



[x] 12c pullups
 [x] ec-kb
 [x] ec-kb main
 [x] ec-kb sub part
 [x] nbn the kb boot away
 [x] shift reg for pm
 [x] shift reg for leds
 [x] second qwic
 [x] do a battery conn fr still
 [x] pull one rpi gpio to batt conn
 [x] pull one rp2040 gpio to batt conn
 [x] add battery testpoints
 [x] add qspi cs pullups
 [x] ec flash mode
 [x] rst on long pwr button press
 [x] acmitmit trigger
 [x] boot button on long wifi button press
 [x] max auto switching
 [x] add internal usb port
 [x] add vusb sensing to one rp2040 gpio
 [x] move adc to batt header pull
 [x] pull one rpi gpio to the kb somewhere
 [x] rtc on pi 12c
 [x] control of 3.3v led?
 [x] audio ic gpio control?
 [x] caps on expander
 [x] i2c gpio expander
 [x] aux board header
 [x] 3v3p
 [x] usb
 [x] hdmi port 5v pad
 [x] pi zero usb pads
 [x] more caps on 3.3v
 [x] smaller symbols for esd diodes
 [x] power input header
 [x] resistor away kb rx and tx
 [x] move expansion conn to the left
 [x] current limit the hdmi pin
 [x] one more adc?
 [x] omg one adc is version divider?
 [x] get rid of bees esd diodes?
 [x] rtc power through diodes?? idk
 [x] check tm diode fp
 [x] power management
 [x] vln/vbat switchover
 [x] 5v step-up
 [x] 5v vin fet bypass
 [x] 5v regulator from vdc
 [x] check inductor
 [x] copy prev 5v regulator out
 [x] battery charger
 [x] pi zero vin gating
 [x] int usbc
 [x] 5v regulator from vdc
 [x] check inductor
 [x] 5v vin fet bypass
 [x] ideal diode ic
 [x] go through EN pins and check
 [x] check tm diode fp
 [x] vdc reg
 [x] 5v step-up
 [x] charger
 [x] sy6280
 [x] pam2306
 [x] make vdc reg on by default
 [x] add esd diodes
 [x] SPO/SP1
 [x] buttonst
 [x] maybe prioritize EC
 [x] review afterwards
 [x] power planes for all regs
 [x] embiggen the diode
 [x] THICKEN TRACKS
 [x] solid gnd for caps
 [x] MORE CAPACITORS
 [x] EVEN MORE CAPACITORS
 [x] YES MORE THAN THAT
 [x] check rtc conn polarity
 [x] power conn (frc) vbn check
 [x] one last polarity check for all connectors
 [x] fix USB mux EN
 [x] different parts into boxes

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