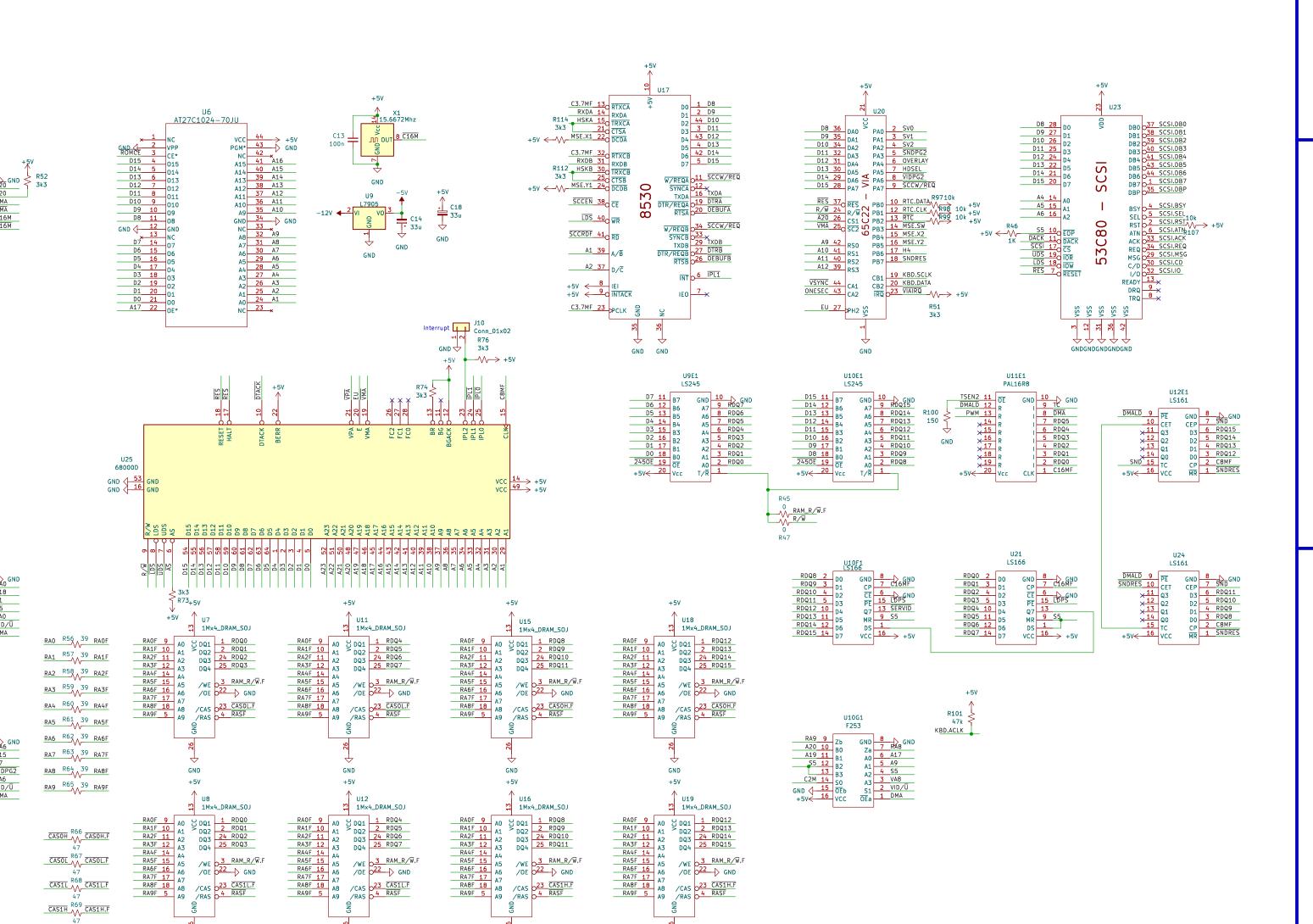
Stock(ish) Macintosh Plus R43 47 C3.7M C3.7MF A2 R27 2k2 R33 2k2 A12 A4 R29 2k2 R35 2k2 A10 A5 R30 2k2 R36 2k2 A9 A6 R31 2k2 R37 2k2 A8 R38 2k2 A7 FerriteBead_Small C16M C16MF RA1 9 A10 10 B0 A2 11 B1 VA9 12 VA1 13 B2 VA1 13 C2M 14 DMA 15 OEb +5V 16 VCC RA5 9 Zb A14 10 B0 A6 11 B1 VA13 12 B2 VA5 13 B3 C2M 14 S0 DMA 15 OEb +5V< 16 VCC RA7 9 A16 10 A8 11 S5 12 VA7 13 C2M 14 DMA 15 +5V← 16 VCC RAM_R/W ____RAM_R/W.F

