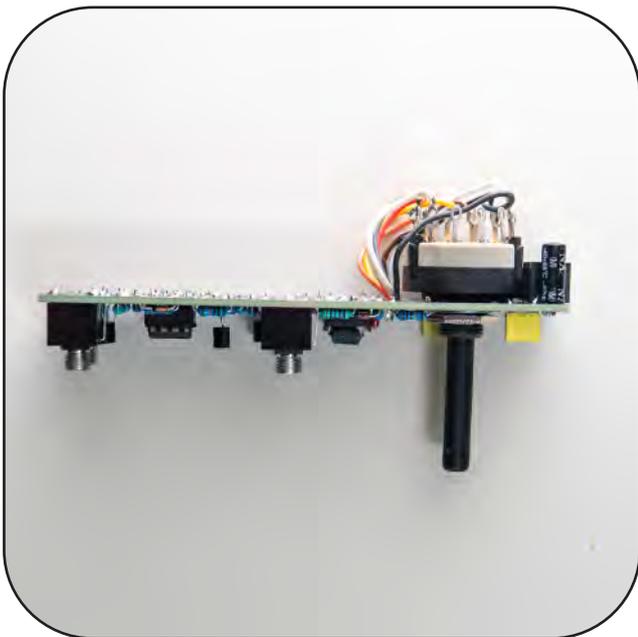


Clock Divider V1.4

This versatile Eurorack module, powered by the iconic 4017 Decade Counter chip, is a must-have tool for creating complex and rhythmic sequences. With its simple yet powerful design, it offers a wide range of clock division options, opening up a world of rhythmic possibilities. Experiment with different divisions to create intricate poly-rhythms, syncopated grooves, and evolving patterns. Whether you're building drum machines, sequencers, or other rhythmic devices, this module will help you bring your musical ideas to life.

Key Features:

- **Versatile Clock Division:** Select from 1/1, 1/2, 1/3, 1/4, 1/5, 1/6, or 1/7 clock divisions using the rotary switch.
- **Original Clock Output:** Maintain the integrity of your original clock signal while deriving divided clocks.
- **Compact 6hp Eurorack Format:** This module fits seamlessly into any Eurorack system, taking up minimal space while delivering maximum functionality.
- **Hand-Screened Front Panel:** Each module features a unique, hand-screened front panel, adding a touch of artisanal craftsmanship to your Eurorack setup.



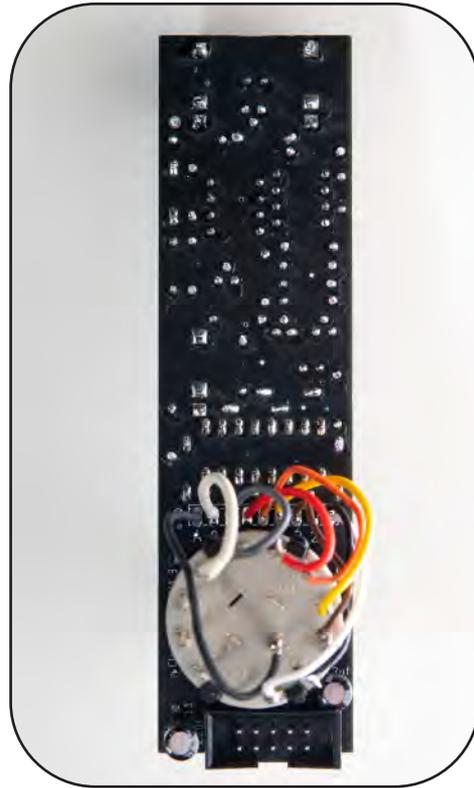


Photo: Clock Divider V1.3

Bom

Qty	Value	Part Number
1	3mm Led	LED1, CLOCKLED
5	100K	R12, R13, R19, R18, R21
2	100nf	C12, C13
1	10K	R11
1	15K	R22
2	1K	R1, R28
1	1M	R17
4	1N4148	D3, D4, D9, D20
1	1N4148D	D18
1	1N4148DO35-7	D21
1	1nf	C3
2	22uf	C10, C11
1	2K	R9
4	2N3904	T1, T9, Q1, Q2
1	3.3M	R23

