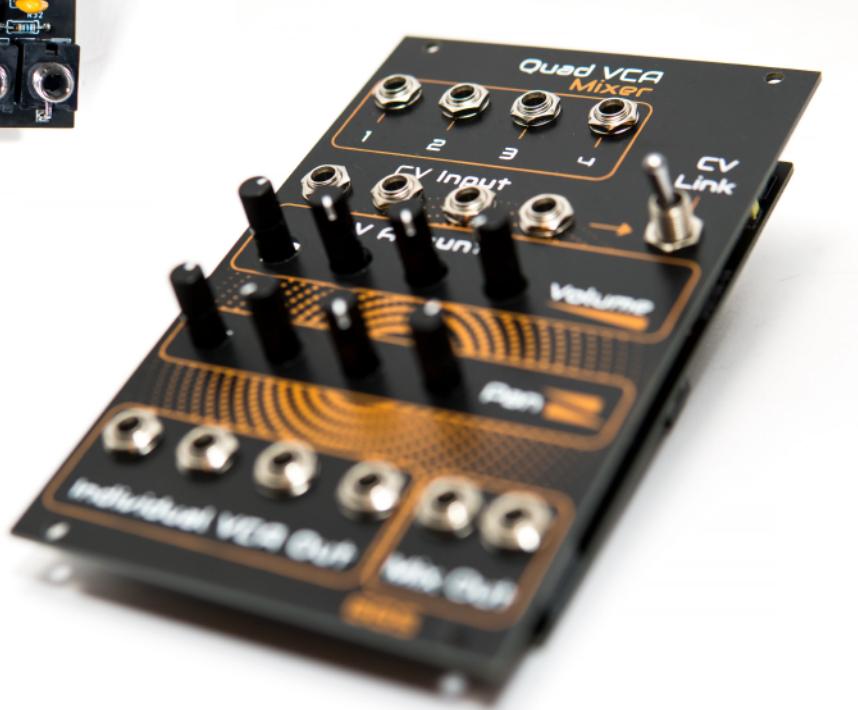


Quad VCA/Mixer V2.4

The Quad VCA/Mixer is a compact and versatile Eurorack module tailored for sound synthesis enthusiasts and sound designers. It features four channels for mixing audio signals, functioning as individual Voltage-Controlled Amplifiers (VCAs) that allow precise control over volume and dynamics through Control Voltage (CV) modulation. Each channel can operate independently, enabling simultaneous processing of multiple sound sources, and individual outputs facilitate routing to other modules or external equipment. The module's stereo output can also serve as two mono group outputs, enhancing routing flexibility. Additionally, a CV link switch streamlines the workflow by linking all CV inputs to a single channel, reducing the need for individual patching. Overall, the Quad VCA/Mixer is an essential tool for both studio and live performances, offering intuitive operation and versatile features for dynamic sound shaping and control.



Quad VCA/Mixer V2.3



Bom

Qty	Value	Part Number
1	10 Pin IDC Socket	Eurorack Power
4	100K	R35, R36, R44, R49
2	100nf	C17, C18
4	100pf	C9, C10, C11, C12
17	10K	R9, R10 , R37, R39, R45, R50, R61, R62, R63, R64 R53, R54, R55, R56, R57, R58, R59, R60
4	1K	R40, R43, R47, R52
16	20k	R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31
2	22pf	C19, C20
2	22uf	C15, C16
4	30k	R11, R12, R13, R14
2	4.7nf	C1, C4
16	47K	R1, R2, R3, R4, R5, R6, R7, R8, R15, R34, R38, R41, R42, R46, R48, R51
2	68K	R32, R33
2	AS3360	IC1, IC2
8	B100K - 9mm Potentiometer	PAN1, PAN2, PAN3, PAN4, VOL1, VOL2, VOL3, VOL4
1	SPDT-ON-ON	CVLINK
14	PJ-301HM - Jack Socket	CV2, CV3, CV4, IN1, IN2, IN3, IN4, OUTL, OUTR, VC1, VCA1, VCA2, VCA3, VCA4
5	TL074	U1, U2, U3, U4, U5
1	6.8K	R10

