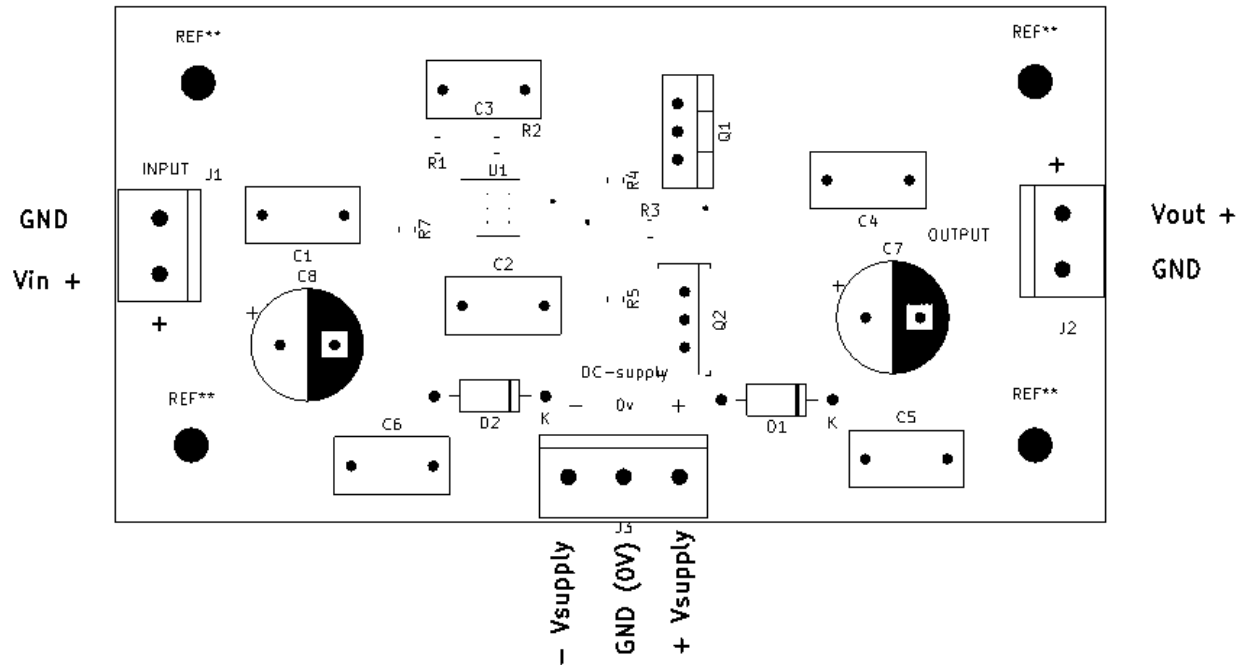


Hamp-1

High voltage and High frequency Amplifier

User manual



Features:

- High voltage up to 140Vpp (! Take care when working with a high voltage!)
- High frequency, 100Hz to 500kHz and up to 1 MHz (-6dB). Depending on load too.
- Gain 26dB (19x), other gains on request.

Application:

- Piezo driver
- High voltage and high power driver
- High power at high frequency up to 1 MHz
- Mems actuation
- EO-modulator

- Piezo amplifier/driver for precision positioners
- Ultrasonic
- Stick-slip motors
- Ferroelectric
- Beam steering or beam blanking
- High Voltage amplifier in many other applications

Specification:

- DC supply voltage $\pm 5V$ to $\pm 70V$ (not included) (! **Take care when working with a high voltage!**)
- Gain 25dB $\sim 19x$ (other gains on request)
- Bandwidth 1kHz to 500kHz $\pm 3dB$ (1 MHz -6dB)
- Output Voltage 130Vpp max