

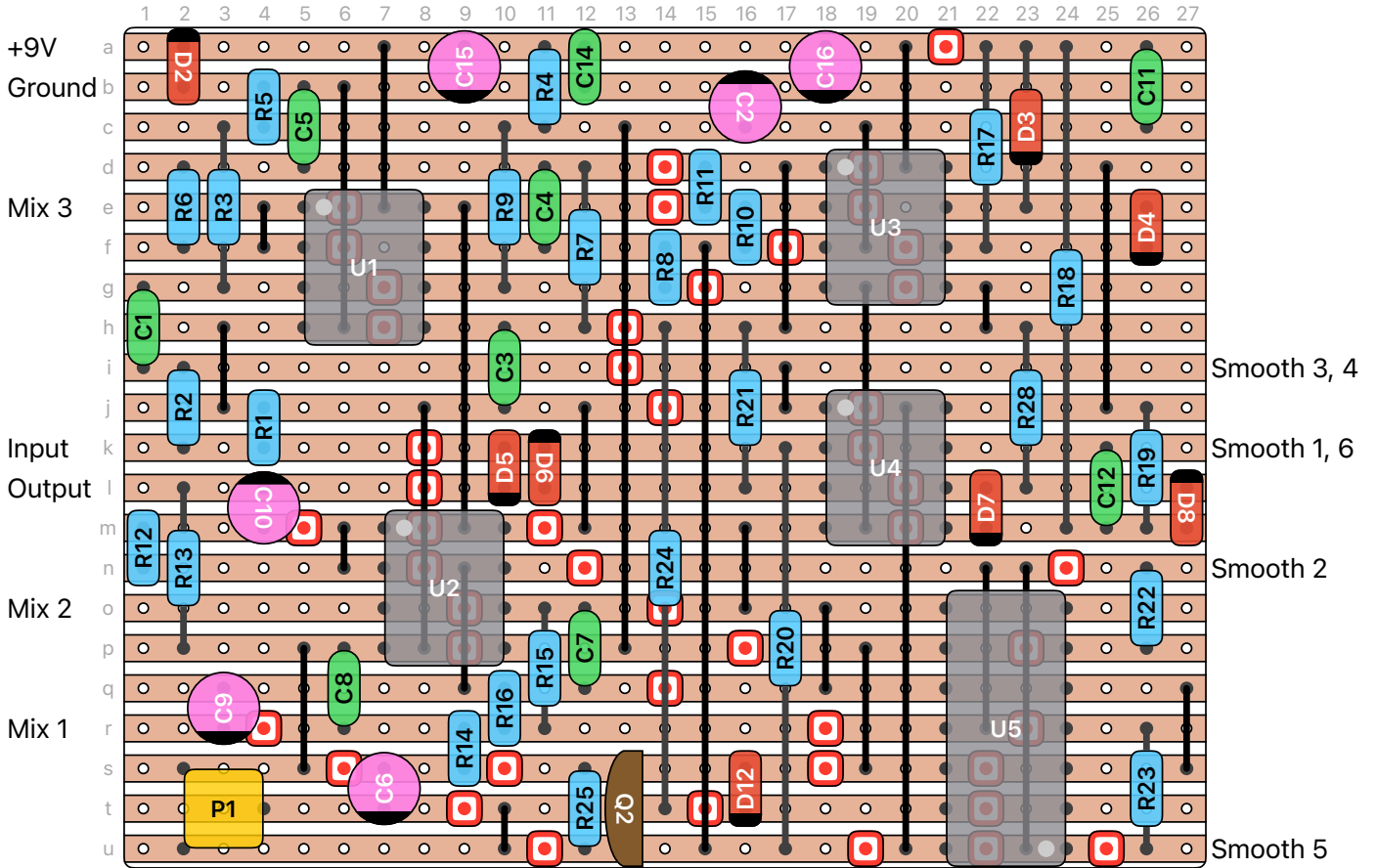
U-boat

Version: 1.0

Date: 19/05/2021

Based on design & schematic by ValveWizard

Author: Harald Sabro



Notes (2)
- Q2 from top to bottom: GSD
- Notice U5 orientation

U-boat	Version: 1.0	Date: 19/05/2021
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Boards (1)

