

Modular Chaos NAND BOM

Updated: 3/30/2015

Resistors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
8	1kΩ	R4, R5, R6, R7, R8, R9, R10, R11	291-1K-RC	<input type="checkbox"/>
3	100kΩ	R1, R2, R3	291-100K-RC	<input type="checkbox"/>

TOTAL: 11

Capacitors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
4	100nF Ceramic	C1, C2, C3, C4	80-C322C104K5R	<input type="checkbox"/>
3	100μF Electrolytic	C5, C6, C7	140-RGA101M1EBK0611G	<input type="checkbox"/>

TOTAL: 7

Diodes:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
2	1N4002	D1, D2	863-1N4002G	<input type="checkbox"/>

TOTAL: 2

Voltage Regulators:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	LM78L09	U0	863-MC78L09ACPG	<input type="checkbox"/>

TOTAL: 1

Integrated Circuits:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
2	14-Pin Socket	U1, U2	649-DILB14P-223TLF	<input type="checkbox"/>
1	CD4093	U1	595-CD4093BE	<input type="checkbox"/>
1	TL074 OpAmp	U2	595-TL074CN	<input type="checkbox"/>

TOTAL: 4

Potentiometers:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
3	30kΩ Linear Trimmer-Pot	TRIM1, TRIM2, TRIM3	531-PT6KV-25K	<input type="checkbox"/>
1	100kΩ Linear	pot3	Various Suppliers	<input type="checkbox"/>
2	500kΩ Linear	pot1, pot2	Various Suppliers	<input type="checkbox"/>

TOTAL: 6

Switches:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
2	SPDT (ON/ON)	SW1, SW4	Various Suppliers	<input type="checkbox"/>

TOTAL: 2

Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
5	Mono Vertical 3.5mm	CV1, CV2, CV3, OUT, SAG IN	PJ301BM (from Synthrotek, Erthenvar, Thonk, etc.)	<input type="checkbox"/>
1	10-Pin Unshrouded Header	-12	649-68692-210HLF	<input type="checkbox"/>

TOTAL: 6

Other:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
3	Optocoupler	LDR1, LDR2, LDR3	Various Suppliers	<input type="checkbox"/>
3	White Davies Knobs	N/A	Various Suppliers	<input type="checkbox"/>
1	10-to-16 Pin Eurorack Power Cable	N/A	Various Suppliers	<input type="checkbox"/>
1	PCB	PCB	Synthrotek	<input type="checkbox"/>
1	Eurorack NAND Panel	N/A	Synthrotek	<input type="checkbox"/>
3	2.5mm Rack Screws	N/A	Various Suppliers	<input type="checkbox"/>
5	3.5mm Nuts	N/A	Various Suppliers	<input type="checkbox"/>
3	Potentiometer Washers	N/A	Various Suppliers	<input type="checkbox"/>
3	Potentiometer Nuts	N/A	Various Suppliers	<input type="checkbox"/>

TOTAL: 23