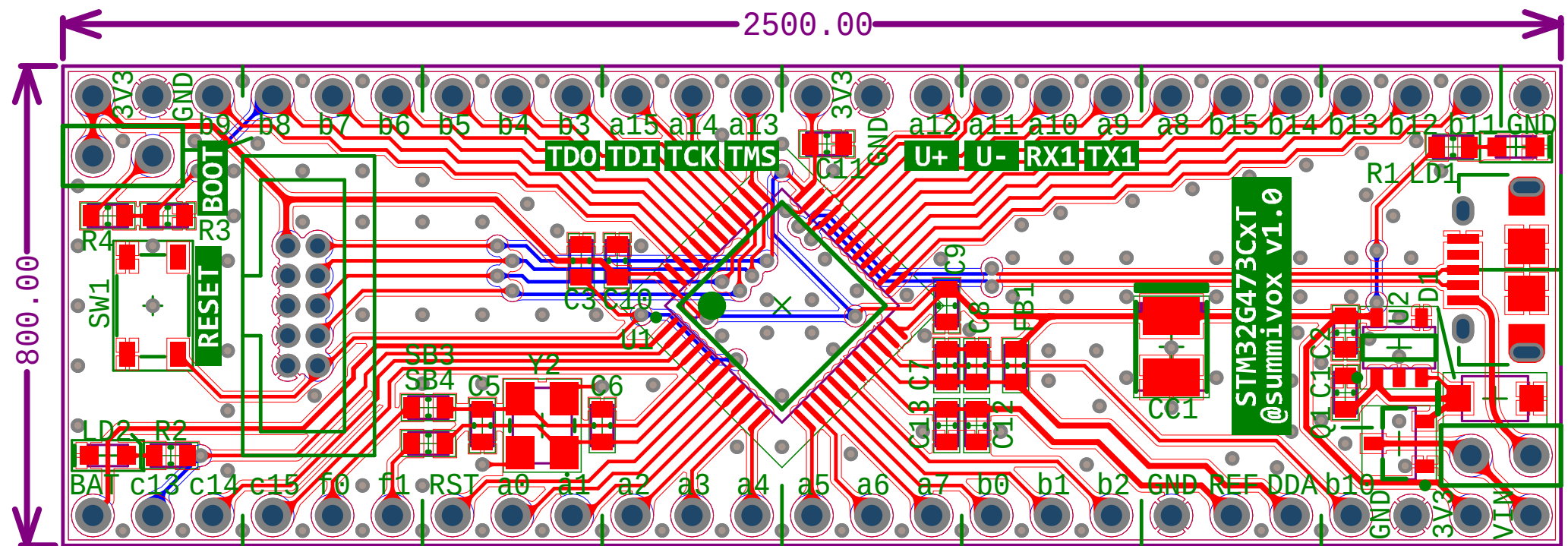
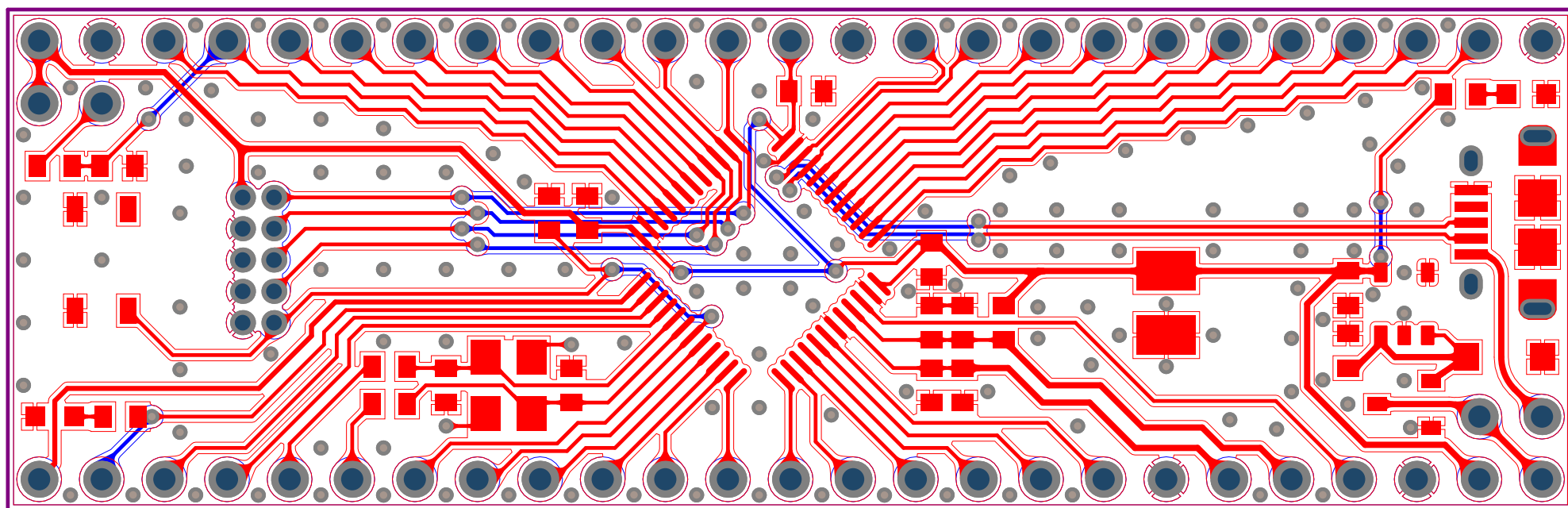
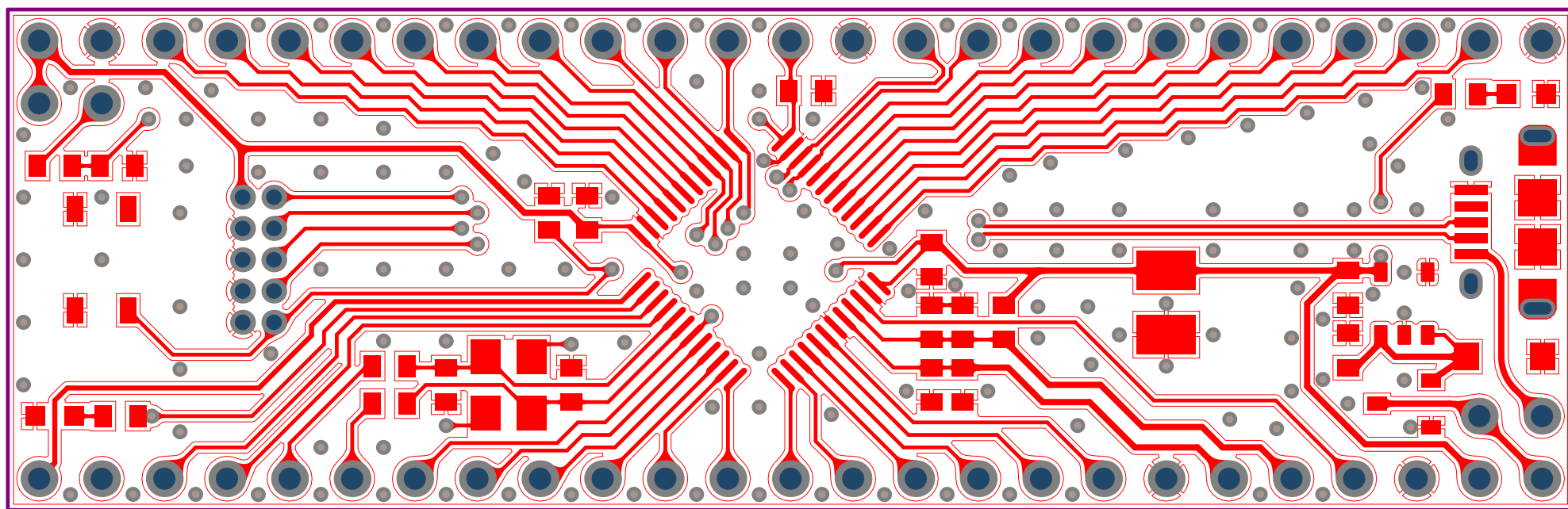
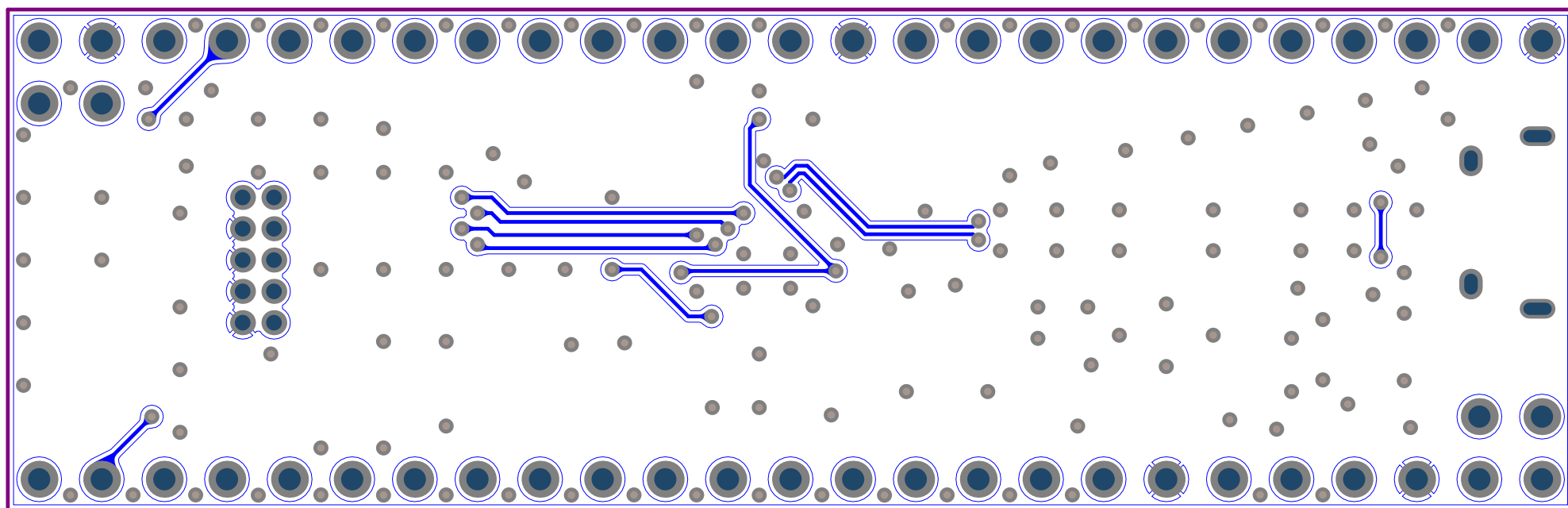
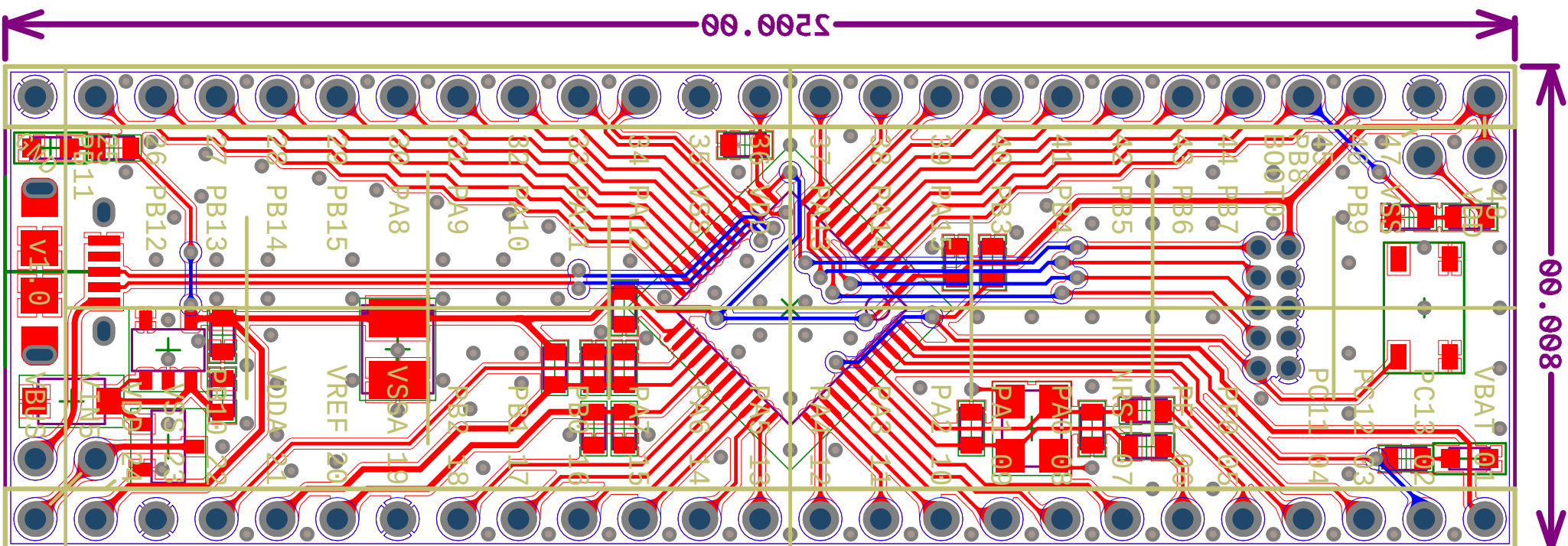












Comment	Quantity	Designator	Description	Footprint	Value
CAPC0603	4	C1, C2, C8, C13	0603 (1608 Metric) Chip Capacitor	CAPC0603(1608)100_L	1uF
CAPC0603	5	C3, C9, C10, C11, C12	0603 (1608 Metric) Chip Capacitor	CAPC0603(1608)100_L	0.1uF
