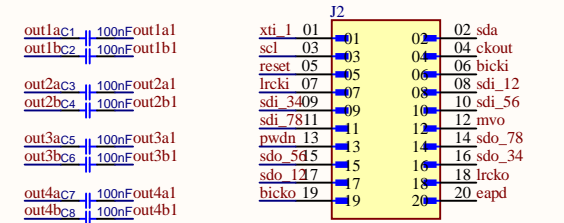
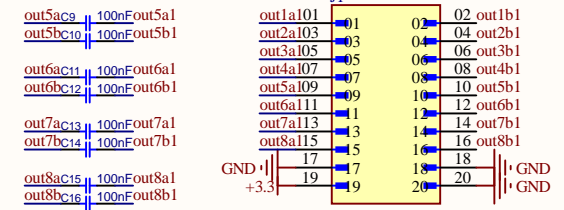
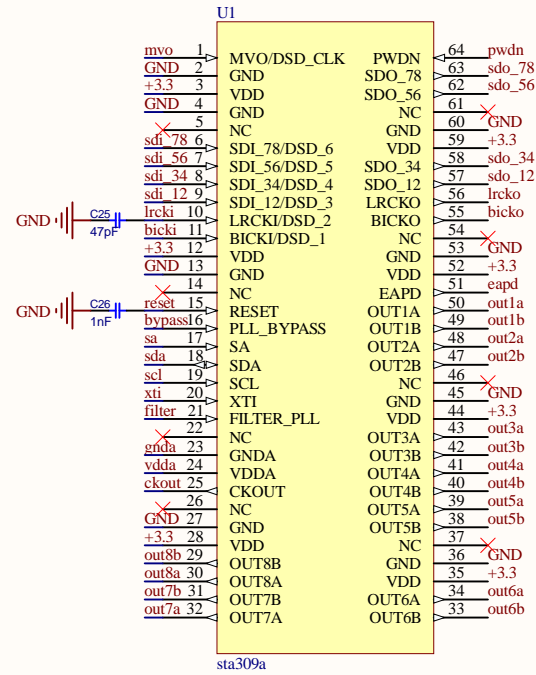


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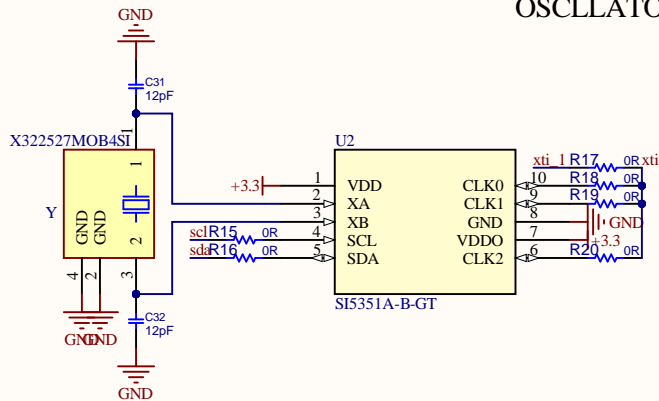
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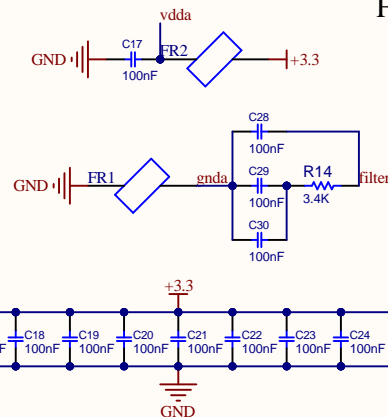
PROCESSOR