BD1: 27 x 21

Trace cuts (48)

Jumpers (27)

Resistors (26)

R1: 10M

R2: 100

R3: 1M

R4: 1M

R5: 1M

R6: 10k

R7: 10k

R8: 10k

R9: 2k2

R10: 10k

R11: 10k

R12: 100

R13: 100k

R14: 47k

R15: 47k

R16: 47k

R17: 10k

R18: 10k

R19: 10M

R20: 10k

R21: 10k

R22: 10k

R23: 10k

R24: 4k7

R25: 10k

R28: 10k

Capacitors (15)

C1: 100n

C2: 10u

C3: 4n7

C4: 4n7

C5: 22n

C6: 10u

C7: 2n2

C8: 22n

C9: 10u

C10: 10u

C11: 1u

C12: 10p

C14: 100n

C15: 47u

C16: 47u

Diodes (8)

D2: 1N4001

D3: 1N4148

D4: 1N4148

D5: 1N4148

D6: 1N4148

D7: 1N4148

D8: 1N4148

D12: 1N4148

Transistors (1)

Q2: J112

ICs (5)

U1: TL072

U2: TL072

U3: TL072

U4: LM833N

U5: CD4013

Trimmers (1)

P1: 100k

Potentiometers (1)

MIX: B10k

Switches (1)

SMOOTH: DPDT

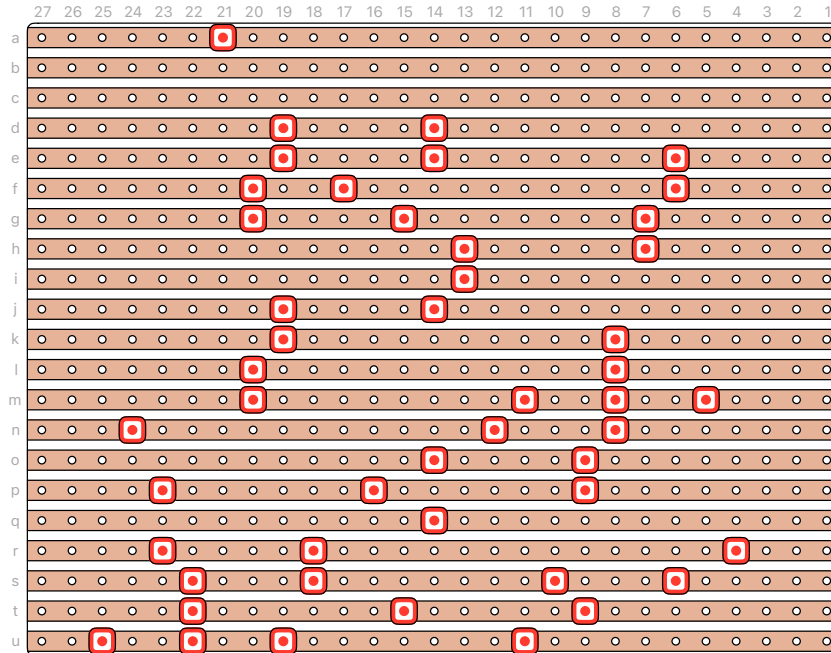
U-boat

Version: 1.0

Date: 19/05/2021

Based on design & schematic by ValveWizard

Author: Harald Sabro



Board size: (27x21)

Trace cut #: 48

Boards (1)

1x (27 x 21)

2x 4n7

Diodes (8)

1x 1N4001

7x 1N4148

Resistors (26)

2x 100

1x 100k

13x 10k

2x 10M

3x 1M

1x 2k2

3x 47k

1x 4k7

Transistors (1)

1x J112

ICs (5)

1x CD4013

1x LM833N

3x TL072

Capacitors (15)

2x 100n

1x 10p

4x 10u

1x 1u

2x 22n

1x 2n2

2x 47u

Trimmers (1)

1x 100k

Potentiometers (1)

1x B10k

Switches (1)

1x DPDT