

## **LL113, V1.2**

### **Liste des composants pour le PCB Main Option IO**

15VAC	Connecteur 2 broches 3.96	
C1	22uF/47uf	Polarisé
C2	100n	
C3	22uF/47uf	Polarisé
C4	100n	
C5	4n7	
C6	100n	
C7	100n	
C8	100n	
C9	100n	
C10	100n	
C11	4n7	
C12	100n	
C13	100n	
C14	100n	
C15	2200uf/35v	Polarisé
C16	2200uf/35v	Polarisé
C17	100n	
C18	100n	
C19	220/35	Polarisé
C20	100/35	Polarisé
C21	100/35	Polarisé
C22	680/35	Polarisé
C23	100n	
C24	100n	
CV_OUT	Connecteur 16 broches droites	
D1	1N4004	
D2	1N4004	
D5	1N4004	
D6	1N4004	
D7	1N5822	
D10	1N4004	
ENC1	Encoder	
EXT__REG	Connecteur Extension 4 Broches 3.96	
IC1	7812TV	+ Radiateur
IC2	74HC595N	+ Support 16 Pts
IC3	LM2596T	+ Radiateur
IC4	4067N	+ Support 24Pts
IC5	MC79M12CT	+ Radiateur
IC6	74HC365N	+ Support 16 Pts
IC7	74HC365N	+ Support 16 Pts
IC8	74HC365N	+ Support 16 Pts
IC9	4067N	+ Support 24Pts
IC10	74HC00N	+ Support 14Pts
IC13	74HC595N	+ Support 16 Pts
JP1		PINHD-2X3
L1	100uh	Inductance

LCD1	LCD 20X4 ERM2004	
LCD2	LCD 40X4 ERM4004	
LCD3	LCD 40X4 ERM4004	
MIDI_IO	Connecteur 16 broches droites	
R1	820R	R 0.6 W
R2	820R	R 0.6 W
R3	820R	R 0.6 W
R4	820R	R 0.6 W
R5	820R	R 0.6 W
R6	820R	R 0.6 W
R7	820R	R 0.6 W
R8	820R	R 0.6 W
R9	820R	R 0.6 W
R10	820R	R 0.6 W
R11	820R	R 0.6 W
R12	820R	R 0.6 W
R13	820R	R 0.6 W
R14	820R	R 0.6 W
R15	820R	R 0.6 W
R16	820R	R 0.6 W
R17	10R	R 0.6 W
R18	8K2	R 0.6 W
R19	8K2	R 0.6 W
R20	8K2	R 0.6 W
R21	33R	R 0.6 W
R22	33R	R 0.6 W
R23	25K	Potentiometre
R24	25K	Potentiometre
R25	25K	Potentiometre
R26	25K	Potentiometre
R27	25K	Potentiometre
R28	25K	Potentiometre
R29	25K	Potentiometre
R30	25K	Potentiometre
R31	25K	Potentiometre
R32	25K	Potentiometre
R33	25K	Potentiometre
R34	25K	Potentiometre
R35	25K	Potentiometre
R36	25K	Potentiometre
R37	25K	Potentiometre
R38	25K	Potentiometre
R39	25K	Potentiometre
R40	25K	Potentiometre
R41	25K	Potentiometre
R42	25K	Potentiometre
R43	25K	Potentiometre
R44	25K	Potentiometre
R45	1K5	R 0.6 W
R46	1K5	R 0.6 W

R47	1K5	R 0.6 W
R48	1K5	R 0.6 W
R49	1K5	R 0.6 W
R50	1K5	R 0.6 W
R51	1K5	R 0.6 W
R52	1K5	R 0.6 W
R53	1K5	R 0.6 W
R54	1K5	R 0.6 W
R55	1K5	R 0.6 W
R56	1K5	R 0.6 W
R57	1K5	R 0.6 W
R58	1K5	R 0.6 W
R59	1K5	R 0.6 W
R60	1K5	R 0.6 W
R61	4K7	R 0.6 W
R62	4K7	R 0.6 W
R63	4K7	R 0.6 W
R64	4K7	R 0.6 W
R65	4K7	R 0.6 W
R66	4K7	R 0.6 W
R67	1M	R 0.6 W
R68	1K5	R 0.6 W
R69	1M	R 0.6 W
R70	10R	R 0.6 W
R71	10R	R 0.6 W
R72	820R	R 0.6 W
R73	820R	R 0.6 W
R74	820R	R 0.6 W
R75	820R	R 0.6 W
R76	820R	R 0.6 W
R77	330R	R 0.6 W
R78	10K	Ajustable multitour
R79	25K	Potentiometre
R80	25K	Potentiometre
R81	25K	Potentiometre
S1..S21	Poussoir Led	
S22	Poussoir Reset	Facultatif
SPI	Connecteur 6 br.	
TR1	10K	Ajustable
TR2	10K	Ajustable
TR3	10K	Ajustable
TRIG_OUT	Connecteur 16 broches droites	
U1	Arduino DUE	