



Resistors, LEDs, and capacitors can be either 0805 or 1206 sizes.
Board pads are 1206 for those beginning in surfage mount technology.

- BOM:
- (4) Molex 0480370001, Digikey p/n: WM17117-ND, USB Plug for RPi4
 - (4) Molex 1050570001, Digikey p/n: WM-8672-ND, USB Socket for Devices
 - (4) Panasonic ERJ-P06F1001V, Digikey p/n: P16058CT-ND, 0805 Thick Film Chip Resistor
 - (4) Lite-On LTST-C171GKT, Digikey p/n: 160-1423-1-ND, Green 0805 SMT LED
 - (4) Kyocera 08055C104KAT2A, Digikey p/n: 478-1395-1-ND, 0805 100nF Ceramic Capacitor

B. Kobe

Sheet: /

File: RPi3_WigleBottle.kicad_sch

Title: USB-A Breakout Board for Wigle Bottle

Size: A4 Date: 2022-04-10

KiCad E.D.A. kicad 6.0.11+dfsg-1

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