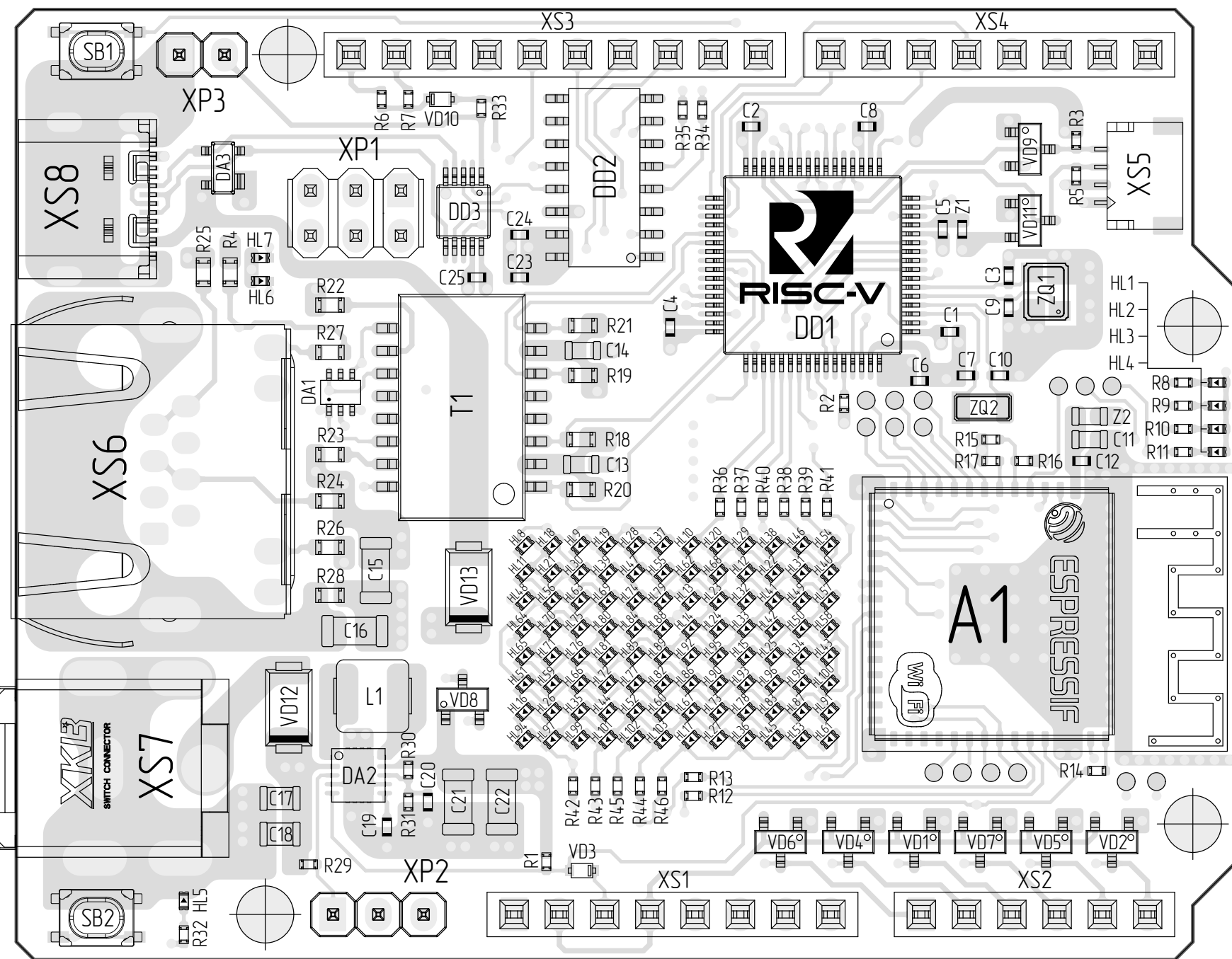


Modules:

Pos.1 A1: ESP32-S3-MINI-1-N8 /Espressif Systems/

Capatitors:

Pos.2 C1, C2, C4, C5, C6, C8, C12, C19, C23, C24, C25: 0.1 uF 0402, TCC0402X7R104J500AT /CCTC/
 Pos.3 C3, C7, C9, C10, C20: 12 pF 0402, TCC0402COG120F500AT /CCTC/
 Pos.4 C11: 1 uF 0603, TCC0603X7R106M6R3CT /CCTC/
 Pos.5 C13, C14: 0.047 uF 0603, TCC0603X7R473K500CT
 Pos.6 C15: 2200 pF 1206, TCC1206X7R222K102FT /CCTC/
 Pos.7 C16: 4700 pF 1206, TCC1206X7R472K102FT /CCTC/
 Pos.8 C17, C18: 10 uF 0805, TCC0805X7R106K250FT /CCTC/
 Pos.9 C21, C22: 22 uF 1206, TCC1206X7R226M160HT /CCTC/



Connectors:

