

Designator	Name	Description	Quantity
ALT_VCC, GND1, GND2, GND3	PLS-2	CONN HEADER VERT 2POS 2.54MM	4
B1, B2, B3, B4	M3	Machine Screw, M3	4
C1	22pF	CAP CER 22PF 50V C0G/NPO 0603	1
C2	10uF	CAP CER 10UF 10V X5R 0603	1
C3	4.7uF	CAP CER 4.7UF 10V X5R 0603	1
C4, C5	1uF	CAP CER 1UF 10V X5R 0603	2
HL1, HL2, HL4, HL5	BLUE	0805 BLUE SMD LED	4
HL3	RED	0805 RED SMD LED	1
HL6	GREEN	0805 GREEN SMD LED	1
HL7	CLMVC-FKA-CL1D1L71BB7C3C3	LED, RED/GREEN/BLUE	1
J1	USB4110-GF-A	USB-C (USB TYPE-C) USB 2.0 Receptacle Connector 24 (16+8 Dum	1
J2, J3, J4, J5, J7, J8, J9, J10, USB_5V, VCC_	PLS-2+JUMPER	CONN HEADER VERT 2POS 2.54MM + JUMPER	10
J6	nRF52840_Module_MS88SF3	Bluetooth v5.2 Transceiver Module 2.4GHz PCB Trace Surface Mou	1
L1	VLS3012HBX-2R2M	2.2uH Shielded Wirewound Inductor 3.15A 106mOhm Max Nonstar	1
R1, R3	5.1K	RES 5.1K OHM 10% 1/5W 0603	2
R2, R4, R6, R7, R8, R13	1K	RES 1K OHM 10% 1/5W 0603	6
R5	1M	RES 1M OHM 10% 1/5W 0603	1
R9	300K	RES 300K OHM 1% 1/5W 0603	1
R10	75K	RES 75K OHM 1% 1/5W 0603	1
R11, R12, R14, R15	10K	RES 10K OHM 10% 1/5W 0603	4
R16, R17	R1001N12B1	TRIMMER 10K OHM	2
R18, R19, R20	330R	RES 330 OHM 10% 1/5W 0603	3
R21	0R	RES 0 OHM 10% 1/5W 0603	1
SW1, SW2	IT-1187-160GM-G	5.2x5.2x1.5 Tactile Switch SPST-NO Top Actuated Surface Mount	2
SWD	PLS-4	CONN HEADER VERT 4POS 2.54MM	1
SWD1	MICRO-MATCH FOB.06P_nRF/STM32_SWD	CONN RCPT 6POS 0.1 TIN PCB 215079-6	1
U1	NCP1529MUTBG	1.7MHz, 1A, High Efficiency, Low Ripple, Adjustable Output Voltage	1