

Reference	Qty	Value	DNP	Exclude from BOM	Exclude from Board	Footprint	Datasheet
C5,C6,C9,C10,C11,C12,C14,C15,C20,C21,C22,C23,C24,C25	14	100n				Capacitor_SMD:C_0402_1005Metric	
C7,C8	2	32p				Capacitor_SMD:C_0402_1005Metric	
C13,C17,C18	3	4.7u				Capacitor_SMD:C_0402_1005Metric	
C16,C19	2	1u				Capacitor_SMD:C_0402_1005Metric	
C26	1	1n				Capacitor_SMD:C_0805_2012Metric	
CN1	1	878321420				easyeda2kicad:CONN-SMD_878321420	https://lcsc.com/product-detail/New-Arrivals_MOLEX-8-7832142_C492354.html
D1	1	TSD05				Diode_SMD:D_SOD-323	
F1	1	0458001.DR				Fuse:Fuse_1206_3216Metric	
J1	1	DX07S024XJ1R1100				JAE_DX07S024XJ1R1100:JAE_DX07S024XJ1R1100	
J2	1	Conn_01x05_MountingPin				Connector_JST:JST_SUR_BM05B-SURS-TF_1x05-1MP_P0.80mm_Vertical	
R1,R2	2	5.1k				Resistor_SMD:R_0402_1005Metric	
R3,R4	2	27				Resistor_SMD:R_0402_1005Metric	
R5,R11	2	2.2k				Resistor_SMD:R_0402_1005Metric	
R6,R7,R8,R17	4	10k				Resistor_SMD:R_0402_1005Metric	
R9,R13	2	1k				Resistor_SMD:R_0402_1005Metric	
R10	1	12k				Resistor_SMD:R_0402_1005Metric	
R12	1	470				Resistor_SMD:R_0402_1005Metric	
R14	1	220				Resistor_SMD:R_0402_1005Metric	
R15,R16	2	100k				Resistor_SMD:R_0402_1005Metric	
R18	1	1M				Resistor_SMD:R_0805_2012Metric	
U1	1	FT4232H				Package_QFP:LQFP-64_10x10mm_P0.5mm	https://www.ftdichip.com/Support/Documents/DataSheets/ICs/DS_FT4232H.pdf
U2	1	AT93C56B-MAHM-E				easyeda2kicad:UDFN-8_L3.0-W2.0-P0.50-BL-EP-1	https://www.lcsc.com/datasheet/C2061152.pdf
U3	1	STM32G031K8Ux				Package_DFN_QFN:QFN-32-1EP_5x5mm_P0.5mm_EP3.45x3.45mm	https://www.st.com/resource/en/datasheet/stm32g031k8.pdf
U4	1	TPD4E02B04DQA				Package_SON:USON-10_2.5x1.0mm_P0.5mm	http://www.ti.com/lit/ds/symlink/tpd4e02b04.pdf
U5	1	TPS7A2133PQWDRBRQ1				easyeda2kicad:DFN-8_L3.0-W3.0-P0.65-BL-EP-2	https://www.lcsc.com/datasheet/C21285173.pdf
U6	1	SN74AXC8T245RHLR				easyeda2kicad:VQFN-24_L5.6-W3.6-P0.50-BL-EP	https://www.lcsc.com/datasheet/C2677358.pdf
U9	1	APF3236SEEZGQBKC				easyeda2kicad:LED-SMD_6P-L3.6-W3.2-APF3236SEEZGQBDC	https://www.lcsc.com/datasheet/C6465964.pdf
X1	1	ABM3B-12.000MHZ-B2-T				easyeda2kicad:OSC-SMD_4P-L5.0-W3.2-BL	https://www.lcsc.com/datasheet/C596868.pdf