

Comment	Description	Designator	Footprint	LibRef	Quantity
		BT1	BT2	Component_1	1
Tantal	Capacitor (Model Sergeev)	C1, C3, C5	3528 - Type B - WA	Cap polar_Vishay Type B	3
Cap Semi	Capacitor (Semiconductor SIM Model)	C2, C4, C6, C7, C8, C10, C11, C13, C14, C15, C16, C17, C18, C19, C20	C0805 - wa	Cap Semi	15
Cap Semi	Capacitor (Semiconductor SIM Model)	C9, C12	C1206	Cap Semi	2
ENCODER		ENC1	ENCODER2	ENCODER	1
Inductor	Inductor	L1	2029	Inductor	1
U1	Three-Terminal Adjustable Output Positive Voltage Regulator	L2	318E-04	LM317MBSTT3	1
SWD	Header, 3-Pin	P1	HDR1X3	Header 3	1
Header 2	Header, 2-Pin	P2	HDR1X2	Header 2	1
Header 12	Header, 12-Pin	P3	HDR1X12	Header 12	1
; 0280BC@@	Header, 9-Pin	P4	HDR1X9	Header 9	1
Resistor 0805		R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21	2012[0805] - wa	Resistor 0805	21
	Three-Terminal Adjustable Output Positive Voltage Regulator	U1	318E-04	LM317MBSTT3	1
REF192GS	2.50V, Precision Micropower, Low-Dropout, Voltage Reference	U2	SO-8_N	REF192GS	1
STM32F100C8T6	STM32 ARM-based 32-bit MCU with 128 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U3	LQFP48_N	STM32F103CBT6	1
x		X1	SOP24 - duplicate	6300 @7JQ<	1
32.768 3F	Crystal Oscillator	Y1	R38	XTAL	1
8 3F		Y2	20@F	20@F	1