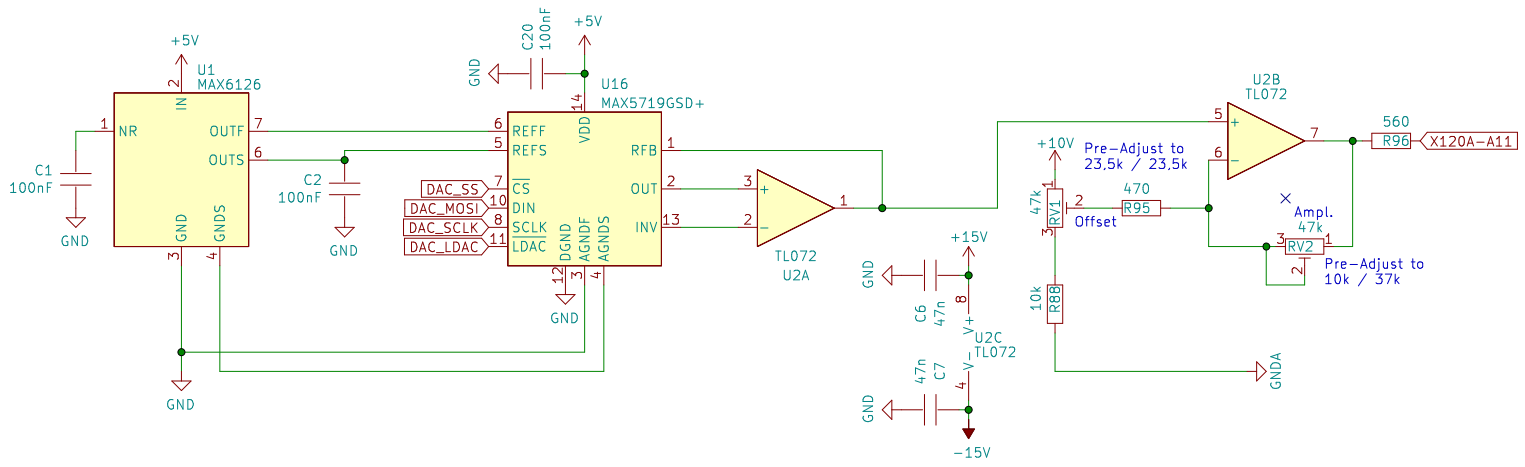
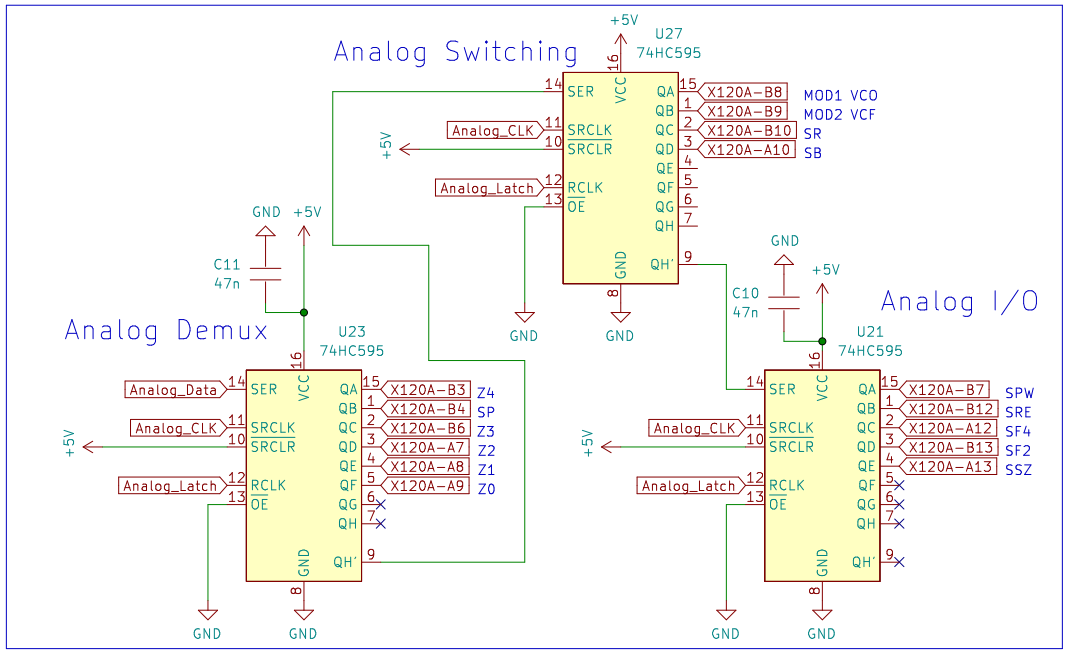
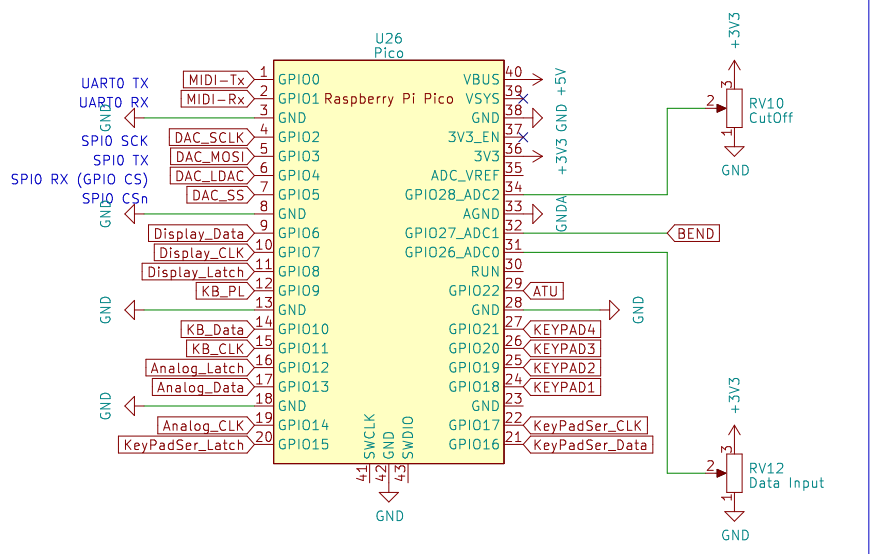
MAX5719 (20Bit)



