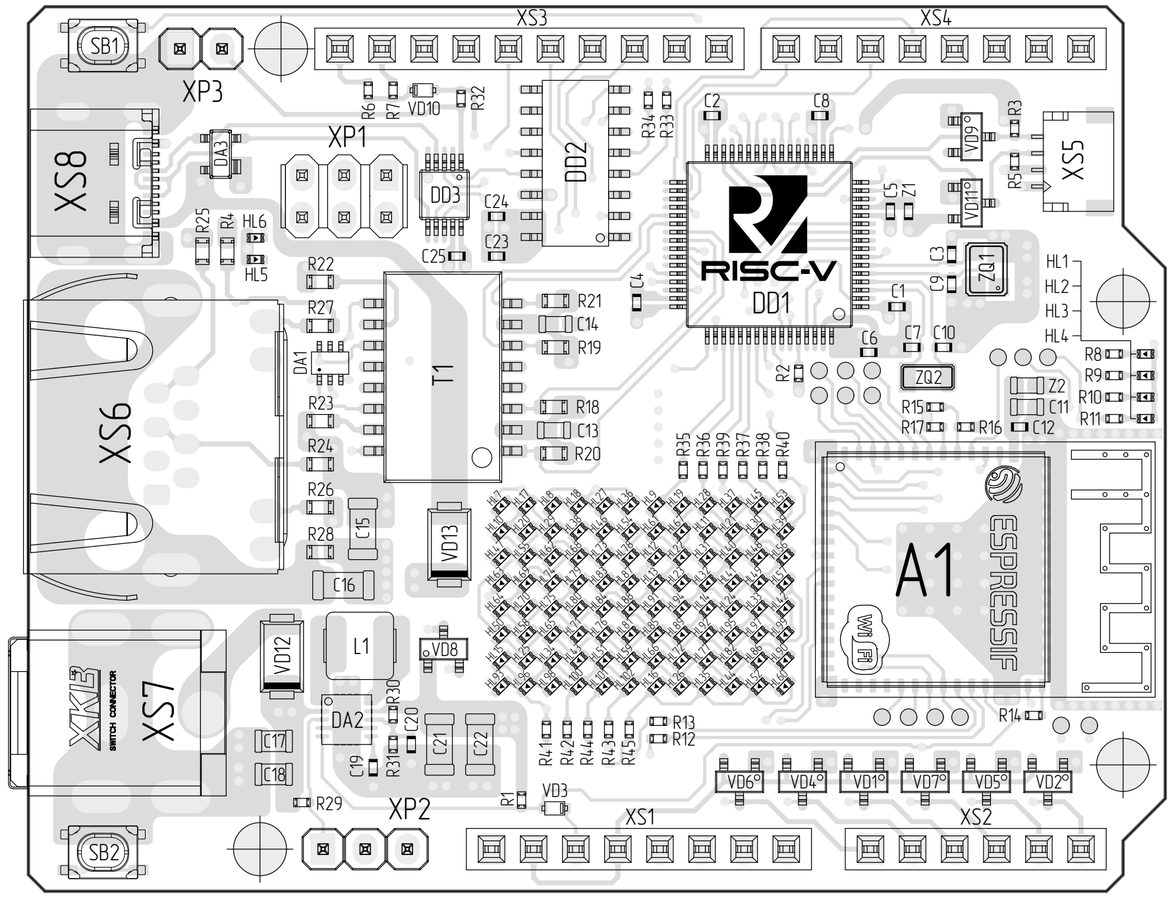
Modules:

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: 12pF 0402, TCC0402COG120F500AT /CCTC/
Pos.4	C11: 1uF 0603, TCC0603X7R106M6R3CT /CCTC/
Pos.5	C13, C14: 0.047uF 0603, TCC0603X7R473K500CT
Pos.6	C15: 2200pF 1206, TCC1206X7R222K102FT /CCTC/
Pos.7	C16: 4700pF 1206, TCC1206X7R472K102FT /CCTC/
Pos.8	C17, C18: 10uF 0805, TCC0805X7R106K250FT /CCTC/
Pos.9	C21, C22: 22uF 1206, TCC1206X7R226M160HT /CCTC/



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: LED 0402, Green KPHHS-1005ZGC-V /Kingbright/
Pos.17	HL5: LED 0402, Red, KPHHS-1005SURCK /Kingbright/
Pos.18	HL6-HL102: LED 0402, Blue, KPHHS-1005QBC-D-V /Kingbright/

Inductors:

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

Resistors:

Pos.20	R1, R29, R32: 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, R34: 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	R33: 750 Ohm 0402, RC0402FR-07750RL /Yageo/
Pos.33	R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45: 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/

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/

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/

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