



This circuit is so simple that you may have seen it before.

SPICE Model - Push-pull Common Source Amplifier (Spice Opus version 2.31)

This model is setup for perfect distortion calculation with plausible MOSFET models. Only the third harmonic has any significance at -90dB. Distortion analysis is done at a peak voltage only half that of the supply because the non-feedback circuit exhibits soft-clipping at peak voltages approaching supply voltage.

Fourier analysis for vout:

No. Harmonics: 16, THD: 0.00308134 %, Gridsize: 1024, Interpolation Degree: 3