Bom

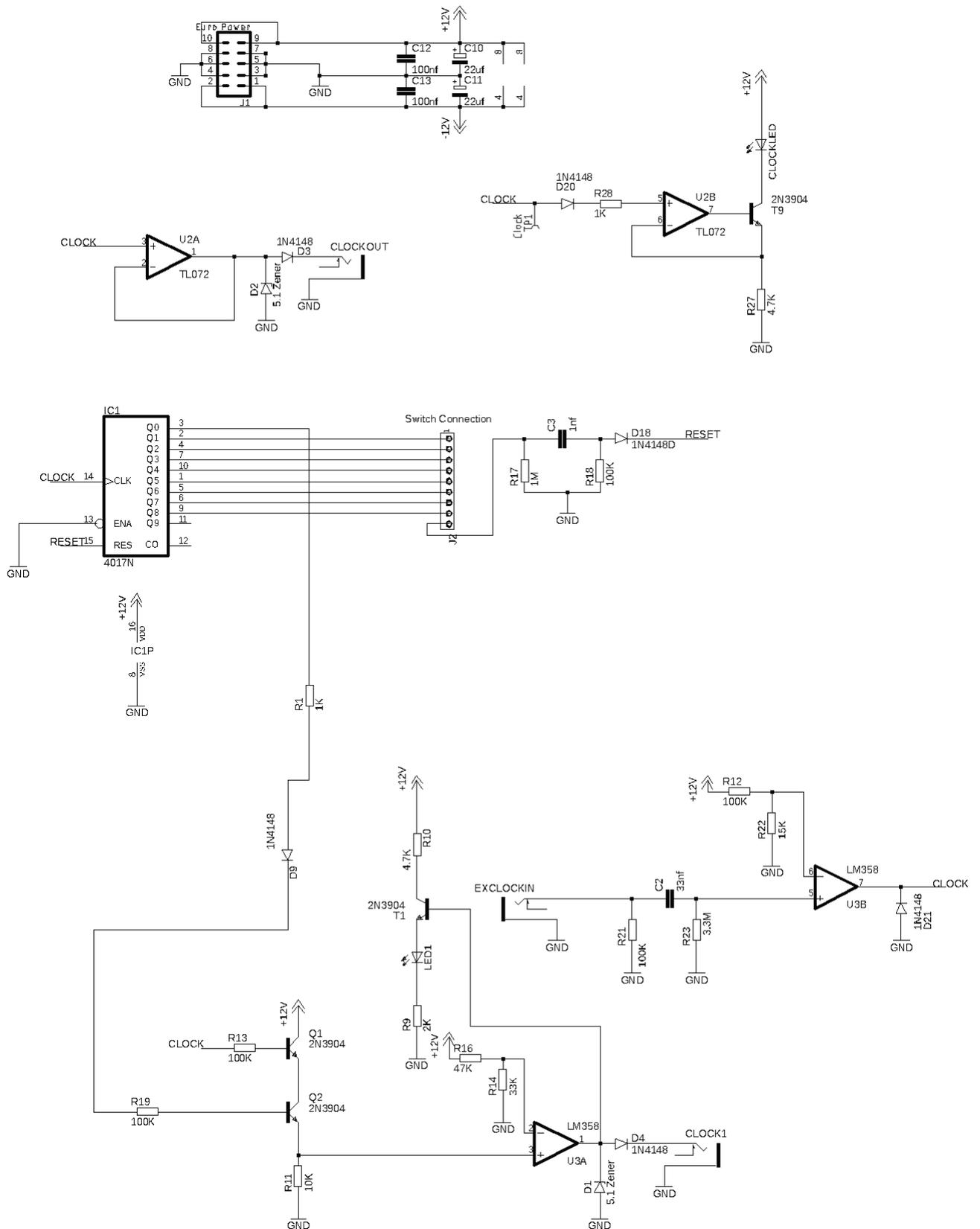
Qty	Value	Part Number
1	33K	R14
1	33nf	C2
2	4.7K	R10, R27
1	4017N	IC1
1	47K	R16
2	5.1 Zener	D1, D2
1	Clock / Test Point	TP1
1	Euro Power	J1
1	LM358	U3
1	Switch Connection	J2
3	TPJM398SM / Jack Socket	CLOCK1, CLOCKOUT, EXCLOCKIN
1	TL072	U2
1	1P12T Rotary Switch	Connect to J2 with hook up wire.

Use capacitors rated 25V or higher.

Calibration

No Calibration is needed.

Schematic



Thanks you for choosinf Guru Gara Synth.
 For more information please contact gurugarasynt@gmail.com