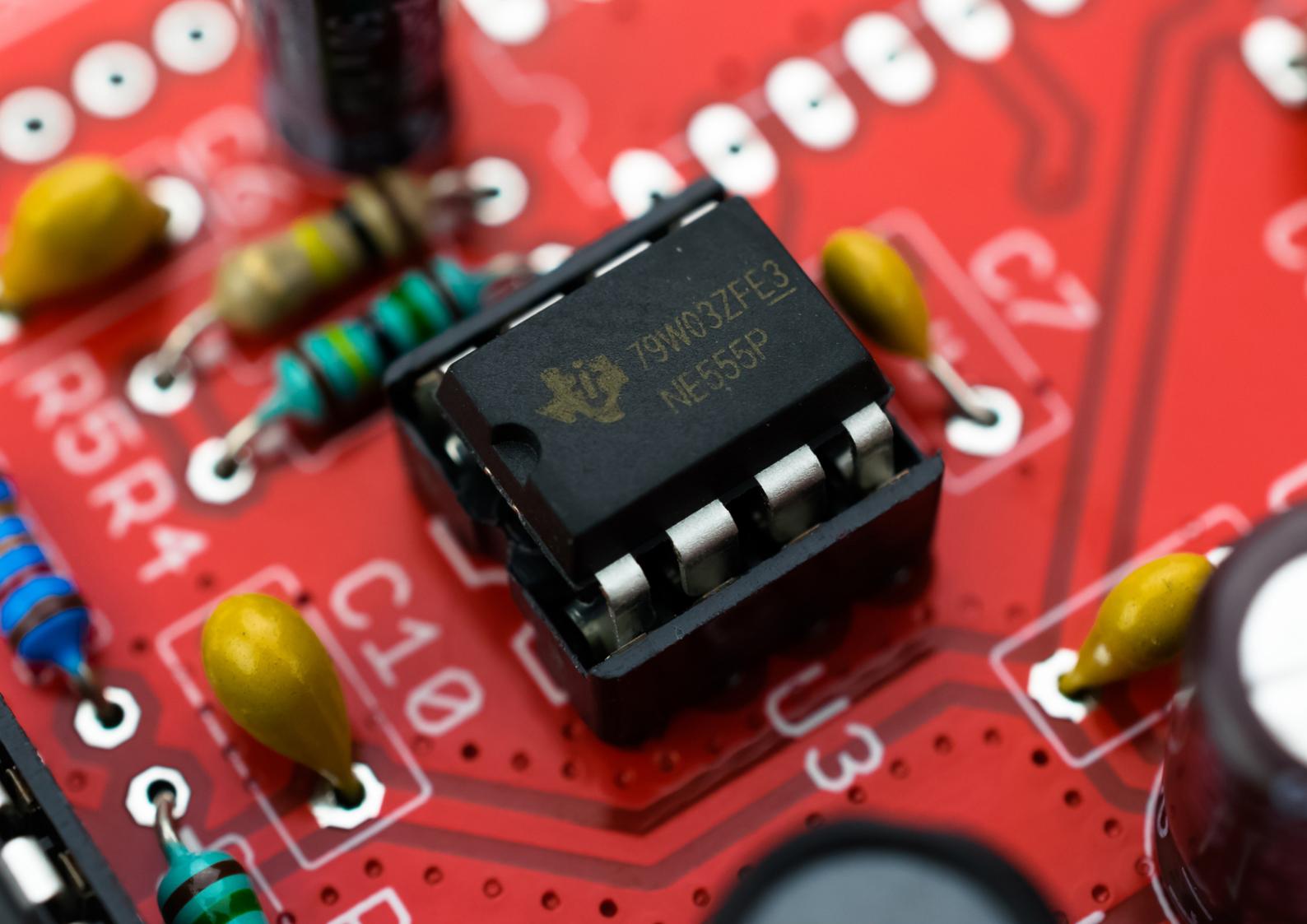