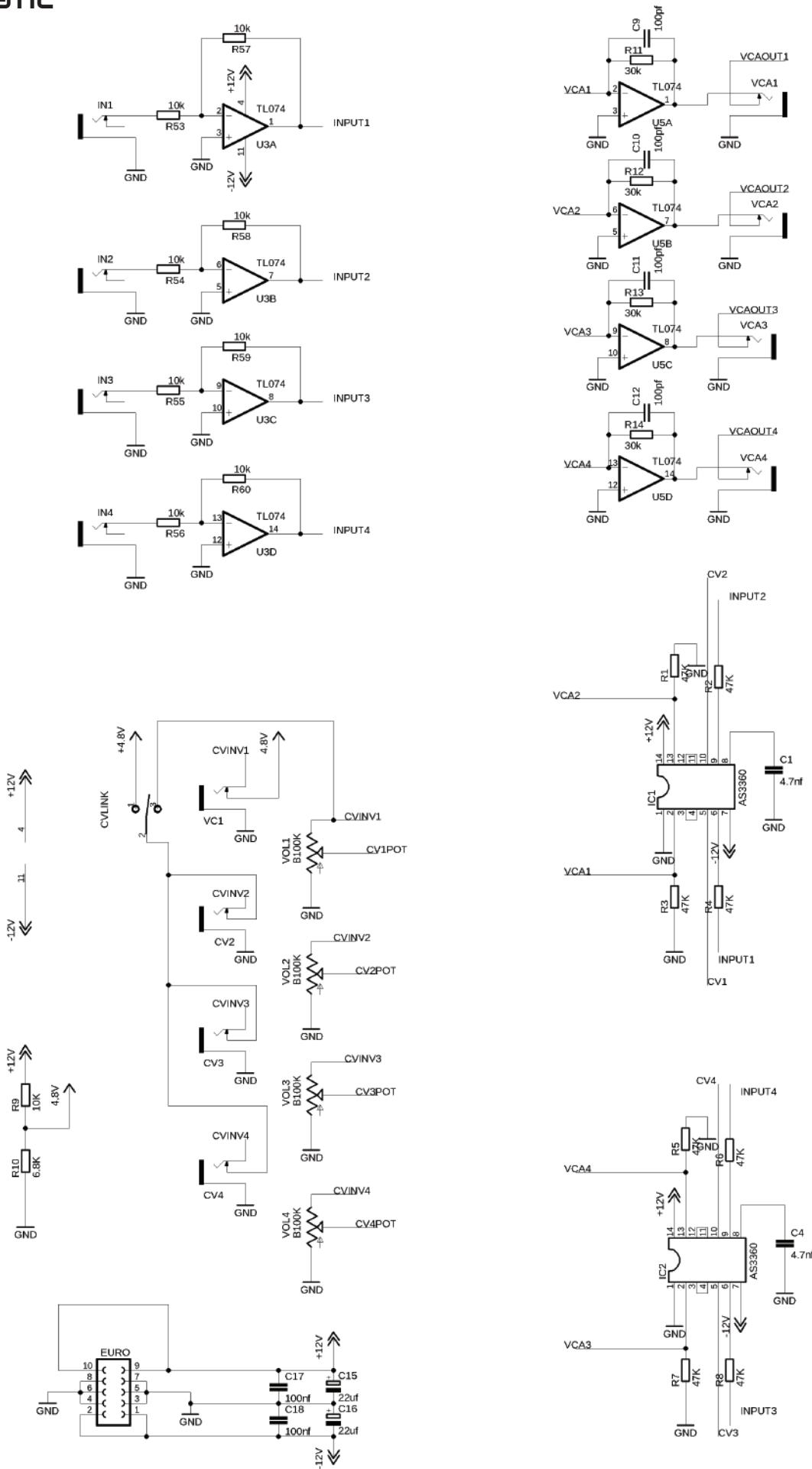
Use capacitors rated 25V or higher.