Pos.40 XP1: PLD-6, DS1021-2x3S /Connfly/
 Pos.41 XP2: PLS-3, DS1021-1x3S /Connfly/
 Pos.42 XP3: PLS-2, DS1021-1x2S /Connfly/
 Pos.43 XS1, XS4: PBS-8, DS1023-1x8S21 /Connfly/
 Pos.44 XS2: PBS-6, DS1023-1x6S21 /Connfly/
 Pos.45 XS2: PBS-10, DS1023-1x10S21 /Connfly/
 Pos.46 XS5: SM04B-SRSS-TB(LF)(SN) /JST/
 Pos.47 XS6, RJ-45, KLS12-108-8P8C-1X1-2-R/G-0-01 /KLS/
 Pos.48 XS7: DC Jack, DC-042C-Z-2.0 /XKB Connectivity/
 Pos.49 XS8, USB-C, GT-USB-7010ASV /G-Switch/

ICs:

Pos.10 DA1: TPD4E1U06DCKR /Texas Instruments/
 Pos.11 DA2: TPS63060DSC /Texas Instruments/
 Pos.12 DA3: PRTR5V0U2X /NXP/
 Pos.13 DD1: CH32V307RCT6 /WinChipHead/
 Pos.14 DD2: CH549G /WinChipHead/
 Pos.15 DD3: CH442E /WinChipHead/

LEDs:

Pos.16 HL1, HL2, HL3, HL4, HL5: LED 0402, Green KPHHS-1005ZGC-V /Kingbright/
 Pos.17 HL6: LED 0402, Red, KPHHS-1005SURCK /Kingbright/
 Pos.18 HL7-HL103: LED 0402, Blue, KPHHS-1005QBC-D-V /Kingbright/

Inductors:

Pos.19 L1: 4x4mm, 1uH, IHLP2020BZERR22M01 /Vishay/

Resistors:

Pos.20 R1, R29, R33: 10 kOhm 0402, RC0402FR-0710KL /Yageo/
 Pos.21 R2, R12, R13, R14: 0 Ohm 0402, RC0402FR-070RL /Yageo/
 Pos.22 R3, R5, R6, R7: 4.7 kOhm 0402, RC0402FR-074K7L /Yageo/
 Pos.23 R4: 4.7 kOhm 0603, RC0402FR-074K7L /Yageo/
 Pos.24 R8, R9, R10, R11, R32, R35: 560 Ohm 0402, RC0402FR-07560RL /Yageo/
 Pos.25 R15, R16, R17, R30: 100 kOhm 0402, RC0402FR-07100KL /Yageo/
 Pos.26 R18, R19, R20, R21: 51 Ohm 0603, RC0603FR-0751RL /Yageo/
 Pos.27 R22, R23, R24, R25: 75 Ohm 0603, RC0603FR-0775RL /Yageo/
 Pos.28 R26: 750 Ohm 0603, RC0603FR-07750RL /Yageo/
 Pos.29 R27: 560 Ohm 0603, RC0603FR-07560RL /Yageo/
 Pos.30 R28: 1 MOhm 0603, RC0603FR-071ML /Yageo/
 Pos.31 R31: 18 kOhm 0402, RC0402FR-0718KL /Yageo/
 Pos.32 R34: 750 Ohm 0402, RC0402FR-07750RL /Yageo/
 Pos.33 R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46: 330 Ohm 0402, RC0402FR-07330RL /Yageo/

Buttons:

Pos.34 SB1, SB2: Tact Button, 4x3x2.5mm, KLS7-TS3401- 2.5-180 /KLS/

Transformers:

Pos.35 T1: H1102NL /Pulse Electronics/

Diodes:

Pos.36 VD1, VD2, VD4, VD5, VD6, VD7, VD9, VD11: BAS70-04 /Diodes/
 Pos.37 VD3, VD10: BAS516,115 /NXP/
 Pos.38 VD8: BAS70-05 /Diodes/
 Pos.39 VD12, VD13: SS34F /UMW/

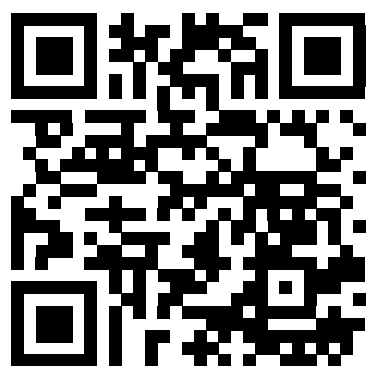
Filters:

Pos.50 Z1: Filter, 0402, BLM15PX601SN1D /Murata/
 Pos.51 Z2: Filter, 0603, BLM18HE152SN1D /Murata/

Crystals:

Pos.52 ZQ1: 3225, 8 MHz, X32258MOB4SI /YXC/
 Pos.53 ZQ2: 3215, 32768 Hz, X321532768KGD2SI /YXC/

SEP-2023



druINO-UNO