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Changes
V1.1:
 * TX and CWMIC signals should go via
   relay drivers not directly from the Pico
 * changed tantalum to VE-470M1CTR-0505
   electro
 * fixed relay footprint
 * fixed phones footprint (was 2.5mm)
 * changed volume to PCB mount footprint
 * U6 was reversed!
 * Added connector for paddle
 * Added bypass caps to U21 and U22 (ULQ2003)
 * Reversed B1-B5 for easier PCB layout
 * Added connector for power switch
 * Update bandpass filter inductor footprint to accept
   0805 and 1206 devices
V1.2:
 * Part number for VCXO was incorrect - should be FOX914 (not FOX924)
 * Added R98 so that DC reference for ADC is 1.66V (instead of 2.5V)
 * Updates to crystal filter capacitor values using LCSC crystals:
SSB 82p, CW 330p, Dig 47p

* Added R99 and R100 to reduce potential ringing on VFO and BFO

* changed R29, R31 and R32 to 1M to improve AGC

* Added limiting diodes D6 and D7 to AGC

* Update to AGC based on a design idea in EDN August 2005

* Changed L2 to 15u SM industor
 * Changed L3 to 15u SM inductor
V1.3:
 * Added T50-6 winding details
 * Change C44 to 1000u
 TODO:
  * power switch - done
   power on LED
 * speaker connector?
 * use PCB mount volume - done
 * heatsink for Q2
 * add I2C connector
https://github.com/earlephilhower/arduino-pico/releases/download/global/package_rp2040_index.json
https://www.aliexpress.com/i/4000152810614.html
https://learn.adafruit.com/adafruit-1-14-240x135-color-tft-breakout/pinouts
https://github.com/hideakitai/TCA9534
https://github.com/etherkit/Si5351Arduino
https://github.com/Bodmer/TFT_eSPI
https://github.com/brianlow/Rotary
https://github.com/adafruit/Adafruit_ZeroFFT
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