

# Chaos NAND Synth Console BOM

Updated: 5/9/2014

## Resistors:

QTY	Value	Ref.	Mouser Part #	
1	1k $\Omega$	R5	291-1K-RC	<input type="checkbox"/>
4	100k $\Omega$	R1, R2, R3, R4	291-100K-RC	<input type="checkbox"/>

TOTAL: 5

## Capacitors:

QTY	Value	Ref.	Mouser Part #	
4	100nF Ceramic	C1, C2, C3, C4	80-C322C104K5R	<input type="checkbox"/>
1	2.2 $\mu$ F Electrolytic	C5	647-UVR1H2R2MDD	<input type="checkbox"/>
1	100 $\mu$ F Electrolytic	C6	140-RGA101M1EBK0611G	<input type="checkbox"/>

TOTAL: 6

## Diodes:

QTY	Part	Ref.	Mouser Part #	
1	Red LED	D1	604-WP7113ID	<input type="checkbox"/>

TOTAL: 1

## Integrated Circuits:

QTY	Part	Ref.	Mouser Part #	
1	14-Pin Socket	IC1	649-DILB14P-223TLF	<input type="checkbox"/>
1	CD4093 IC	IC1	595-CD4093BE	<input type="checkbox"/>

TOTAL: 2

## Potentiometers:

QTY	Value	Ref.	Mouser Part #	
1	100k $\Omega$ Linear	POT3	858-P160KN0QC15B100K	<input type="checkbox"/>
2	1M $\Omega$ Linear	POT1, POT2	858-P160KN0QD15B1M	<input type="checkbox"/>
1	100k $\Omega$ Audio	POT4	858-P160KN0QC15A100K	<input type="checkbox"/>

TOTAL: 4

## Switches:

QTY	Part	Ref.	Mouser Part #	
1	SPST	SW1	www.led-switch.com Miniature Toggle M101	<input type="checkbox"/>
3	SPDT	SW2, SW3, SW4	www.led-switch.com Miniature Toggle M102	<input type="checkbox"/>

TOTAL: 4

## Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #	
2	1/4" Mono Jack	OUT, CV_Mod	550-10021	<input type="checkbox"/>
1	9V Battery Clip	9V Batt.	12BC312-GR	<input type="checkbox"/>
1	DC Jack	DC Jack	Various Suppliers	<input type="checkbox"/>

TOTAL: 4

## Other:

QTY	Part	Ref.	Mouser Part #	
1	5ft. Wire	Wire	Various Suppliers	<input type="checkbox"/>
1	PCB	PCB	Synthrotek	<input type="checkbox"/>

TOTAL: 2