





Comment	Description	Designator	Footprint	LibRef	Quantity
104	Capacitor	C1	0603C	CAP	1
10uf		C2, C4	0805	E	2
10uf	Polarized Capacitor (Radial)	C3	0603C	Cap Pol1	1
Cap	Capacitor	C5, C11, C17	0402-CAP	Cap	3
4.7uF	Electrolytic Capacitor 1	C6, C7	0603C	ELECTRO1	2
8pF	Capacitor	C8, C9	0402-CAP	CAP0805	2
104	Capacitor	C10, C12, C14, C18, C19, C20, C21, C22	0402-CAP	CAP	8
1uf	Polarized Capacitor (Radial)	C13	0603C	Cap Pol1	1
2.2uf	Polarized Capacitor (Radial)	C15, C16, C23	0603C	Cap Pol1	3
LED		D1, D2, D3, D4	0603-LED	LED	4
500MA		F1	PTC-1206	RES	1
USB		J1	MOLEX_MICRO_USB_AB_BOTTOM MOUNT	USB	1
JTAG	Header, 5-Pin	P1	DF13-5P-1.25DSA	Header 5	1
DF13-7P-1.25DSA	Header, 7-Pin	P2	DF13C-7P-1.25V	Header 7	1
DF13-8P-1.25DSA	Header, 8-Pin	P3	DF13C-8P-1.25V	Header 8	1
2N3904	NPN General Purpose Amplifier	Q1	TO-92A	2N3904	1
1K	[NoValue], [NoValue], Resistor, Resistor, Resistor, Resistor, Resistor [NoValue]	R1, R2, R3, R4, R5, R15, R16, R17	0402-RES	RES, RES, Res2, Res2, Res2, Res2, Res2, RES	8
75R	Resistor	R6, R8, R11, R13, R18	0402-RES	Res2, Res2, Res1, Res1, Res2	5
220R	Resistor	R7, R9	0402-RES	Res2	2
10K	Resistor	R10	0402-RES	Res2	1
3K	Resistor	R12	0402-RES	Res2	1
1.5K	Resistor	R14	0402-RES	Res2	1
TAC_SWITCHSMD		S1	EVQP7J01K	TAC_SWITCHSMD	1
NUF2221W1T2		U1	SOT363	NUF2221W1T2	1
82C250T		U2	SO-8N	SN65HVD230D	1
SPX3819-3.3V		U3	SOT23-5	SP6	1
STM32F405RG		U4	LQFP64	STM32F405RG	1
MAX7456EUI		U5	SSOP-28	MAX7456	1
ADG733		U6	TSOP16	ADG733	1
MAX7452		U7	SOIC-SN8_N	MAX7452	1
27MHZ		Y1	27MHZ	晶振3脚	1
8M	7B-8.000MAAJ-T	Y2	OSCILLATOR-3.2X2.5	ZQ_KX12B	1