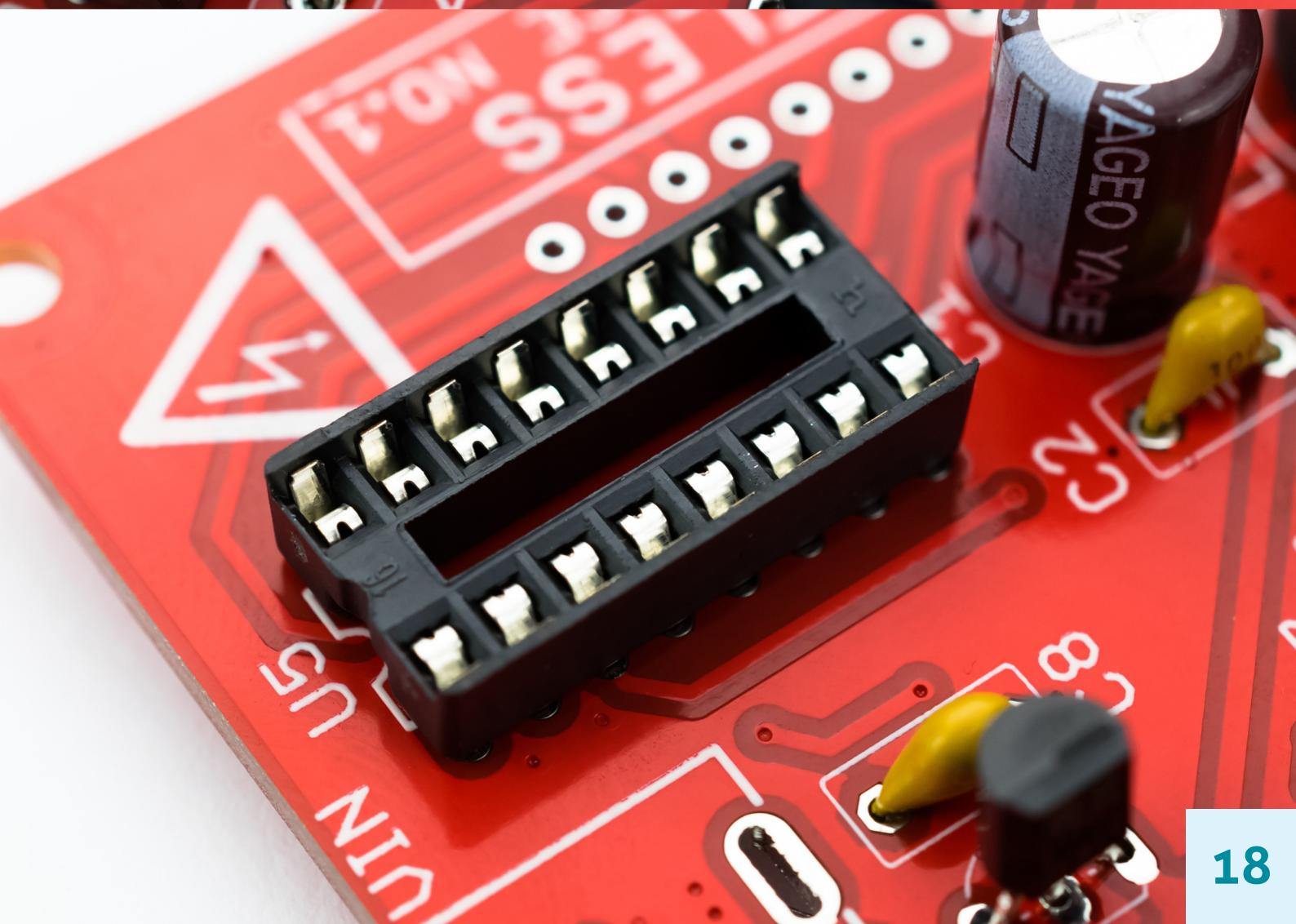
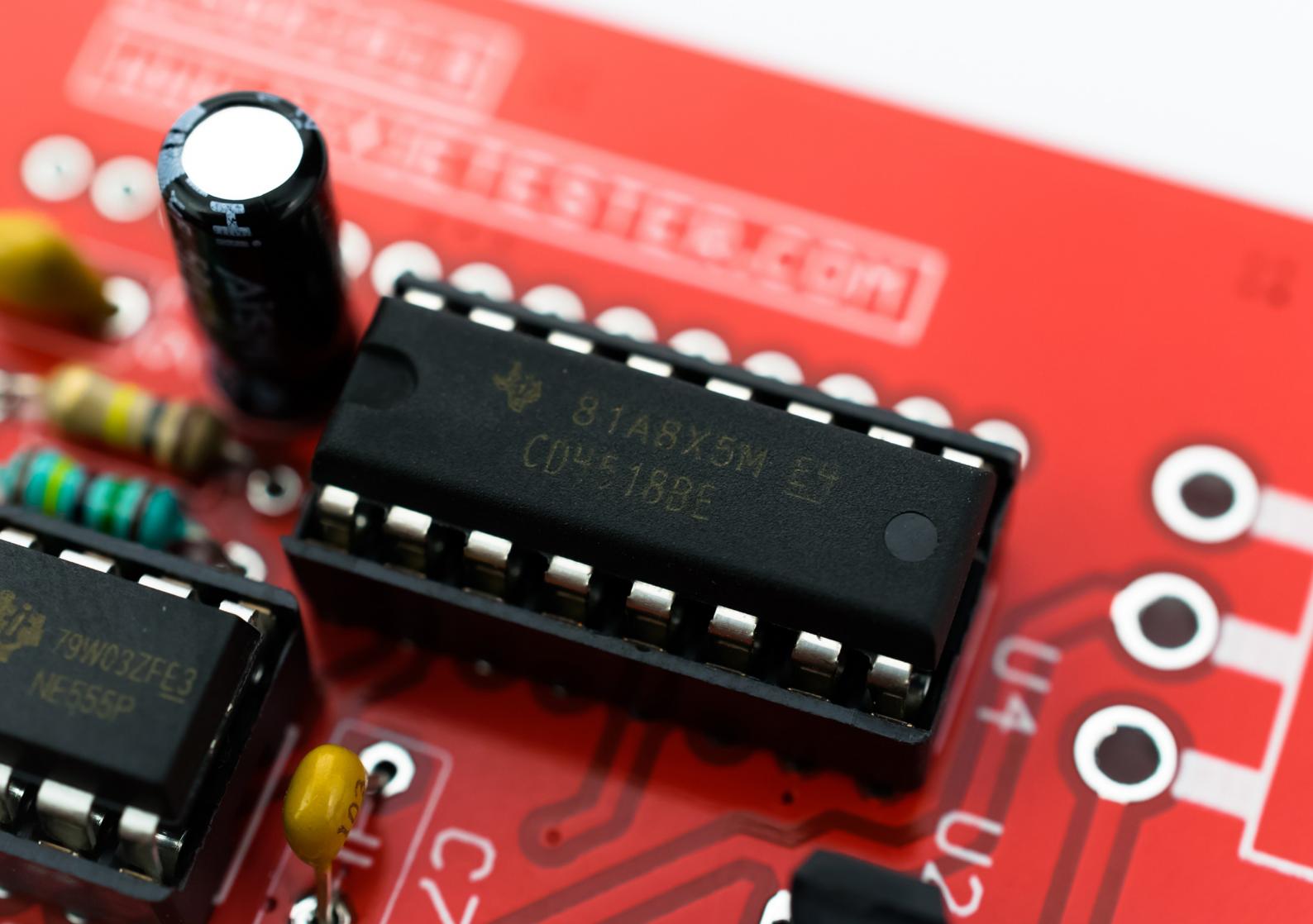