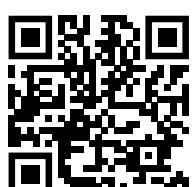
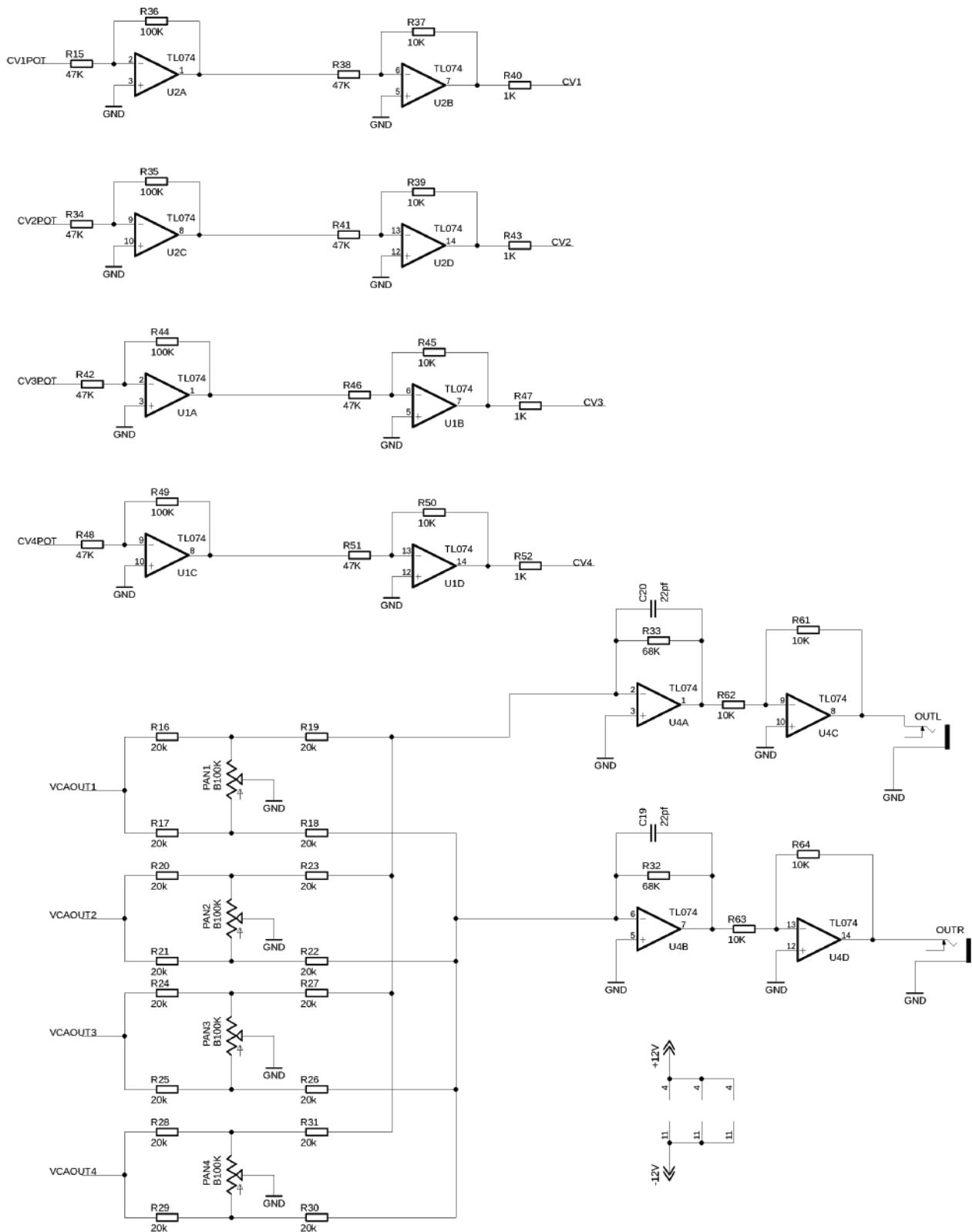
Use ~~6.8K~~ for ~~R10~~.

Calibration

No calibration needed.

Schematic





Thank you for choosing Guru Gara Synth.
For more information please contact gurugarasynth@gmail.com