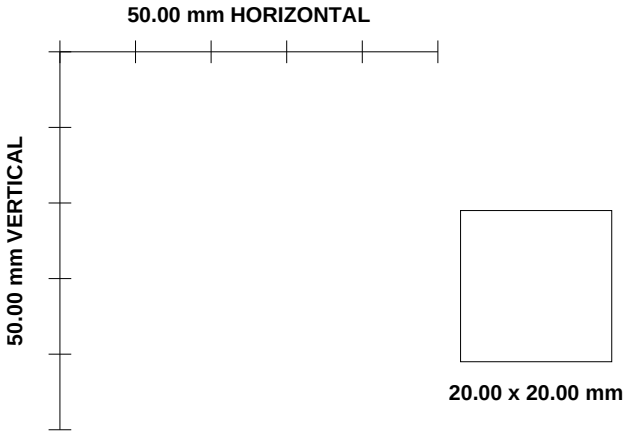
COMPONENT-SIDE 1:1 PHYSICAL FIT CHECK - REV3E1

68 x 42 mm board - protected external 5 V input with D3 (1N5819)

100% / ACTUAL SIZE - DO NOT FIT, SHRINK, OR SCALE TO PAGE

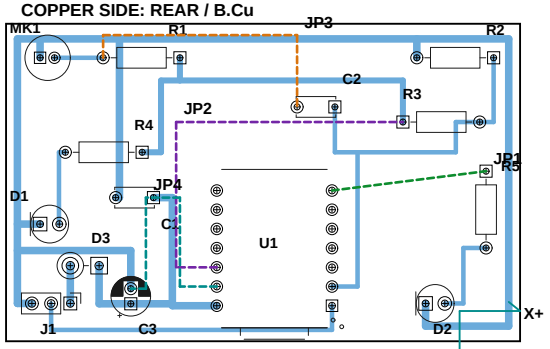
B.Cu SHOWN THROUGH BOARD FROM COMPONENT SIDE



42.00 mm BOARD HEIGHT

COMPONENT SIDE (THIS VIEW)

COPPER SIDE: REAR / B.Cu



USB-C / CAMERA END - KEEP CLEAR

68.00 mm BOARD WIDTH

REV3E1 PHYSICAL CHECKS

1. Verify both 50 mm rulers and the 20 mm square.
2. Verify the board outline measures 68 x 42 mm.
3. Place XIAO/Sense and both 2.54 mm header rows.
4. Prove USB-C, camera/flex, microSD and U.FL access.
5. Place R1-R5, C1-C3, D1-D3, MK1 and J1.
6. Confirm D3 cathode/band faces the protected +5 V side.
7. Confirm solder/probe access around every body.
8. JP4: short insulated >=24 AWG GND jumper; no clipping.

Blue: B.Cu copper projected through board

Colored dashed: insulated jumpers

STATUS: NOT READY TO CUT - REV3E1 PHYSICAL FIT CHECK REQUIRED