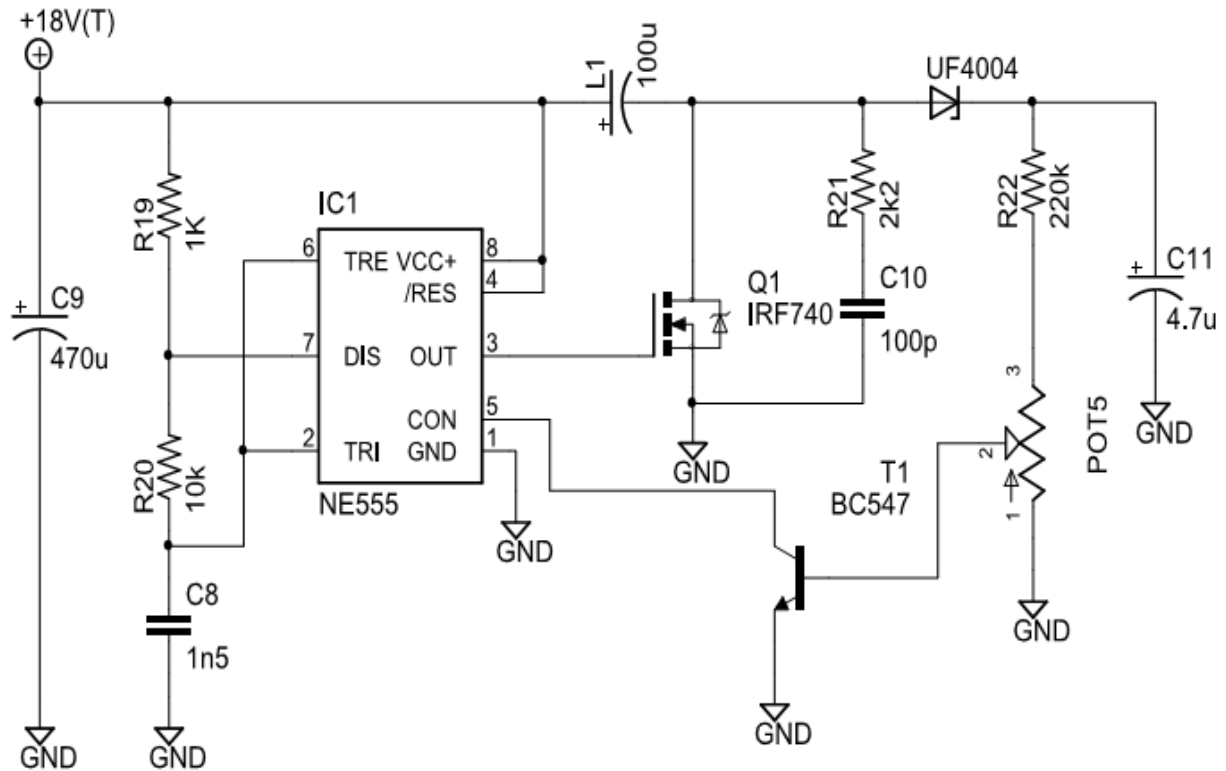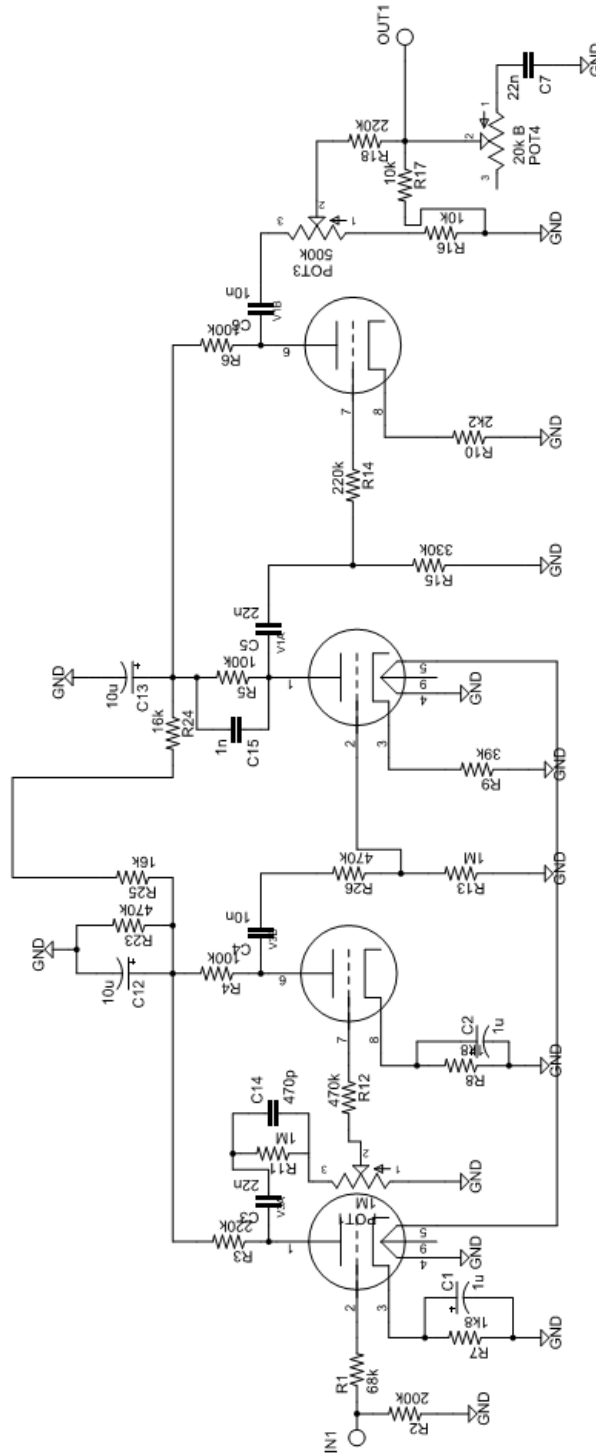# Contents

