

CLEE 4U EUCLIDEAN SEQUENCER

Resistors

2	1m5	
4	100k	
1	51k	
9	10K	
1	28k	
5	3k9	
3	1K	
5	330R	
2	220R	
3	Ferite bead	
2	4148 or similar	

Capacitors

4	47uf	Electrolytic
1	330n	
2	100n	mylar, film or similar
5	22p	Ceramic (.1" lead spacing)
10	100n	Ceramic (.1" lead spacing)

ICs

1	TL071P	Op Amp	
1	TL074P	Op Amp	
1	LM393	Comparator	Digikey 296-1398-5-ND
1	MAX7219CNG	Display Driver	Tayda A-1018
1	74HCT04	TTL	
1	7805	5v Positive regulator	
1	Arduino Nano		
1	LED Matrix	Common Cathode	Tayda A-1316

Hardware

3	Rotary Encoder	Encoder	Digikey 987-1398-ND
1	SPDT toggle		Digikey CKN1004-ND
8	banana jack	6 blue, 2 red	Digikey J155-ND (Blue)
2	A4/40 or similar	7/8" screw with 6 nuts	
1	4 pin .156"	male header	Power
57 pins	Male stackable header		Tayda A-197
57 pins*	Female stackable header		Tayda A-196

* enough header for 57 pins (there will be waste when cutting female header)

2	8 pin socket
2	14 pin socket
1	24 pin socket

1	Heatsink	Digikey HS112-ND
1	MIDI jack	Digikey CP-1235-ND