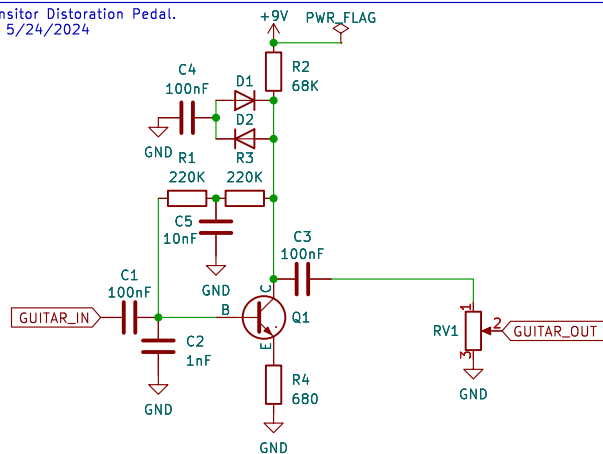


Single Transistor Distortion Pedal.  
LAST EDIT: 5/24/2024



Application Notes:

- 1) Begins with a low pass filter to block out high frequency noise.
- 2) R1 and R3 cause negative feedback.
- 3) Diodes act as the clippers and causes the distortion.
- 4) R4 there for negative feedback to control gain.
- 5) C3 for output impedance.
- 6) RV1 controls volume.

Strahinja Marinkovic

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File: SingleTransistor.kicad\_sch

**Title: Single Transistor Guitar Pedal**

Size: A4

Date: 2024-05-24

Rev: 1.1

KiCad E.D.A. kicad 7.0.2

Id: 1/1