

Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	0805 Capacitor	C1, C22	C0805	C0805	2
0.1uF	0805 Capacitor	C2, C23	C0805	C0805	2
100n	0603 Capacitor	C3	C0603	C0603	1
1u	0603 Capacitor	C4	C0603	C0603	1
		C5, C6, C7, C8, C10, C11, C12, C13, C14, C15, C16, C17			
100n	0805 Capacitor		C0805	C0805	12
4u7	0805 Capacitor	C9	C0805	C0805	1
2u2	0603 Capacitor	C18, C19	C0603	C0603	2
		C20_VD1, C20_VD2, C20_VD3, C20_VD4, C20_VD5, C21_VD1, C21_VD2, C21_VD3, C21_VD4, C21_VD5			
1 uF	0603 Capacitor		C0603	C0603	10
		D1_VD1, D1_VD2, D1_VD3, D1_VD4, D1_VD5, D2_VD1, D2_VD2, D2_VD3, D2_VD4, D2_VD5			
824501141	TVS DIODE 14V 23.2V DO214AC		DIODE-SMA	824501141	10
LED	LED	D3	0805LED	LED	1
FERRITE	FERRITE BEAD 0805	FB1, FB2	R0805	FERRITE	2
		P1, P2, P4_VD1, P4_VD2, P4_VD3, P4_VD4, P4_VD5, P5_VD1, P5_VD2, P5_VD3, P5_VD4, P5_VD5, P6			
Molex KK 1x2	1x2 Molex KK Connector		Molex KK 2x1	Molex KK 1x2	13
		P3, P7, P8, P9, P10, P11, P12, P13, P14, P15, P16			
Molex KK 1x4	1x4 Molex KK Connector		Molex KK 4x1	Molex KK 1x4	11
240R	RESISTOR 0805	R1, R5	R0805	R0805	2
390R	RESISTOR 0805	R2	R0805	R0805	1
100	RESISTOR 0805	R3	R0805	R0805	1
1k	RESISTOR 0805	R4	R0805	R0805	1
536R	RESISTOR 0805	R6	R0805	R0805	1
2k	RESISTOR 0805	R7	R0805	R0805	1
Tactile Switch	TL3301AF160QG	SW1	Tactile Switch	Tactile Switch	1
LM317	Linear Voltage Regulator	U1, U4	D-PAK	LM317	2
MC-ARM-STM32F446-LQFP100		U2	STM-LQFP100_N	MC-ARM-STM32F446-LQFP100	1
		U3_VD1, U3_VD2, U3_VD3, U3_VD4, U3_VD5			
	Imported		PowerSO-20	L298P013TR	5
CSTCE8M00	8MHz Ceramic Resonator	Y1	8MHz Ceramic Resonator	CSTCE8M00	1