Partlist

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Assembly variant:

Part	Value	Device	Package	Library	Sheet
C1	100nf	C0805	0805	capsmd	3
C2	100nf	C0805	0805	capsmd	1
C3	100nf	C0805	0805	capsmd	1
C7	100nf	C0805	0805	capsmd	1
C9	10uf	C0805	0805	capsmd	3
C17	100nf	C0805	0805	capsmd	2
C18	10uf	C0805	0805	capsmd	2
C19	100nf	C0805	0805	capsmd	2
C20	100nf	C0805	0805	capsmd	2
D1	RED	WL-SMCW-150080RS75000-R	0805	Wurth_Elektronik_Optoelectronics_rev15b(1)	3
D2	1N4004	DIODE-DO214AA	DO214AA	diode	2
D7	BLUE	WL-SMCW-150080RS75000-R	0805	Wurth_Elektronik_Optoelectronics_rev15b(1)	2
D8	GREEN	WL-SMCW-150080RS75000-R	0805	Wurth_Elektronik_Optoelectronics_rev15b(1)	2
IC1	MCP2515T-I_SO	MCP2515T-I_SO	SOIC127P1030X265-18N	MCP2515T-I_SO	3
J1	usb_c	0548190519	MOLEX_0548190519	miniusb	2
J2	ICSP	CONN_03X22X3_SILK_MALE_PTH 2X3		SparkFun-Connectors	1
J3	Can	CONN_02	1X02	SparkFun-Connectors	3
J4	masse	CONN_02	1X02	SparkFun-Connectors	3
R2	10k	R-EU_R0805	R0805	resistor	1
R3	10k	R-EU_R0805	R0805	resistor	3
R4	1k	R-EU_R0805	R0805	resistor	3
R5	1k	R-EU_R0805	R0805	resistor	2
R6	1k	R-EU_R0805	R0805	resistor	2
R7	1k	R-EU_R0805	R0805	resistor	2
R8	1k	R-EU_R0805	R0805	resistor	2
R9	120	R-EU_R0805	R0805	resistor	3
S2	DTSM-3	DTSM-3	DTSM-3	switch-tact	1
U$1	CH340G	CH340G	SOIC16	ch340g	2
U1	ATMEGA328-AU	ATMEGA328-AU	QFP80P900X900X120-32N	ATMEGA328-AU	1
U2	TJA1050	TJA1050	SOT96-1	TJA1050	3
X2	JST-XH-03	JST-XH-03-PIN-LONG-PAD	JST-XH-03-PACKAGE-LONG-PAD	Rembrandt Electronics - JST XH Connectors v1-0	3
Y1	12MHZ	CSTCE16M0V53MU	CSTCE16M0V53	CSTCE16M0V53	2
Y4	16MHZ	CSTCE16M0V53MU	CSTCE16M0V53	CSTCE16M0V53	3
Y5	16MHZ	CSTCE16M0V53MU	CSTCE16M0V53	CSTCE16M0V53	1