

STM32_Sensor_V4

Id	Designator	Package	Quantity	Designation	Supplier and ref
13	C1	C_0603_1608Metric	1	1uF	Any
14	C2,C3,C4,C5	C_0603_1608Metric	4	0.1uF	Any
15	C6	C_0603_1608Metric	1	10uF	Any
16	C7	C_0603_1608Metric	1	100nF	Any
17	C8,C9	C_0603_1608Metric	2	10pF	Any
9	J1	PinSocket_1x08_P2.54mm_Vertical_Clear	1	Conn Side	Any, optional
11	J2	PinHeader_1x12_P2.54mm_Vertical_Clear	1	Conn Down	Any, optional
4	J3	PinHeader_1x12_P2.54mm_Vertical_Clear	1	Conn Up	Any, optional
10	J4	PinSocket_1x08_P2.54mm_Vertical_Clear	1	Conn Prog	Any, optional
20	J5	U.FL_Molex_MCRF_73412-0110_Vertical	1	u.FL	https://www.aliexpress.com/item/Free-Shipping-50PCS-U-FL-R-SMT-U-FL-socket-IPEX-IPX-connectors-RF-Coaxial-Connector/32872904554.html
21	JP1	SolderJumper-2_P1.3mm_Bridged_Pad1.0x1.5mm	1	VBAT Jumper	None, part of the pcb
3	R1,R2	R_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	10K	Any
2	R4,R3	R_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	100K	Any
12	SW1	SW_SPST_CK_RS282G05A3	1	SW_Reset	https://www.aliexpress.com/item/100PCS-3X6X2-5mm-Tactile-Push-Button-Switch-Tact-Switch-Micro-Switch-2-Pin-SMD/32672806661.html
1	SW2	SW_SPST_CK_RS282G05A3	1	SW_BOOT	https://www.aliexpress.com/item/100PCS-3X6X2-5mm-Tactile-Push-Button-Switch-Tact-Switch-Micro-Switch-2-Pin-SMD/32672806661.html
18	U1	LQFP-48_7x7mm_P0.5mm	1	STM32F103C8Tx	STM32F103C8T6 or STM32F103CBT6
5	U2	RFM69CW-XXXS2-MINPADS	1	RFM69CW	HopeRF RFM69CW
7	U3	HOPERF_RFM69HW-MINPADS	1	RFM69HW	HopeRF RFM69HW or RFM69W
6	U4	RFM69HCW-XXXS2-MINPADS	1	RFM69HCW	HopeRF RFM69HCW
19	Y1	Seedstudio-32kHz_Crystal-FC135	1	32768 Crystal	https://www.aliexpress.com/item/10PCS-FC-135-32-768K-32-768KHZ-3215-2PIN-SMD-Crystal-Oscillator/32861665912.html
8	Y2	Resonator_SMD_muRata_CSTxExxV-3Pin_3.0x1.1mm	1	8Mhz	https://www.aliexpress.com/item/10PCS-CSTCE8M0V53-R0-SMD-8MHZ-8-00MHZ-CSTCE8-000M-3-20x1-30mm-Crystal-Ceramic-Resonators/32450966424.html