

Division 6 Mini Sequesizer BOM

Part #	Qty / Unit	Part Name	Vendor	Vendor Part #
Capacitors				
C1, C5	2	Cap Electrolytic Radial - 10uF 16V	Mouser	667-EEA-GA1C100
C2	1	Cap Ceramic Radial - 1nF	Mouser	581-SR155C102KAR
C3	1	Cap Electrolytic Radial - 100uF 6.3V	Mouser	647-USR0J101MDD
C4, C6	2	Cap Ceramic Radial - .1uF	Mouser	SR155C104KAR
Diodes				
D40	1	1N4148	Mouser	512-1N4148
LEDs				
D1, D35, D36	3	LED 3mm - Red Diffused	LED-Switch	L03RD
D2, D21, D22, D23, D24, D25, D28, D29, D30, D31, D32, D33, D34, D37	14	LED 3mm - Yellow Diffused	LED-Switch	L03YD
D3, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20	17	LED 3mm - Blue Diffused	LED-Switch	L03BD
D4, D39	2	LED 3mm - True Green Diffused	LED-Switch	L03PGD
D26	1	LED 3mm - Orange Diffused	LED-Switch	L03OD
D27	1	LED 3mm - Green Diffused	LED-Switch	L03GD
D38	1	LED 3mm - White Diffused	LED-Switch	L03WDL
Connectors				
J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16, J17, J18, J19	19	Jack, 3.5mm, PCB-Mount, Switched Mono	Modular Addict, synthCube, Thonk	WQP518MA
P3	1	Header 4-Wall - 10 Pin	Mouser	517-30310-6002
PCBs / Panels				
PCB1	1	Mini Sequesizer Main Board	Division 6	MSEQSZCOMBO
PCB2	1	Mini Sequesizer Front Panel	Division 6	MSEQSZCOMBO
Potentiometers				
R1, R2, R3, R4, R5, R6, R8, R9, R10, R11, R12, R13	12	9mm Potentiometer Plastic Pointer Shaft - 10k	Tayda Electronics	A-1850
R7	1	9mm Potentiometer Plastic Pointer Shaft - 1M	Tayda Electronics	A-1864
R14	1	Trim Pot - 1K	Tayda Electronics	A-2509
Resistors				
R15, R37, R38	3	Resistor, 1/8-watt - 4.7k	Mouser	299-4.7K-RC
R16, R36	2	Resistor, 1/8-watt - 510 ohm	Mouser	299-510-RC
R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R35, R39, R40, R41	17	Resistor, 1/8-watt - 1k	Mouser	299-1K-RC
R30, R31, R32, R33, R34	5	Resistor, 1/8-watt - 100 ohm	Mouser	299-100-RC
R42, R43	2	Resistor, 1/8-watt - 100k	Mouser	2---100K-RC
Switches				
S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22, S23	23	Tact Switch - 6mm x 13mm high	Mouser	506-2-1825910-7
ICs				
U1	1	PIC16F1718-I/SP (Preprogrammed)	Division 6	MSEQSZCOMBO
U2	1	PIC16F1788-I/SP (Preprogrammed)	Division 6	MSEQSZCOMBO

Voltage Reg.				
VR1	1	L4931CZ50 (TO-92)	Mouser	511-L4931CZ50-AP
VR2	1	TL431 (TO-92)	Mouser	511-TL431CZ
Hardware				
	2	IC Socket, 0.3" wide, 28 pin	Jameco	112300
	2	Hex Standoff - 0-80 x 3/8"	McMaster-Carr	91780A027
	2	Pan-Head Screw, Zinc - 0-80 x 1/8"	McMaster-Carr	90272A020
	2	Pan-Head Screw, Black - 0-80 x 1/8"	McMaster-Carr	91249A010
	39	LED Spacer - 3mm x 7mm tall	AliExpress	
Power Cable				
	1	1 Foot 10-Conductor Ribbon Cable	Mouser	566-9L26010
	1	10 Pin IDC Connector	Mouser	164-9006-E
	1	16 Pin IDC Connector	Mouser	164-9008-E
Eurorack Screws				
	4	Pan-Head Screw, Black - M3 x 6mm	McMaster Carr	95836A205
	4	Nylon Washer, Black - #4	McMaster Carr	90295A359