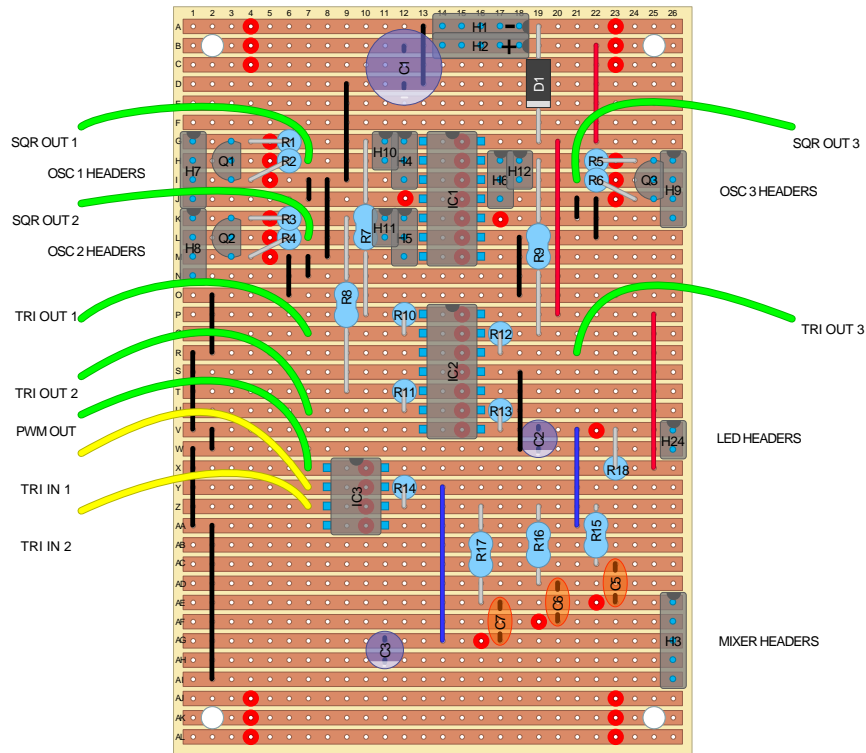


Macumbista Belgian Tripel Workshop Synth

BT-1 : 3 x VCO (SQR/TRI/SAW) + PWM + MIX + PWR

SHEET ONE



Vero Board	26x38 holes, 1mm hole size
C1	470uF 35V (470-1000uF, Low ESR, 10x20mm, bend leads 90 deg to lay flat)
C2	100uF 16V
C3	1uF 16V
C5, C6, C7	100nF
D1	1N4004
Eyelet	3mm mounting hole in each corner
H1, H2, H3	5 pole female header, 2.54mm spacing
H4, H5, H6	3 pole female header, 2.54mm spacing
H7, H8, H9	4 pole female header, 2.54mm spacing
H10, H11, H12, H24	2 pole female header, 2.54mm spacing
IC1	40106 Hex Inverter
IC2	4069UB Hex Inverter
IC3	LM358 Dual Op Amp
Q1, Q2, Q3	2N3904 NPN
R1, R2, R3, R4, R5, R6, R18	1K
R7, R8, R9	33K
R10, R11, R12, R13, R14, R15, R16, R17	100K

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The Belgian Tripel is inspired by the work of Rob Hordijk, Ray Wilson, Elliot Williams, Tim Escobedo, and the monks of Westmalle

Patching connectivity at the ends of the input(YEL) and output (GRN) wires is left up to you. I prefer banana jacks or solder tabs + M3 bolts + crocodile clips