CAPC0603	2	C5, C6	0603 (1608 Metric) Chip Capacitor	CAPC0603(1608)100_L	20pF
CAPC0603	1	C7	0603 (1608 Metric) Chip Capacitor	CAPC0603(1608)100_L	10nF
CAP_TANT_B	1	CC1	Capacitor, Tantalum, MCCT-B (3528)	CAMPMP3529X21L-3	22uF
TVS	1	D1	Transient Voltage Suppression (TVS) Diode	SODFL350X110-2N	
FB	1	FB1	Ferrite Bead	CAPC0603(1608)100_L	
Jumper	2	JP1, JP3	Jumper Wire	HDR1X2	
LED2	2	LD1, LD2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	LED0603	
Header 25	2	P1, P2	Header, 25-Pin	HDR1X25	
PMOS-2	1	Q1	P-Channel Power MOSFET	SOT95P237X112-3L	
RESC0603	2	R1, R2	0603 (1608 Metric) Chip Resistor	RESC0603(1608)_L	68R
RESC0603	1	R3	0603 (1608 Metric) Chip Resistor	RESC0603(1608)_L	47k
RESC0603	1	R4	0603 (1608 Metric) Chip Resistor	RESC0603(1608)_L	1k
Open	2	SB3, SB4	Circuit Breaker	RESC0603(1608)_L	
PTS810	1	SW1	SPST push button	PTS810	
Header 5X2	1	SWD	10-pin (2 rows x 5) keyed shrouded 1.27 mm pitch male pins rectangular connector	JTAG_5x2_12.7	
STM32F473CET6	1	U1	MCU 32-Bit STM32G473 ARM Cortex-M4F RISC 512KB Flash 1.71V to 3.6V 48-Pin LQFP Tray	TSQFP50P900X900X160-48L	
TLV70233DBVR	1	U2	Single Output LDO, 300 mA, Fixed 3.3 V Output, 2 to 5.5 V Input, with Low IQ, 5-pin SOT-23 (DBV), -40 to 125 degC, Green (RoHS & no Sb/Br)	DBV0005A_L	
10118194	1	USB	Micro USB 2.0 B Receptacle, -55 to 85 degC, 5-Pin SMD, RoHS, Tape and Reel	10118194	
Crystal	1	Y2	Crystal Oscillator	XO-3225	16M