











RefDes	Value	Name	Pattern
C1, C2	6.8pF	CAP 0805	0805
C3, C4, C9, C10, C11, C19, C24, C25, C26	0.1	CAP 0805	0805
C5, C6, C7	0.1	CAP 0603	0603
C8	10n	CAP 0603	0603
C12, C13	10u	CAP 0805	0805
C14	22u	CAP-C	CAP-C
C15, C16	10u	CAP100RP	CAPPR-2.54/5.08
C17	10u	CAP-B	CAP-B
C18	0.1u	CAP 0603	0603
C20	1u	CAP 0603	0603
C21	4u7	CAP-B	CAP-B
C22, C23	10n	CAP 0805	0805
J1		JUMPER	HDRF-1x2
L1	100uH	IND_MAGNETIC_CORE1	МЛТ0.125W_R5.08
L2	10uH	IND_1210	IND_1210
R1	10k	RES 0603	0603
R2, R3, R4, R18	10k	RES 0805	0805
R5, R6, R7, R8, R9, R10, R12, R13		RES 0805	0805
R11, R14	2k7	RES 0805	0805
R15	4k7	RES 0603	0603
R16, R17	3k3	RES 0805	0805
R19		RES 0603	0603
R20	filtr	RES 0603	0603
R21, R22	560k	RES 0603	0603
S1		BTN	HDRF-1x2
S2	RDC-CS11127	Encoder	HDRF-1x4
U1	STM32F100C4	STM32F100C4T6B-2	LQFP-48

	cpu.bom		
U2		LP2950ACZ3.3	TO-92R
U3, U4		OUx2 S08	SOIC-8/150mil
U5	DS18B20	DS18B20	HDRF-1x3
U6	AT24c04	AT24Cxx	SOIC-8/150mil
XP2		644456-8	HDRF-1x8
XP3	PWR	644456-3	HDRF-1x3
XP4	SWD	644456-4	HDRF-1x4
XP5	UART	644456-3	HDRF-1x3
XP6	n3310	644456-8	HDRF-1x8
XP7	V_REF	644456-2	HDRF-1x2
XP8	I_REF	644456-2	HDRF-1x2
XP9	V_IN	644456-2	HDRF-1x2
XP10	I_IN	644456-2	HDRF-1x2
XP11	FAN_CTRL	644456-2	HDRF-1x2
Y1	32768	MC306	MC306