IO_PORTS

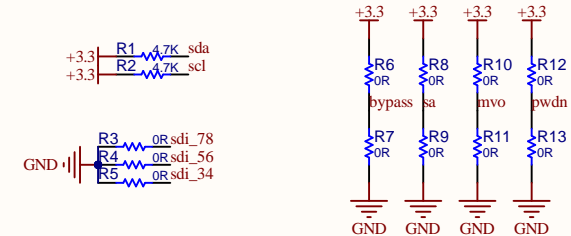
OSCLLATOR



FILTER



SELECTORS



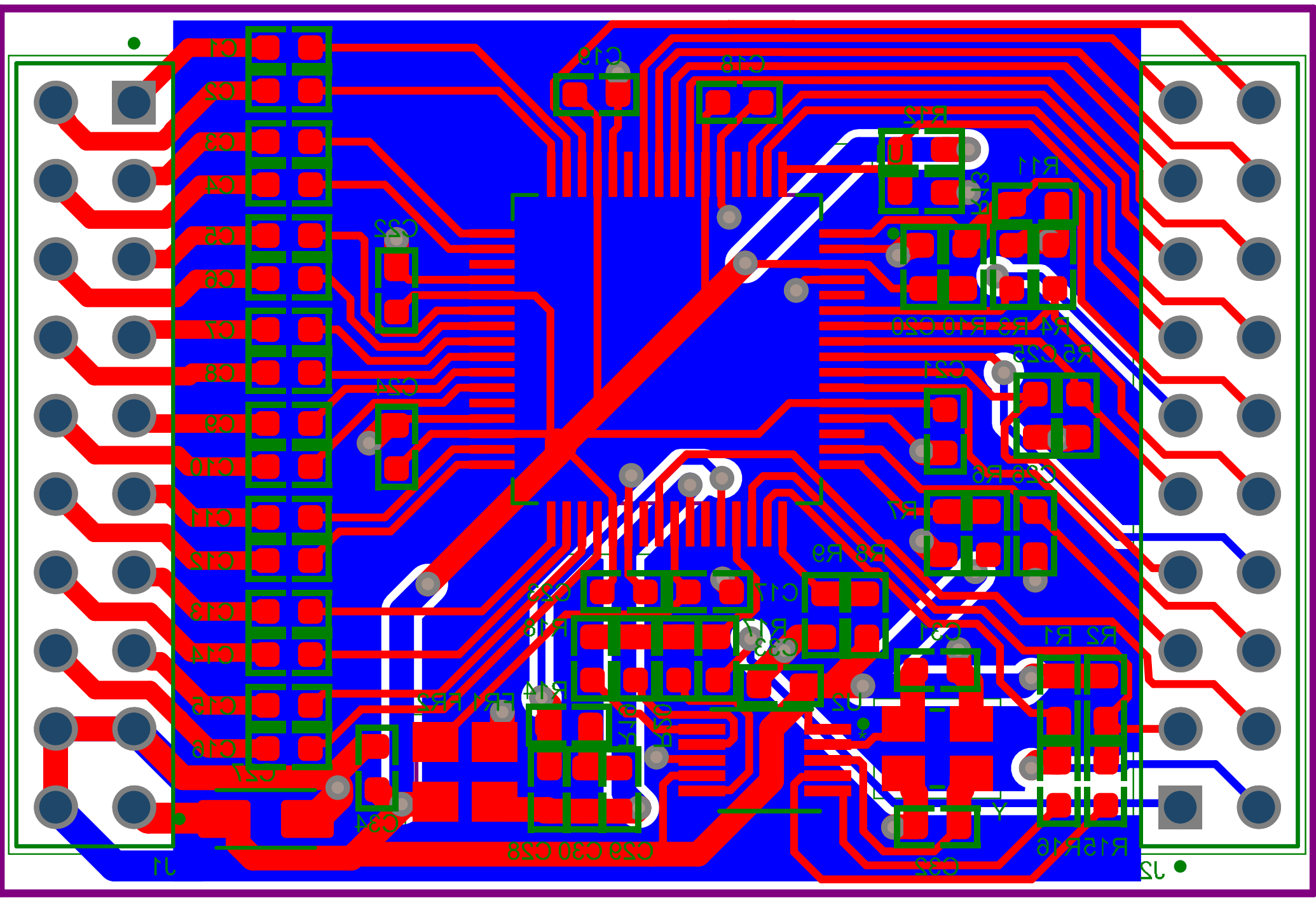
Title		
Size	Number	Revision
A4		
Date:	8/21/2025	Sheet of
File:	D:\projects\...\Sheet1.SchDoc	Drawn By:

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Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	CAP, MLCC	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C28, C29, C30	C0603	CAP_SMD_MLCC_060 3_1	27
47pF	CAP, MLCC	C25	C0603	CAP_SMD_MLCC_060 3_1	1
1nF	CAP, MLCC	C26	C0603	CAP_SMD_MLCC_060 3_1	1
2.2uF	Capacitors Tantalum PCB 4.7uF SMD Tol 10% 10 VDC Case Size 3216 T491 Series KEMET T491A475K010AT	C27	CAPMP3216X180N	T491A475K010AT	1
12pF	CAP, MLCC	C31, C32	C0603	CAP_SMD_MLCC_060 3_1	2
470nF	CAP, MLCC	C33, C34	C0603	CAP_SMD_MLCC_060 3_1	2
MI0805K400R-10	40 Ohms @ 100MHz 1 Power Line Ferrite Bead 0805 (2012 Metric) 1.5A 50mOhm	FR1, FR2	FB_MI0805K400R-10	MI0805K400R-10	2
VMHD-2x10-150-095-030		J1, J2	VALCON_VMHD-2x10-150-095-030	VMHD-2x10-150-095-030	2
4.7K	RESISTOR, SMD	R1, R2	R0603	RES_SMD_0603_1	2
OR	RESISTOR, SMD	R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R15, R16, R17, R18, R19, R20	R0603	RES_SMD_0603_1	17
3.4K	RESISTOR, SMD	R14	R0603	RES_SMD_0603_1	1
sta309a		U1	QFP50P1200X1200X12 0-64N	sta309a	1
SI5351A-B-GT	No Description Available	U2	10MSOP_3X3_SIL	SI5351A-B-GT	1
X322527MOB4SI	16 MHz Â±10ppm Crystal 18pF 60 Ohms 4-SMD, No Lead	Y	XTAL_TSX- 3225_16.0000MF18X- AC3	TSX- 3225_16.0000MF18X- AC3	1