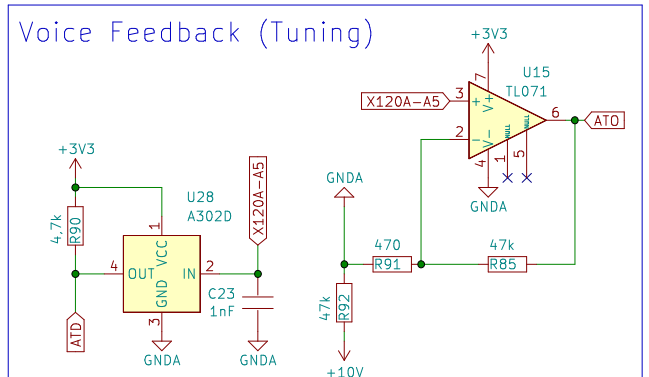
Analog Switching



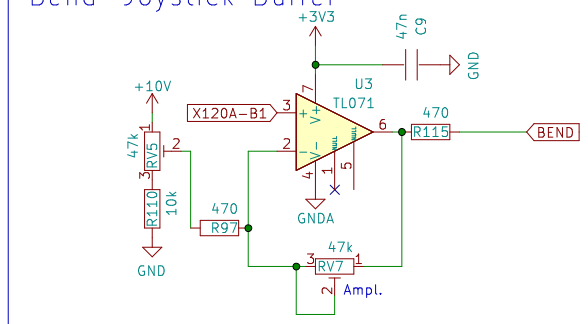
RP2040 Pi Pico Board



Voice Feedback (Tuning)