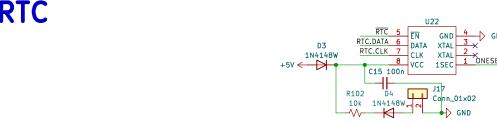
With Thanks to:
DosFox (Sony Sound replacement and SCHWIM)
GuruThree (Pico Scan Converter)
quortan (ATTiny RTC)
pgreenland (ATTiny RTC)
Tashtari (PS2 Keyboard / Mouse Converters) (See the other PCB!)
Porchy (PAL Reverse Engineering)
Hkz (PAL Reverse Engineering)
Bolle (PAL Reverse Engineering)

Sony Sound replacement: https://github.com/DosFox1/Sony-SND-THT-Replacement SCHWIM: https://github.com/DosFox1/Shim-IWM pldSCWHIM: https://github.com/max234252/pldSCHWIM Pico Scan converter: https://github.com/guruthree/mac-se-video-converter ATTiny RTC: https://github.com/quorten/macsehw/tree/master/firmware/rtc ATTiny RTC: https://github.com/pgreenland/attinyrtc PS2 Keyboard adapter: https://github.com/lampmerchant/ps2-to-plus-keyboard PS2 Mouse Adapter: https://github.com/lampmerchant/ps2-to-quad-mouse PAL's: https://wiki.pldarchive.co.uk/index.php?title=Macintosh_128k/512k/Plus

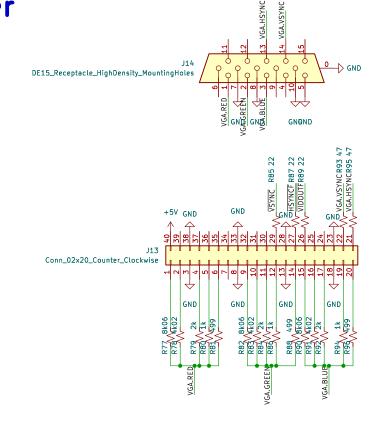
PldSCHWIM & IWM Expasion Connector -5V -5V -5V -6A9 1 12/CLK 9 101 19 D0 -12/CLK 9 102 18 D1 -13/CLK 9 102 18 D1 -13/CLK 9 102 18 D1 -13/CLK 9 102 18 D1 -14/CLK 9 102 18 D1 -15/CLK 9 10



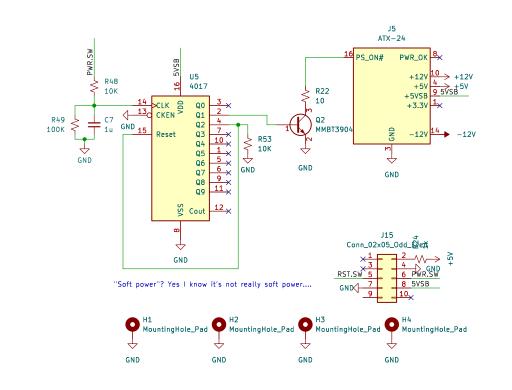




Pico Scan Converter & VGA Connector



"Soft Power", ATX Power Connector, Front Panel Connector & Mounting holes



max1zzz
Sheet: /
File: PLUS Schematic.kicad_sch

Title: ITXPlus — Main Logic Board
Size: D Date: 2025-06-08
KiCad E.D.A. kicad 7.0.9