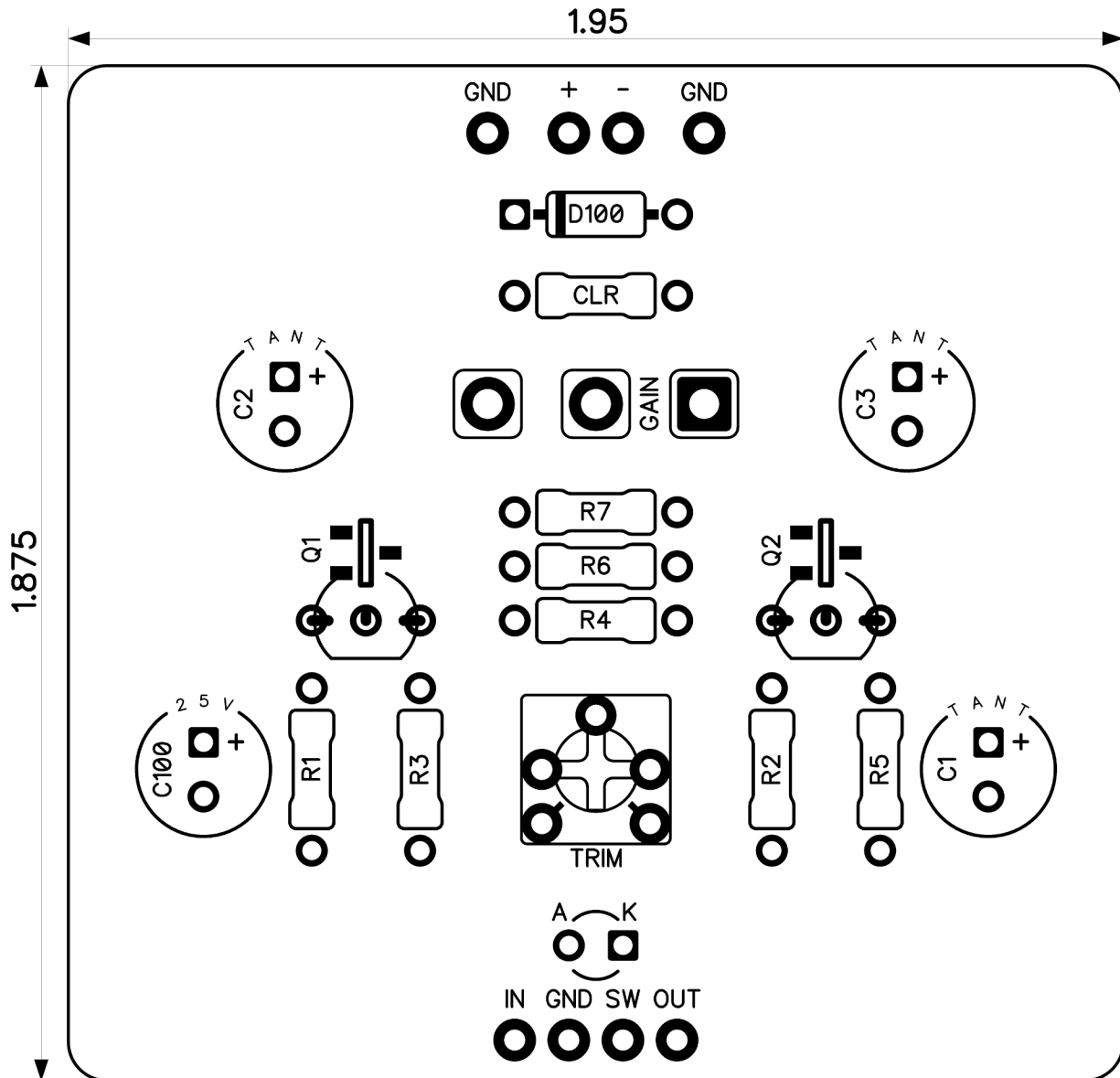


# PedalPCB

## Virile Boost

Revised 12/18/23



## CONTROLS AND FEATURES

- Gain

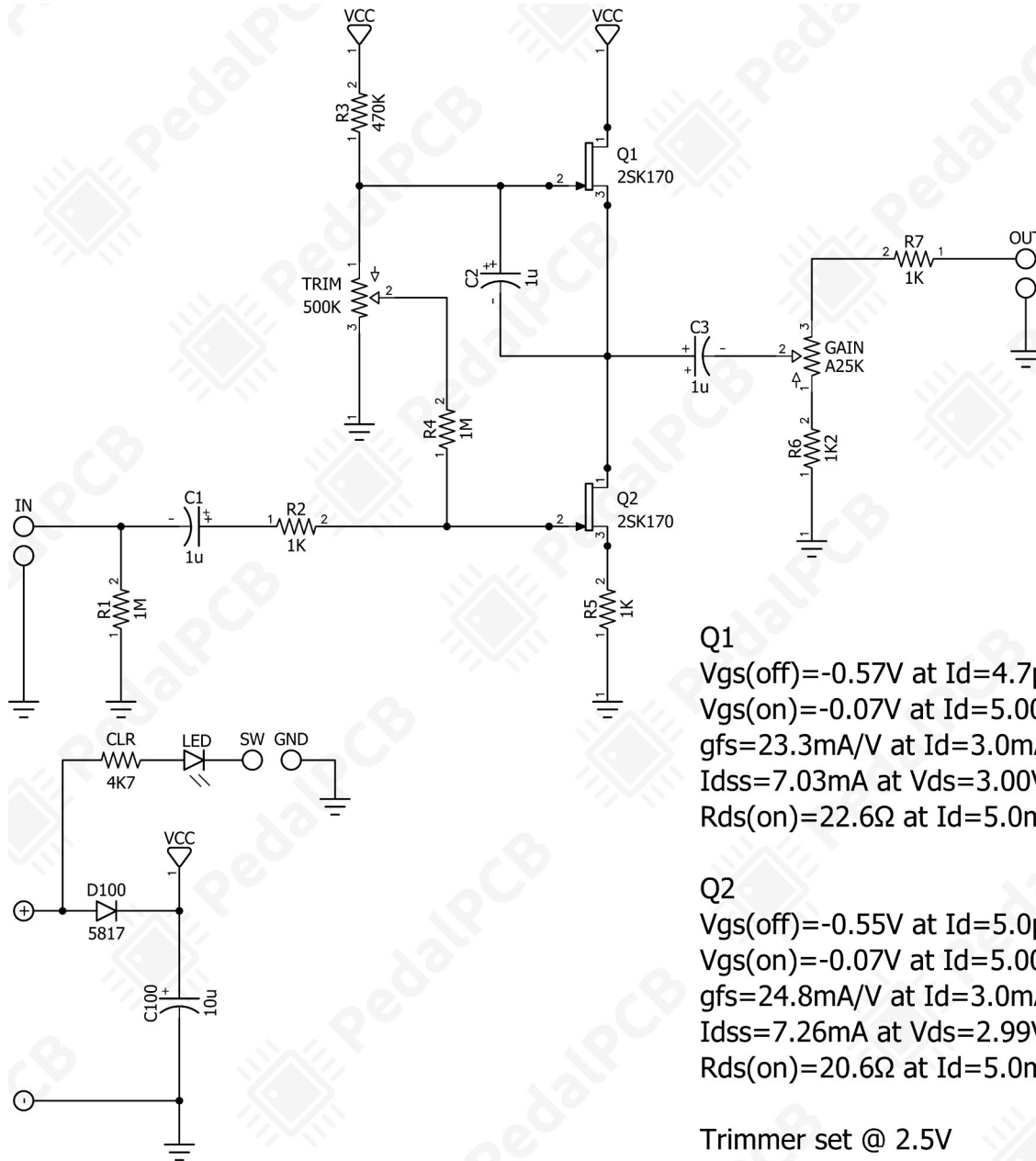
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# Virile Boost

## Parts List (Page 1 of 1)

[illegible]



## Q1

$V_{gs(off)} = -0.57V$  at  $I_d = 4.7\mu A$

$V_{gs(on)} = -0.07V$  at  $I_d = 5.00mA$

$g_{fs} = 23.3mA/V$  at  $I_d = 3.0mA$  to  $5.0mA$

$I_{dss} = 7.03mA$  at  $V_{ds} = 3.00V$

$R_{ds(on)} = 22.6\Omega$  at  $I_d = 5.0mA$  and  $V_{gs} = 0.0V$

## Q2

$V_{gs(off)} = -0.55V$  at  $I_d = 5.0\mu A$

$V_{gs(on)} = -0.07V$  at  $I_d = 5.00mA$

$g_{fs} = 24.8mA/V$  at  $I_d = 3.0mA$  to  $5.0mA$

$I_{dss} = 7.26mA$  at  $V_{ds} = 2.99V$

$R_{ds(on)} = 20.6\Omega$  at  $I_d = 5.0mA$  and  $V_{gs} = 0.0V$

Trimmer set @ 2.5V