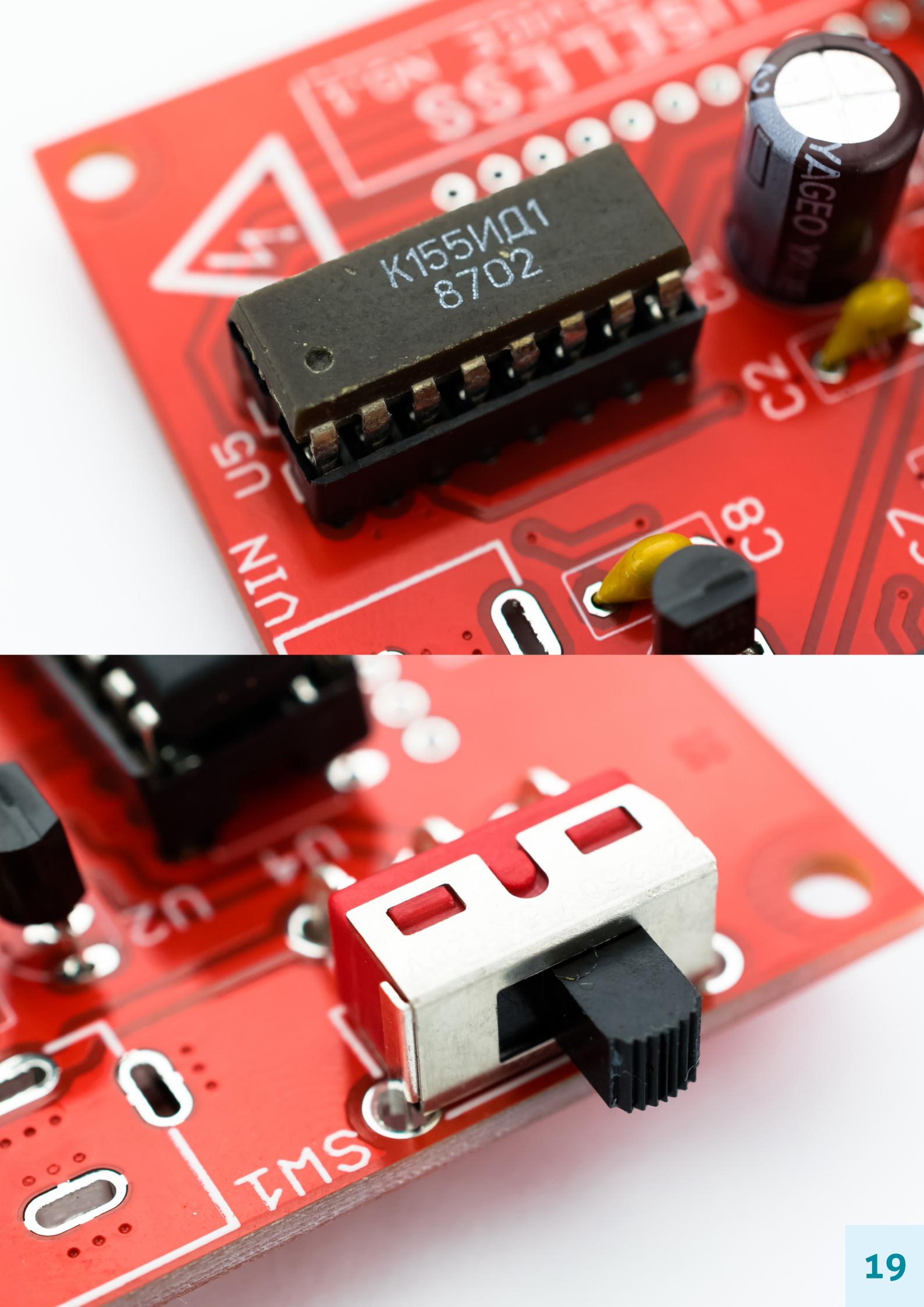


