

Sheet1

Designator	Package	Value	Quantity
C1,C2,C3,C4,C5,C9,C13,C17,C	C_0805	0.1u	20
C6,C15,C33	C_0805	10u	3
C7,C40	C_0805	10nF	2
C8,C10	C_0805	15pF	2
C20	C_0805	4u7	1
C21,C42,C43	C_0805	1u	3
C23,C29	C_0805	3p3	2
C35	C_0805	.01u	1
C38	C_0805	.1u	1
C30,C36	C_0805	1nF	2
L2	C_0805	10uH	1
L1	C_1206	10uH	1
C12,C19	TantalC_SizeA	33u	2
C11,C14,C16,C18	TantalC_SizeC_	100u	4
F1	Fuse_SMD1206_Reflow	0.5A	1
R1,R2,R3,R10,R16,R17,R18,FR	R_0805	10K	23
R4,R13	R_0805	18E	2
R5,R11	R_0805	200E	2
R6,R7,R8,R9,R51	R_0805	100E	5
R12,R26,R41,R43,R44,R15	R_0805	5K1	6
R20,R30	R_0805	200K	2
R21	R_0805	15K	1
R24,R34,R45	R_0805	1M	3
R27,R36,R47	R_0805	1K	3
R40	R_0805	51k	1
R46	R_0805	51K	1
R48	R_0805	560E	1
R49	R_0805	470E	1
D1,D2	Diode-MiniMELF_Standard	5V6	2
Q1	SOT-23-EBC	2N3906	1
Q2	sot23	BT5551	1
U2	SOIC-14_N	74HC126	1
U7	SOIC-14_N	LM324	1
U8,U10,U13,U16	SOIC-8-N	TL082	4
U6	SOT-223	LM1117-3.3	1
U4	SOT-23-6	TC1240A	1
U14	SM5050	WS2182	1
U5	SOIC-8-N	ICL7660	1
CON1	USB_MINI_B	USB-MINI-B	1

Parts NOT to be assembled

Sheet1

U17	SO-16-N	CH340G	1
U15	ESP12	ESP8266	1
U1	SOIC-20-W	MCP2200	1
U11,U12	SOIC-8-N	6S21	2
U3	TQFP-44	PIC24EP64GF	1
RV1	slider-pot	47K	1
X1	Crystal_HC49-U_Vertical	12MHz	1
U9	MSOP-10-0.5mm-hand	MCP4728	1
P5	myPin_Header_Straight_1x06-csen-cap		1
P1	myPin_Header_Straight_1x08-cCONN_01X08		1
P10	myPin_Header_Straight_1x08-cAnalog		1
P9	myPin_Header_Straight_2x03 U/W-JMP		1
P8	MYPin_Header_Straight_2x10 CONN_02X10		1
P11	mySocket_3x1	47K	1
P7	NRF24-noborder	NRF	1
P3	Pin_Header_Straight_1x10	DIO	1
P6	Socket_Strip_Straight_1x04	I2C	1