



Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Capacitor	C1, C4	0603	CAP	2
12pF	Capacitor	C2, C3	0603	CAP	2
1N4148	Diode	D1	LL4148	DIODE	1
SWD	Header, 5-Pin	J1	SIP5_Z1	Header 5	1
VCC	Header, 2-Pin	J2	HDR1X2	Header 2	1
GND	Header, 2-Pin	J3	HDR1X2	Header 2	1
IDC32		J4, J5	IDC32	DIP16X2	2
SW-SPDT	SPDT Subminiature Toggle Switch, Right Angle Mounting, Vertical Actuation	JP1	sip3	SW-SPDT	1
RST		K1	7243	SW-PB	1
Green		LD1	0805-led	LED	1
Red		LD2	0805-LED	LED	1
470k		R1	0603	RES2	1
470		R2, R4	0805R	RES2	2
10M		R3	0603	RES2	1
FS030LK(LQFP32)		U1	ES_LQFP32(7X7-0.8)	FS030LK(LQFP32)	1
SIP8	Single Pin Connector	XS1, XS2, XS3, XS4	SIP8-2.54	SIP8	4
32.768kHz	Crystal	Y1	32K	CRYSTAL	1