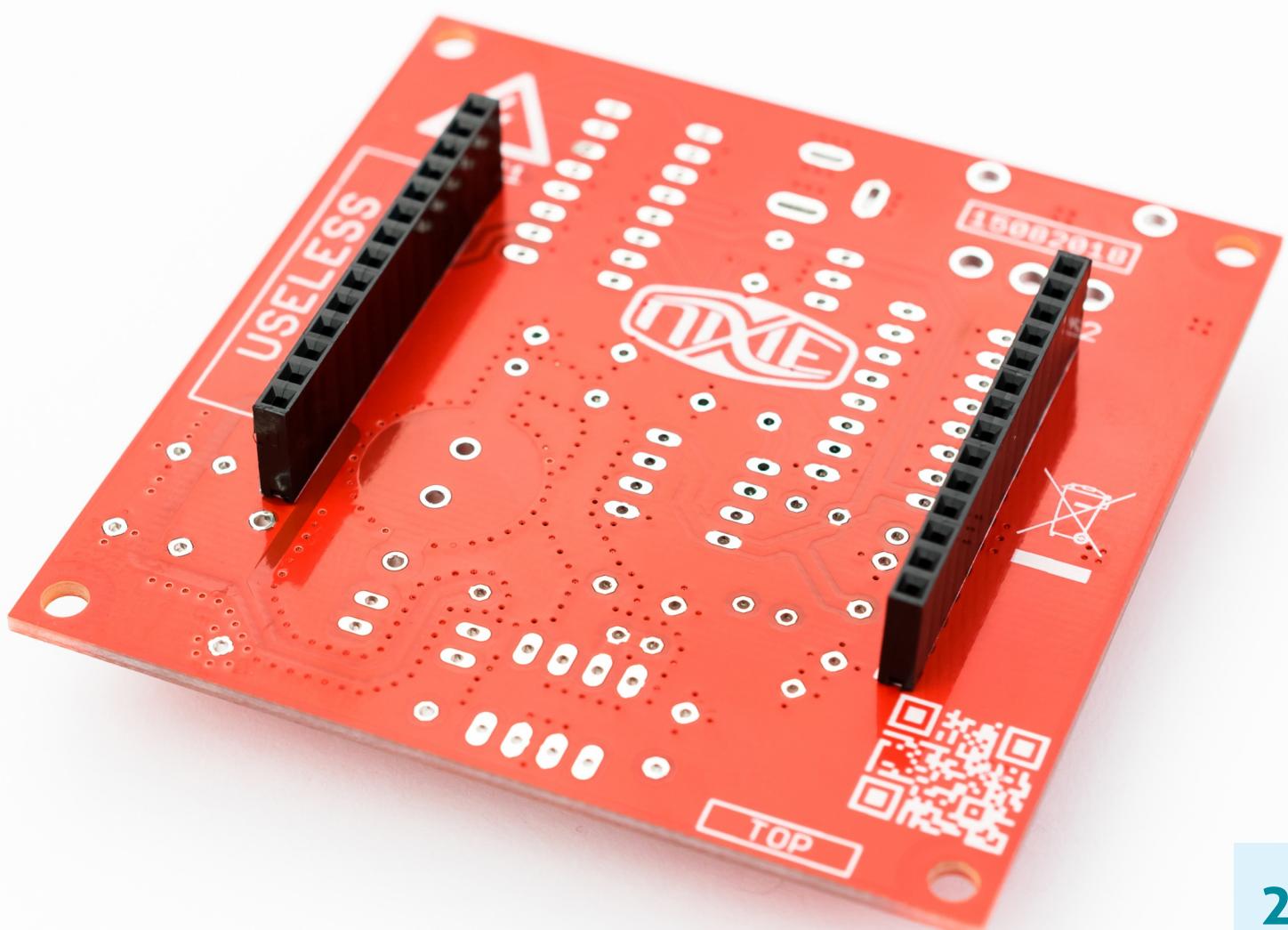
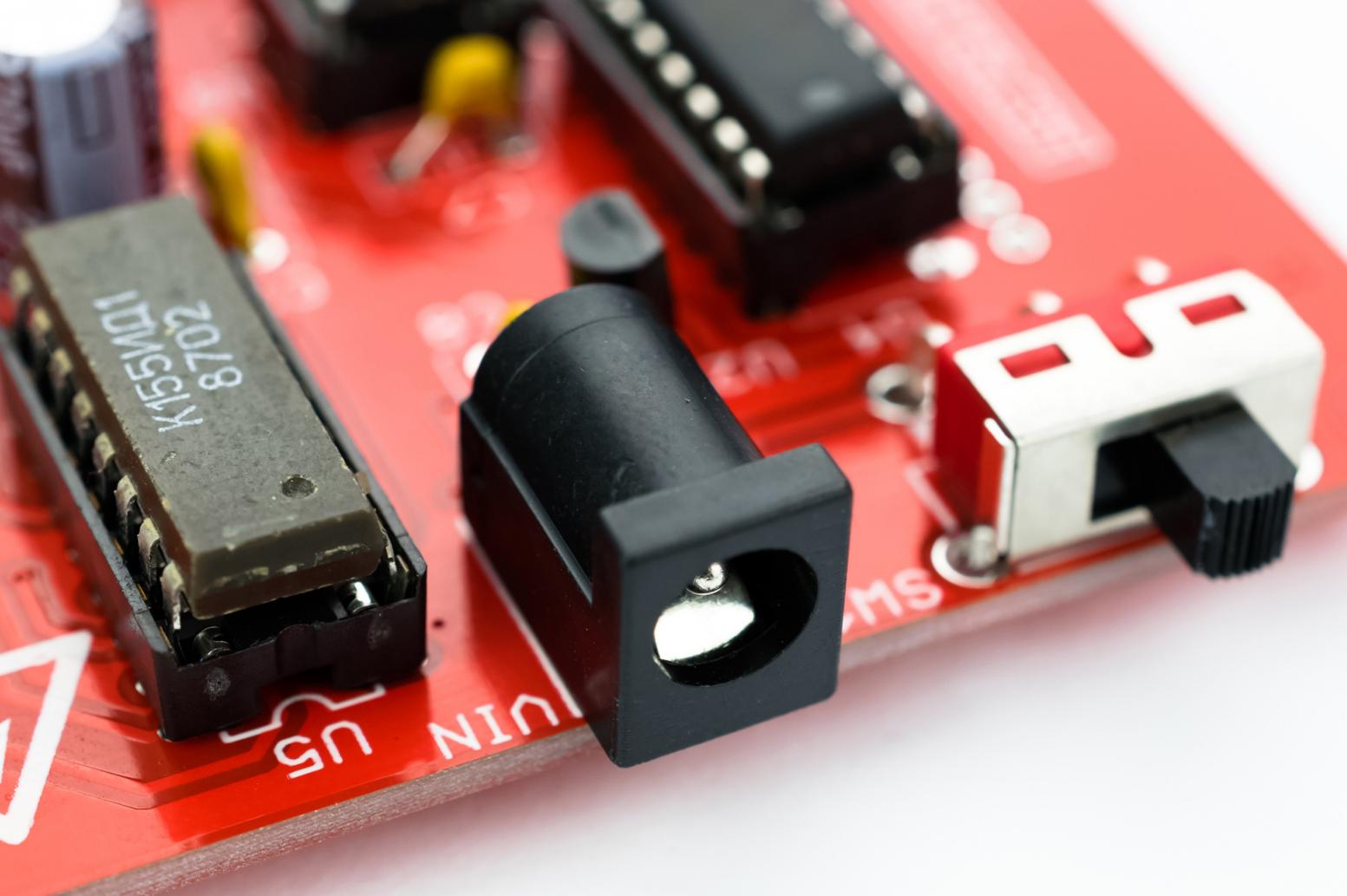




