

Division 6 Dual Mini Sequencer BOM

Part #	Qty / Unit	Part Name	Package	Vendor	Vendor Part #
Capacitors					
C1-C2	2	10uF Electrolytic Capacitor	TH, Radial	Mouser	647-USA1C100MDD
C3-C4	2	.1uF Ceramic Capacitor	TH	Mouser	21RZ310-RC
LEDs					
D1-16, D36-51	32	LED - Blue Diffused	3mm	LED-Switch	L03BD
D17-21, 24-30, 33, 52-56, 59-65, 68	26	LED - Yellow Diffused	3mm	LED-Switch	L03YD
D22, D57	2	LED - Orange Diffused	3mm	LED-Switch	L03OD
D23, D58	2	LED - Green Diffused	3mm	LED-Switch	L03GD
D31-32, D66-67	4	LED - Red Diffused	3mm	LED-Switch	L03RD
D34, D69	2	LED - White Diffused	3mm	LED-Switch	L03WDL
D35, D70	2	LED - True Green Diffused	3mm	LED-Switch	L03PGD
Diodes					
D71	1	1N4148	TH	Mouser	512-1N4148TR
Connectors					
J1-J12	12	Jack, 3.5mm, PCB-Mount, Switched Mono		Modular Addict, synthCube, Thonk	WQP518MA
P3	1	Header 4-Wall - 10P	TH	Mouser	517-30310-6002
PCBs / Panels					
PCB1	1	Dual Mini Sequencer Main Board		Division 6	DMSEQCOMBO
PCB2	1	Dual Mini Sequencer Front Panel		Division 6	DMSEQCOMBO
Resistors					
R1, R2	2	Trim Pot - 1K	TH	Tayda Electronics	A-2509
R3-7, R16-20	10	Resistor, 1/8-watt - 100R	TH	Mouser	299-100-RC
R8, R12-14, R21, R25-27	8	Resistor, 1/8-watt - 1K	TH	Mouser	299-1K-RC
R9, R22	2	Resistor, 1/8-watt - 510R	TH	Mouser	299-510-RC
R10-11, R23-24	4	Resistor, 1/8-watt - 4.7K	TH	Mouser	299-4.7K-RC
R15, R28-30	4	Resistor, 1/8-watt - 100K	TH	Mouser	299-100K-RC
Switches					
S1-S42	42	Tact Switch - 6mm x 13mm high	TH	Mouser	506-2-1825910-7
ICs					
U1, U2	2	PIC16F1788 (Preprogrammed)	SPDIP-28	Division 6	DMSEQCOMBO
Voltage Reg.					
VR1	1	L4931CZ50	TO-92	Mouser	511-L4931CZ50-AP
VR2, VR3	2	TL431	TO-92	Mouser	511-TL431CZ
Hardware					
	2	IC Socket, 0.3" wide, 28 pin		Jameco	112300
	4	10mm M2.5 Hex Standoff		McMaster-Carr	95947A005
	6	4mm M2.5 Zinc Pan-Head Screw		McMaster-Carr	92005A056
	2	4mm M2.5 Black Pan-Head Screw		McMaster-Carr	95836A251
	70	LED Spacer, 7mm			