



Comment	Description	Designator	Footprint	LibRef	Quantity
104	Capacitor	C1, C2, C6, C7, C8, C9, C10, C11, C12, C15, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26	0603C	CAP	20
27pF	Capacitor (Semiconductor SIM Model)	C3, C4	0603C	Cap Semi	2
100u		C14	3216	ELECTRO	1
10u		C15	3216	ELECTRO	1
Diode_SMA	Diode	D1, D3	IN4148	Diode_SMA	2
Header 5	Header, 5-Pin	J1	HDR1X5	Header 5	1
USB_Micro	USB	J2	MICRO_USB - duplicate	USB_Micro	1
JTAG20	Header, 10-Pin, Dual row	J3	IDC20-MY	Header 10X2	1
10K	Semiconductor Resistor	L1, R1, R2, R3, R4, R9, R10, R12, R13, R16, R17	0603R	Res Semi	11
LED_0603_BLUE	LED	LD1, LD2	LED0805	LED_0603_BLUE	2
S8050	NPN General Purpose Amplifier	Q1	SOT23	2N3904	1
PNP	PNP Bipolar Transistor	Q2	SOT-23B_N	PNP	1
220R	RES PACK	RN1, RN2, RN3, RN4, RN6, RN7	RN8-0805	RP4	6
10K	RES PACK	RN5, RN10, RN12	RN8-0805	RP4	3
224	RES PACK	RN8, RN9	RN8-0805	RP4	2
LT1117-3.3	LINER REG	U1	SOT-223	LM1117	1
USBLC6		U2	SOT-23-6L	USBLC6	1
STM32F205RCT6	ARM Cortex-M3 32-bit MCU, 256 KB Flash, 96 KB Internal RAM, 51 I/Os, 64-pin LQFP, -40 to 85 degC, Tray	U3	STM-LQFP64_N	STM32F205RCT6	1
2T45		U10, U11, U12, U13, U14, U15, U16	TSSOP8_44MM_065P	2T45	7
LM324D	Quad Low-Power Operational Amplifier	U17	TSSOP14_44MM_065P	LM324D	1
8MHz	Crystal Oscillator	Y1	XTAL2	XTAL	1