Introduction

GTFO is a high gain all tube distortion pedal. Main features:

- 2 x 12AX7 tubes
- 12v DC operation
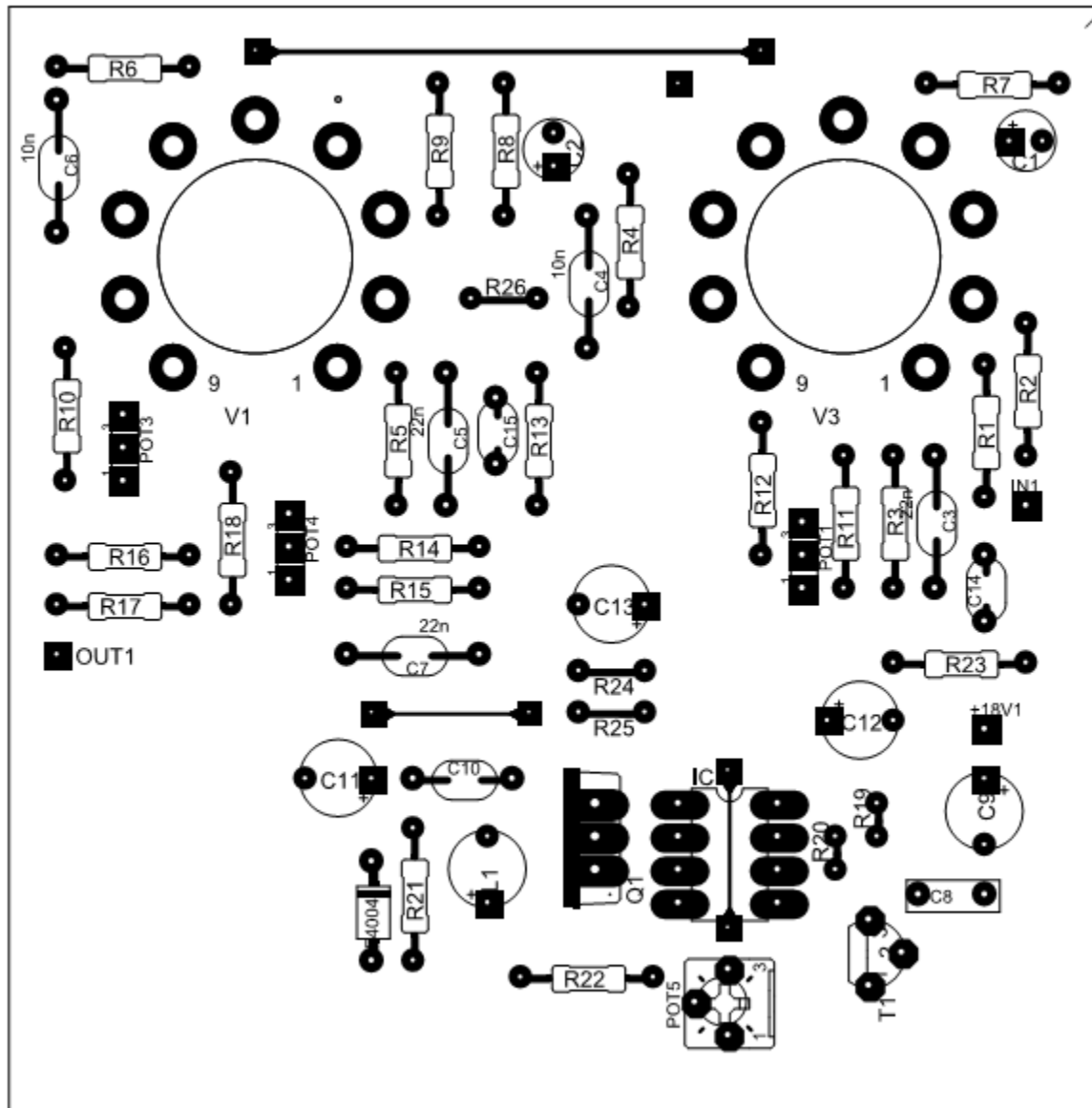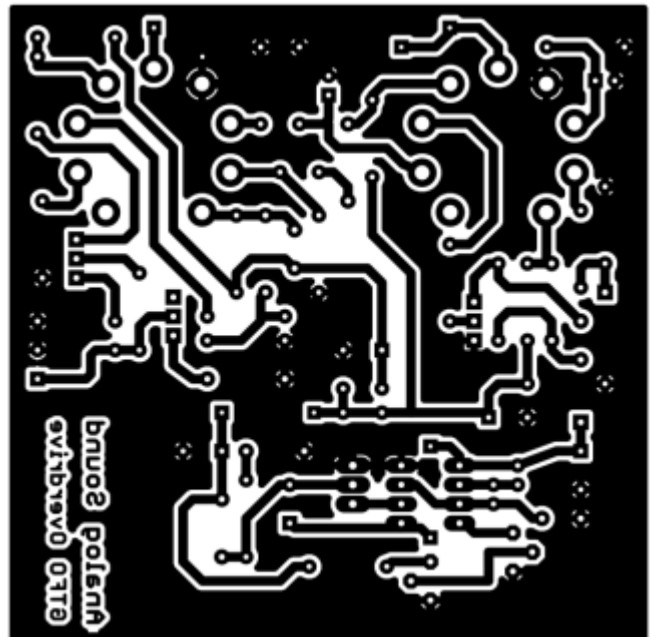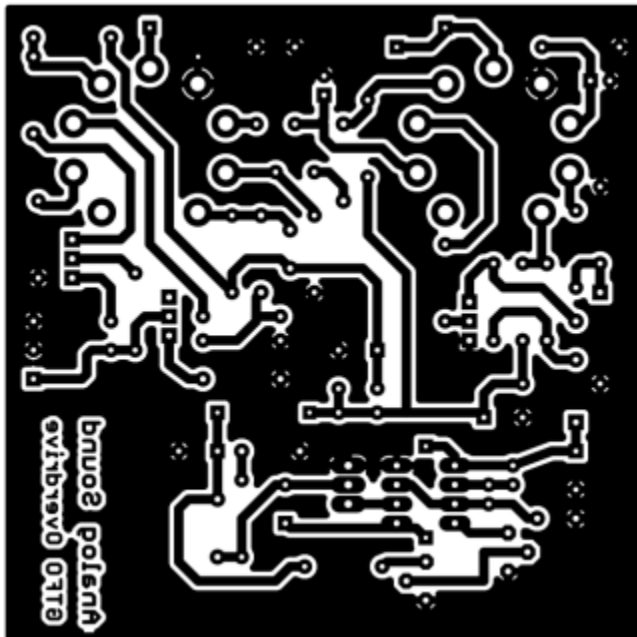- SMPS design for anode voltage (12v to 400v - boost converter)
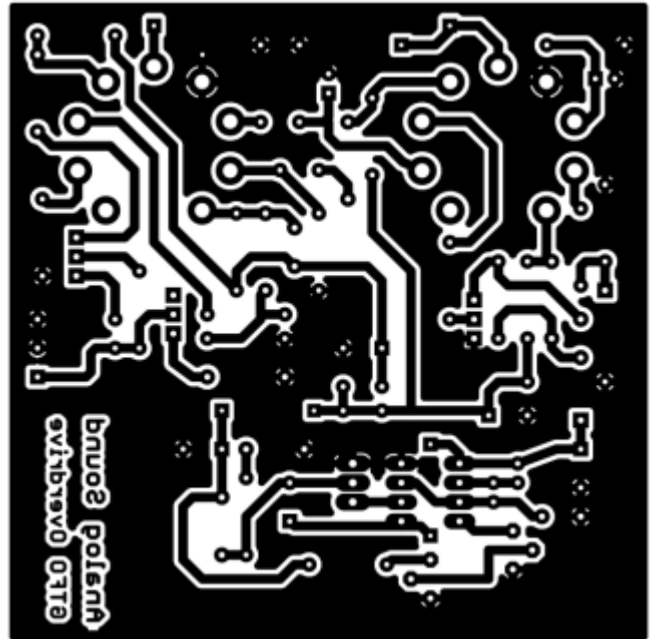
PSU

Main Circuit

OUT1

22n C7 GND

R18 220K
R17 10k
20k B POT4
GND

V1B 10n
POT3 500K
R6 500K
R16 10K GND

R10 2K2 GND

R14 220k

R15 330K GND

C5 22n V1A
R5 100K
C13 10u GND
R24 16k
C15 1n
R9 39k GND

R25 16k
R23 470K
C12 10u GND
R4 100K
V2B 10n
R26 470K
R13 1M GND

C2 1u
R8 GND

C14 470p
R11 1M
R12 470k
V2A 22n
R3 220K
POT1 1M
C1 1u GND

R7 1K8
GND

R1 68k
R2 200K GND
IN1

Layout

PCB

Licensing