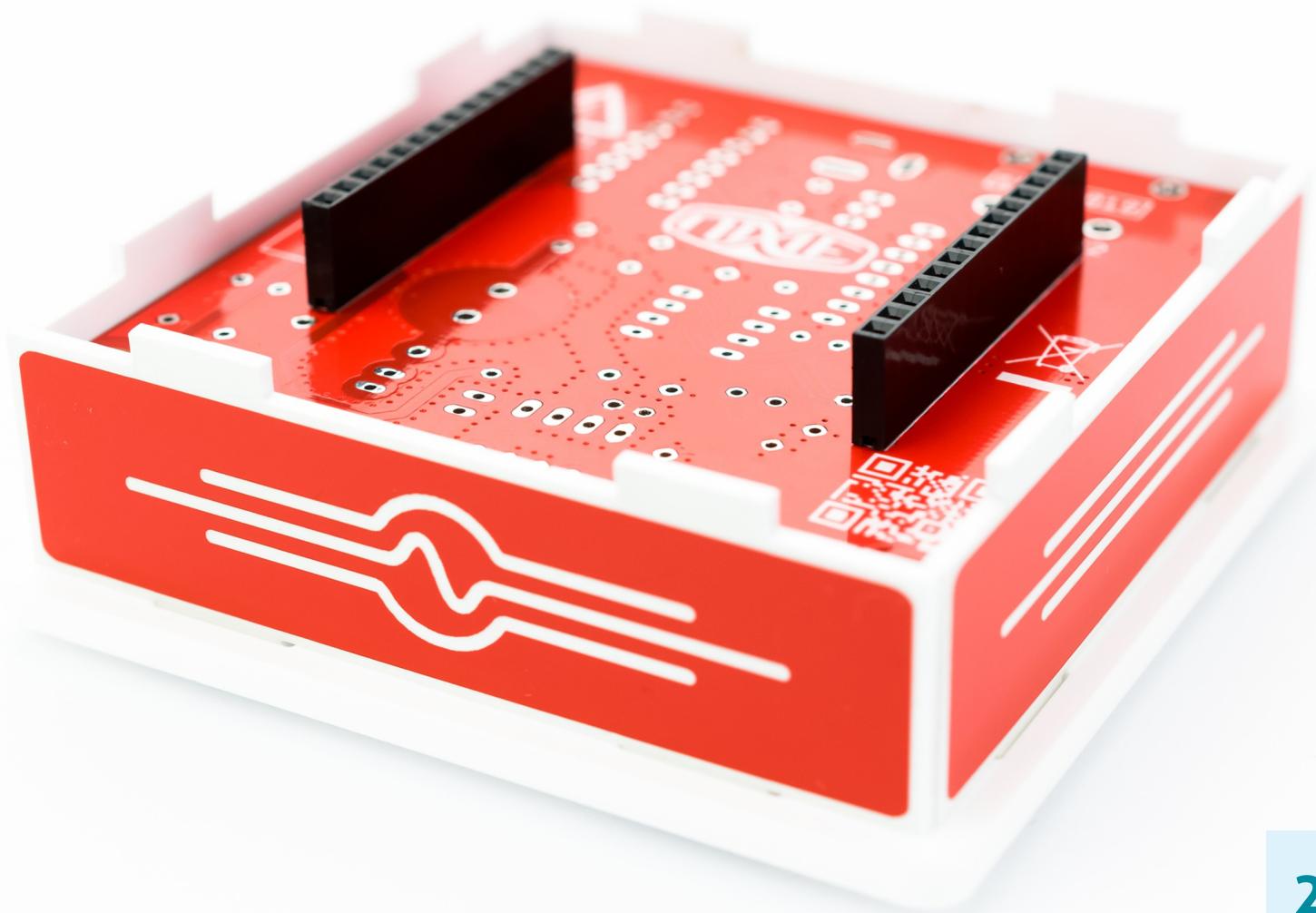


