

Liste des composants – séquenceur MIDI v2

12	Circuits Intégrés	
1	Arduino Mega (R3)	Ard1
2	CD4051	U11, U12
8	74HC595	U2, U3, U5, U6, U7, U8, U9, U10
1	6N138	U4

1	Transistors / Régulateurs	
1	7805	U1

74	Diodes / LEDs	
1	1N4007	D1
1	1N4148	D18
64	LED 3 mm (bleu)	D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D43, D44, D45, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56, D57, D58, D59, D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D70, D71, D72, D73, D74
8	LED 5 mm (bleu)	D35, D36, D37, D38, D39, D40, D41, D42

D2 à D17 et D19 à D74 hors platine

121	Résistances	
1	2,2 Ω (5 W)	R3
6	220 Ω (5 %)	R2, R5, R6, R23, R24, R25
73	1 k Ω (5 %)	R1, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81
1	2,2 k Ω (5 %)	R4
40	10 k Ω (5 %)	R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R120, R121, R122, R123, R124, R125, R126, R127

Attention : pas de R114, R115, R116, R117, R118, R119

19	Potentiomètres / Trimmers	
19	Potentiomètre 10 k Ω (linéaire)	RV1, RV2, RV3, RV4, RV5, RV6, RV7, RV8, RV9, RV10, RV11, RV12, RV13, RV14, RV15, RV16, RV17, RV18, RV19

13	Condensateurs	
11	100 nF (polyester / LCC)	C1, C2, C3, C4, C5, C6, C8, C9, C10, C12, C13
2	47 μ F (polarisé)	C7, C11

45	Interfaces	
2	Embase DIN (5 broches)	J12, J33
1	Embase alimentation	J4
40	Bouton poussoir (normalement ouvert)	SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15, SW16, SW17, SW18, SW19, SW20, SW21, SW22, SW23, SW24, SW25, SW26, SW27, SW28, SW29, SW30, SW31, SW32, SW33, SW40, SW41, SW42, SW43, SW44, SW45, SW46, SW47
1	Switch 2 positions (ON-OFF) 2A minimum	SW1
1	LCD 16x2	DS1

N'oubliez pas de rajouter la connectique nécessaire si vous décidez de raccorder le PCB aux interfaces en façade par le biais de câbles débranchables.