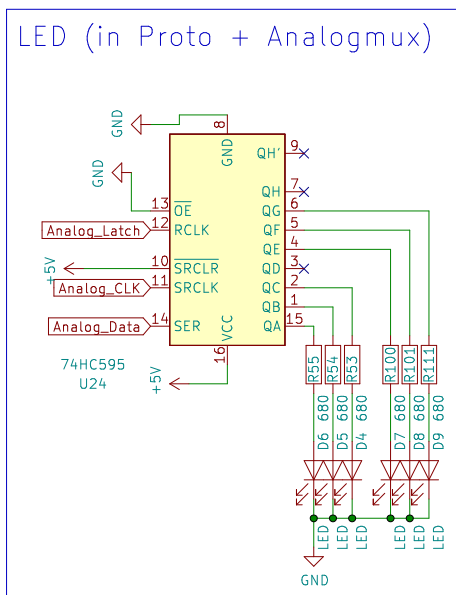


Bend−Joystick Buffer

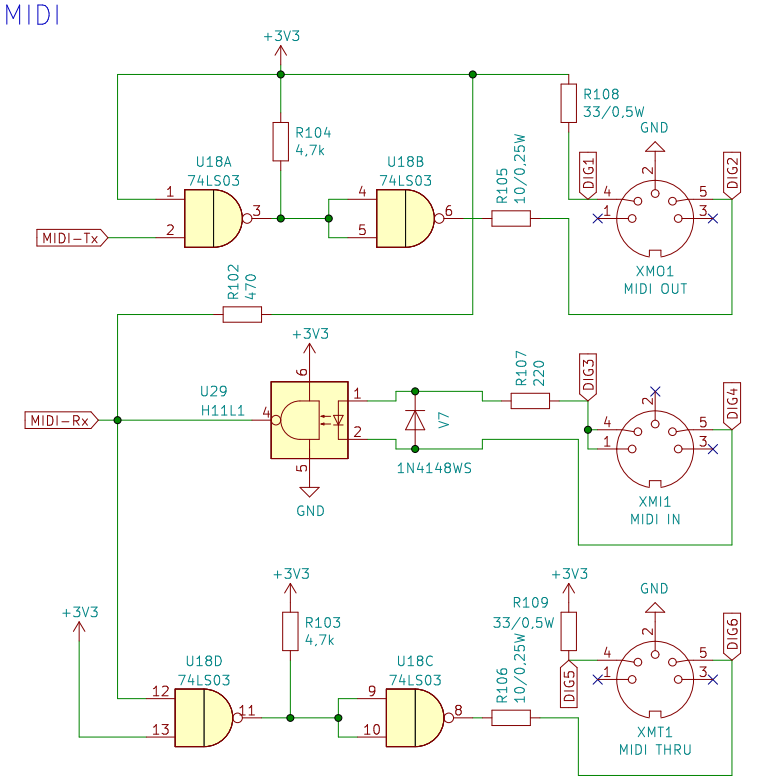


Switching

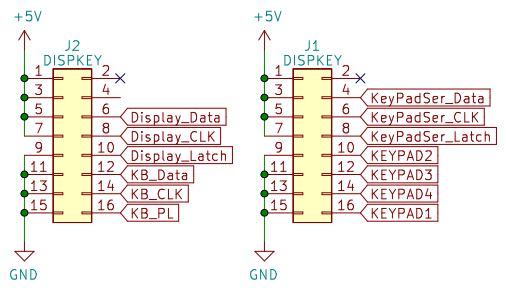
LED (in Proto + Analogmux)



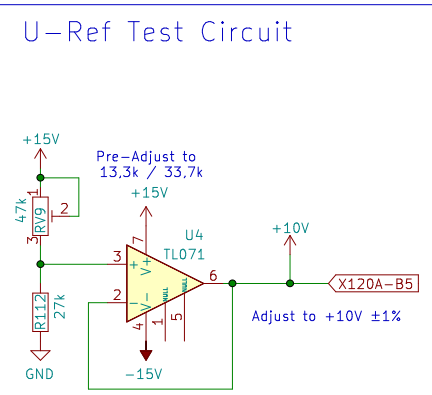
MIDI



Connectors and Voltages

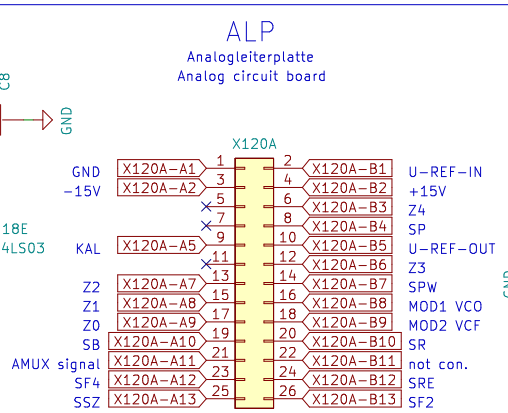


U−Ref Test Circuit



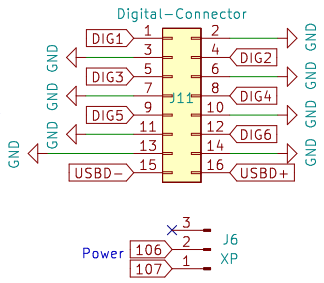
ALP

Analogleiterplatte
Analog circuit board



OLP

Optionalausgangsleiterplatte
Optional output circuit board



ALP Connections

MOD injection into VCO / VCF signal	I/O	MOD1 VCO, MOD2 VCF
VREF switching	I/O	SR, SB
Demux adressing	I/O	Z0, Z1, Z2, Z3, Z4, SP
Enable PWM	I/O	SPW
multiplexed analog signal	Analog	AMUX signal
autotune return	Analog	KAL
	I/O	SSZ, SRE, SF2, SF4

H1 M3−DIN965
H2 M3−DIN965
H5 M3−DIN965
H6 M3−DIN965

RP2040 Raspberry Pi Pico Circuit + MAX5719GSD+

RP2040−Leiterplatte RLP Stromlaufplan

Polyphonic Synthesizer "Tiracon 6v"

Sheet:
File: RLP.kicad_sch

Title:

Size: A3	Date:	Rev: a
KiCad E.D.A. kicad 7.0.1		Id: 1/1