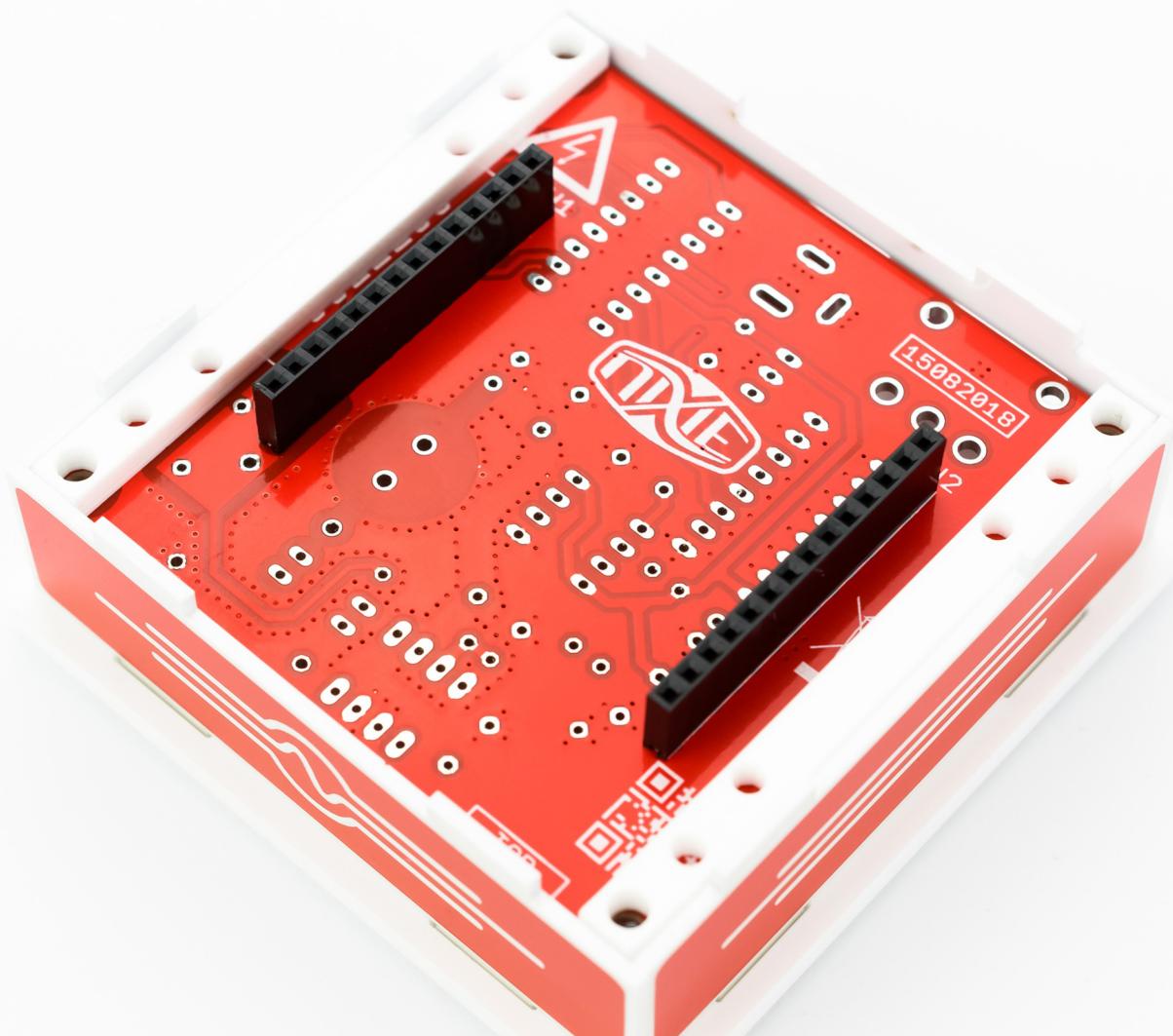
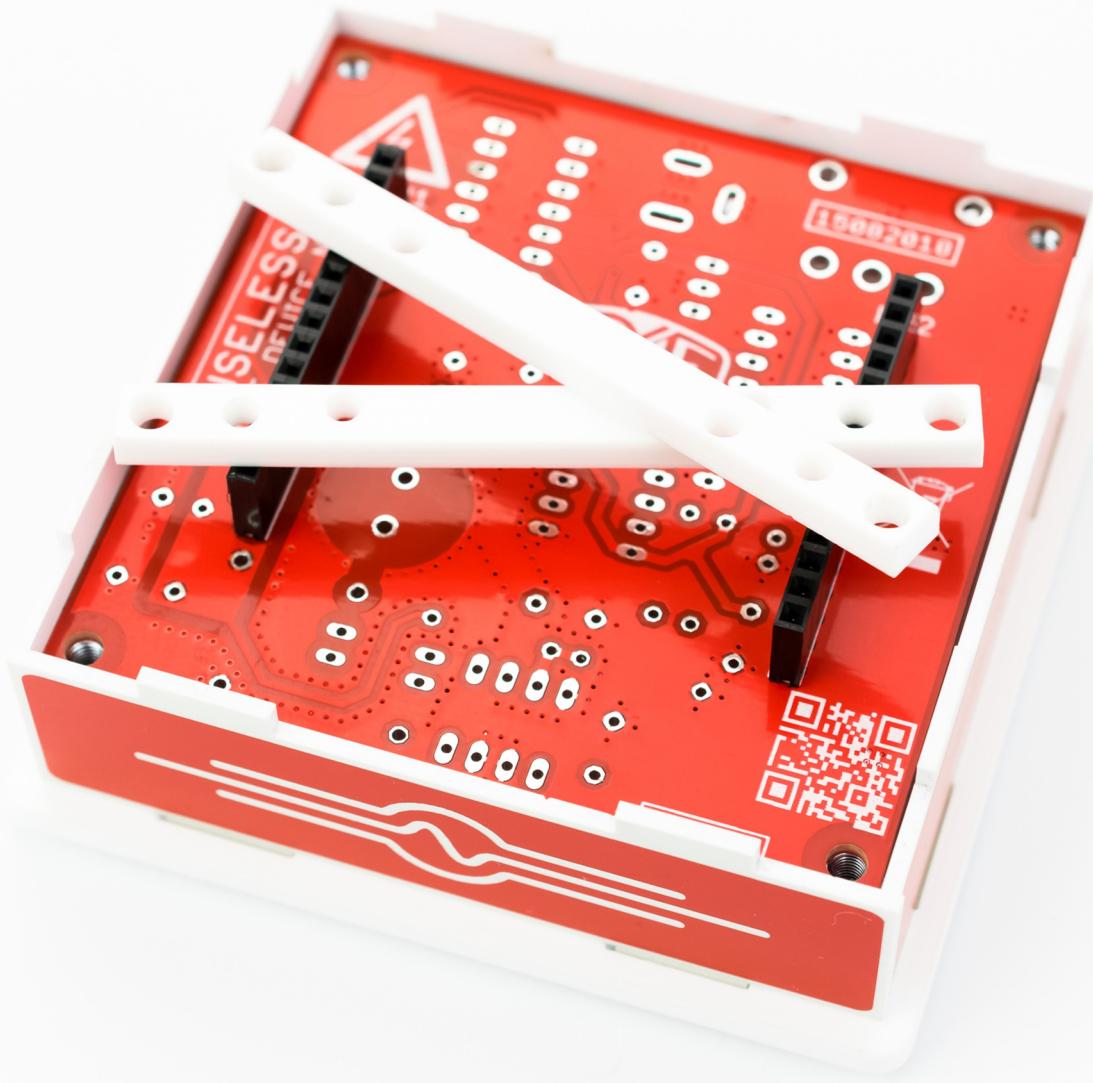


