

Partlist exported from C:/Users/martin/AppData/Roaming/SPB\_16.6/eagle/QuadI

Qty	Value	Device	Package
12		MA03-1	MA03-1
7	100n	C-EUC0805	C0805
3	10k	R-EU_R0805	R0805
4	10u	C-EUC1206K	C1206K
2	12k	R-EU_R0805	R0805
1	16MHz	XTAL/S	QS
1	1X1	1X1	1X1
1	1X4	1X4	1X4
1	1u	C-EUC1206	C1206
3	22k	R-EU_R0805	R0805
2	22p	C-EUC0805	C0805
1	2X3	2X3	2X3
2	2X4	2X4	2X4
2	2k2	R-EU_R0805	R0805
1	52k3	R-EU_R0805	R0805
1	ATMEGA2560-16AU	ATMEGA2560-16AU	QFP50P1600X1600X120-100N
1	DL16-22	L-USL4532P	L4532P
1	GY-86	GY-86	GY-86
1	LD117AS33TR	LD117AS33TR	SOT223
1	LL4148	CGRM4007-G	SOD-123_MINI-SMA
1	MBRS140	MBRS130LT3	SMB
1	MCP16301/H	MCP16301/H	SOT23-6
1	PWR+	LSP10	LSP10
1	PWR-	LSP10	LSP10

### Board v1.1/Scheme\_v1.1.sch at 9. 5. 2017 17:04

Parts	Description
SV1, SV2, SV3, SV4, SV5, SV6, SV7, SV8, SV9, SV10, SV11, SV12	PIN HEADER
C6, C8, C9, C10, C11, C12, C13	CAPACITOR, European symbol
R2, R4, R7	RESISTOR, European symbol
C2, C3, C4, C5	CAPACITOR, European symbol
R8, R9	RESISTOR, European symbol
Q1	CRYSTAL
H2-SSPIN	
H1	
C14	CAPACITOR, European symbol
R6, R10, R11	RESISTOR, European symbol
C1, C7	CAPACITOR, European symbol
H1-PROG/SPI	
H2, H3	
R1, R5	RESISTOR, European symbol
R3	RESISTOR, European symbol
U1	Microcontroller
L3	INDUCTOR, American symbol
GY-86	
IC1	Low drop fixed and adjustable positive voltage regulators 1 A
D1	Molded plasitc,JEDEC SOD-123/Mini SMA
D4	Schottky Power Rectifier
IC2	High-Voltage Input Integrated Switch Step- Down Regulator
LSP1	SOLDER PAD drill 1.0 mm, distributor Buerklin, 12H555
LSP2	SOLDER PAD drill 1.0 mm, distributor Buerklin, 12H555