Reference	Value	Footprint	Qty	MPN
C1,C2,C5,C6,C7	100n	Capacitor_SMD:C_0402_1005Metric	5	
C3,C9,C11	10u	Capacitor_SMD:C_0603_1608Metric	3	
C8	4u7	Capacitor_SMD:C_0402_1005Metric	1	
D1,D2,D3	LED	LED_SMD:LED_0603_1608Metric	3	
H1,H2,H3,H4	MountingHole_Pad	MountingHole:MountingHole_2.7mm_M2.5_DIN965_Pad	4	
J1	Conn_ST_STDC14	Connector_PinHeader_1.27mm:PinHeader_2x07_P1.27mm_Vertical_SMD	1	
J2	Conn_02x20_Odd_Even	Connector_PinHeader_2.54mm:PinHeader_2x20_P2.54mm_Vertical	1	
J3	Conn_02x05_Odd_Even	Connector_PinHeader_2.54mm:PinHeader_2x05_P2.54mm_Vertical	1	
J4,J5,J9	Conn_01x02	Connector_JST:JST_XH_B2B-XH-A_1x02_P2.50mm_Vertical	3	
J7,J8	Conn_01x03	Connector_JST:JST_XH_B3B-XH-A_1x03_P2.50mm_Vertical	2	
Q1,Q2	NMOS	Package_TO_SOT_SMD:SOT-23	2	
R1	10k	Resistor_SMD:R_0402_1005Metric	1	
R2	1k	Resistor_SMD:R_0402_1005Metric	1	
R3,R9	R_Small	Resistor_SMD:R_0402_1005Metric	2	
R4	375	Resistor_SMD:R_0402_1005Metric	1	
R5	250	Resistor_SMD:R_0402_1005Metric	1	
R6	165	Resistor_SMD:R_0402_1005Metric	1	
SW1	SW_SPDT	mesmodules:SW_472121010111	1	472121010111
U1	STM32L412KBTx	Package_QFP:LQFP-32_7x7mm_P0.8mm	1	STM32L412KBT6
U2	~	mesmodules:Buck_17395xx36	1	
U3	LSM6DSM	Package_LGA:LGA-14_3x2.5mm_P0.5mm_LayoutBorder3x4y	1	
U4	AMS1117-3.3	Package_TO_SOT_SMD:SOT-223-3_TabPin2	1	