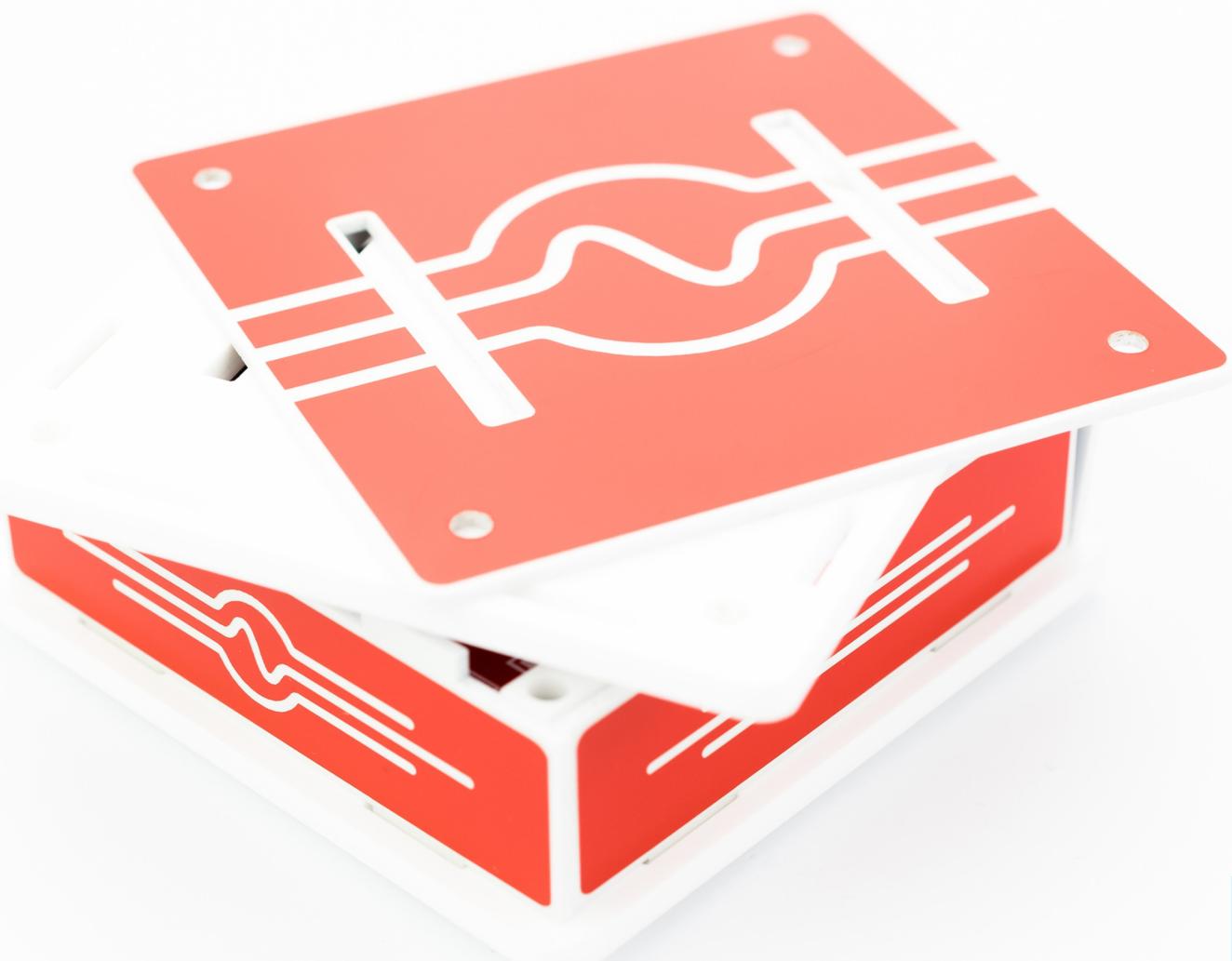
















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