





Comment	Description	Designator	Footprint	LibRef	Quantity
1u	MLCC, 0603, 1u, 10%, 50V, XSR	C100	MLCC_0603_M	OMP-001-0565-1	1
100n	MLCC, 0603, 100n, 10% 50V, X7R	C101, C102, C103, C104, C109, C110, C111, C112, C113, C114	MLCC_0603_M	OMP-001-0815-1	10
4.7u	MLCC, 0805, 4.7u, 20% 50V, XSR	C105	MLCC_0805_M	OMP-001-1830-1	1
1n	MLCC, 0603, 1n, 10% 50V, X7R	C106	MLCC_0603_M	OMP-001-0786-1	1
10u	MLCC, 0805, 10u, 10% 50V, XSR	C107	MLCC_0805_M	OMP-001-0829-2	1
TCB226M025R0150	Cap Tant Solid 22uF 25V B CASE 20% (3.5 X 2.8 X 1.9mm) SMD 3528-21 0.15 Ohm 105°C T/R	C108	1210_Tantalum	OMP-0001-00036-4	1
15p	MLCC, 0402, 15p, 10%, 25V, COG/NPO	C115, C116	MLCC_0402_M	OMP-001-1853-1	2
SP0603BAHT	SP0603BA Series 8.5V 30pF Triple Uni-Directional TVS Avalanche Diode-SOT143-4	D100	LFUSOT143-4_V	OMP-ROOT-01259-1	1
Green	Generic green 0603 LED	D101	0603 LED	OMP-ROOT-00024-1	1
Red	Generic red 0603 LED	D102	0603 RED LED	OMP-ROOT-00025-2	1
USB4065-GF-A	USB Connector, 16 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle	J100	FP-USB4065-GF-A-MFG	OMP-001-1800-1	1
S2B-PHK-S(LF)(SN)	Conn Shrouded Header (4 Sides) HDR 2 POS 2mm Solder RA Thru-Hole Box	P102	B6B-PHK-S(LF)(SN)	OMP-ROOT-00728-2	1
8 Pos Vertical Pin Header	Connector Header Through Hole 8 position 0.100" (2.54mm)	P?	8 POS Vertical Pin Header	OMP-ROOT-00235-2	1
5.1k	Resistor, 0603, 5.1k, 1%, 1/10W	R100, R101	Resistor_0603_M	OMP-001-0094-2	2
1M	Resistor, 1206, 1M, 1%, 1/4W	R102	Resistor_1206_M	OMP-0001-00051-1	1
200R	Resistor, 0603, 200R, 1%, 1/10W	R103, R104	Resistor_0603_M	OMP-001-0060-2	2
10k	Resistor, 0603, 10k, 1%, 1/10W	R105, R107, R108, R109, R113, R115	Resistor_0603_M	OMP-001-0101-2	6
100R	Resistor, 0603, 100R, 1%, 1/10W	R106, R110, R111, R112, R114, R116	Resistor_0603_M	OMP-001-0054-5	6
THB001P	Multi-Directional Thumbstick, 2 Axis, Center Momentary Switch, 12VDC, THB Series	S100	THB001P	OMPL-001-A00000-7	1
USLPT2819DT4TR	Keypad Switch, SPST, 0.05A, 1.96N, Solder Terminal, Panel Mount	SI01	USLPT2819DT4TR-Footprint-1	OMP-ROOT-01290-1	1
TL2201EEXB	Pushbutton Switch, DPDT, ON-ON, 100 mA, 30V DC, PC Pin, TL2201 Series	SV100, SV102	TL2201EEXB-Footprint-1	OMP-ROOT-01258-1	2
JS202011CQN	Slide Switch, 1 Positions, Dpdt, Latched, 0.3A, 6Vdc, 6 Pcb Hole Ont, Solder Terminal, Through	SV101	FP-JS202011CQN-MFG	OMP-ROOT-01260-1	1
FS1000A	FS1000A 433MHz RF transmitter & XY-MK-5V Receiver Module	U100	2.54mm 3-pin horizontal	OMP-ROOT-01261-2	1
STM32F103C8T6A	MCU 32-bit STM32F ARM Cortex M3 RISC 32KB Flash 2.5V/3.3V 48-Pin LQFP Tray	U101	STM-LQFP48_M	OMP-00012-1	1
AMS1117-5.0	LDO Regulator Pos 5V 1A 4-Pin(3+Tab) SOT-223 / 1A LOW DROPOUT VOLTAGE REGULATOR	U102	SOT230P700X180-4N	OMP-00014-1	1
ABM11-16.000MHZ-12N1GT	Crystal 16MHz ±10ppm (Tot) ±15ppm (Stability) 12pF FUND 150Ohm 4-Pin Ultra Mini-CSMD T/R	Xtal 100	FP-ABM11-MFG	OMP-ROOT-01254-3	1