

# 8 Step Sequencer BOM

Updated: 06-13-2013

<b>QTY</b>	<b>Part</b>	<b>Reference</b>	<b>Mouser Part #</b>
14	1k $\Omega$ Resistor	R1 – R9, R12, R16 – R19	291-1K-RC
2	10k $\Omega$ Resistor	R14, R15	291-10K-RC
3	100k $\Omega$ Resistor	R10, R11, R13	291-100K-RC
11	0.1 $\mu$ F Ceramic Cap	C2, C3, C5 – C10, C12 – C14	140-50U9-104Z-RC
4	10 $\mu$ F Electro Cap	C1, C4, C11, C15	871-B41002A4106M000
9	5mm LED	D1 – D8, D17	604-WP7113ID
12	1n4148 Diode	D9 – D16, D18 – D21	512-1N4148
1	9v Zener Diode	D22	512-1N4739A
5	14 Pin DIP Socket	IC2, IC3, IC4, IC5	649-DILB14P-223TLF
1	16 Pin DIP Socket	IC1	649-DILB16P-223TLF
1	CD4017 IC	IC1	595-CD4017BEE4
3	CD4093 IC	IC2, IC3, IC5	595-CD4093BE
2	LM324 Op Amp	IC4, IC6	512-LM324N
1	78L09 9v Reg	U1	512-KA78L09AZTA
1	1k $\Omega$ B Pot	Clock Speed (Fine)	858-P160KN0QD15B1K
11	10k $\Omega$ B Pot	CV_LIM1-3, POT1-8	858-P160KN-0QC15B10K
2	1M $\Omega$ B Pot	Clock Speed (Coarse), Random Speed	858-P160KN0QD15B1M
11	SPST Switch	Hold, On/Off, Random, SW1-8	Various Suppliers
1	SPDT Switch	Clock Select	Various Suppliers
3	SPST Push Button (normally open)	Hold, Reset, Step	Various Suppliers
14	1/8" Mono Jacks	Clock In, Clock Out, CV1, CV2, CV3, Step Reset In, RESET1-8	16PJ138
1	9V Battery Clip	9v Battery	12BC310-GR
1	DC jack	DC Jack	Various Suppliers
8	5ft. Wire	Wire	Various Suppliers
1	8 Step Seq. PCB	PCB	Synthrotek