

MATRIX 1.4 – MP-QEF VARIANT (IMPEMENTING QUAD EMITTER FOLLOWER WITH MIRRORED PRE-BUFFER)

2000 Watt Peak Class AB Audio Power Amplifier for 2-Ohms Loudspeaker

Design & Formulation By Heru Himawan Tejo Laksono

Ver. mp-qef-2000-ls2-2013

Rev. 1 (15/01/2013)

URL: http://matrix14freeamp.sourceforge.net/

PERHATIAN:

SKEMATIK INI HANYA DIANJURKAN BAGI PERAKIT PENGUAT DAYA AUDIO PROFESIONAL. TIDAK DIANJURKAN MODIFIKASI TANPA UJI COBA SPICE STANDAR U.C. BERKELEY CAD GROUP.

DUKUNGAN TEKNIKAL PENERAPAN & PENYEDIAAN LITERATUR RUMUS SKEMATIK INI HANYA TERSEDIA BAGI PIHAK YANG BERKENAN MENDONASI.

SPECIFICATIONS:

MAX. OUTPUT GAIN: 40dB INPUT: 100mV PEAK

MAX. OUTPUT PEAK POWER: 2000 WATT PEAK @ 2-OHMS LOUDSPEAKER
MAX. RMS OUTPUT RMS POWER: 1000 WATT RMS @ 2-OHMS LOUDSPEAKER
MAX. BRIDGED RMS OUTPUT POWER: 2000 WATT RMS @ 4-OHMS LOUDSPEAKER
RMS OUTPUT MAGNITUDE: 44.7V RMS
PEAK OUTPUT MAGNITUDE: 65V PEAK
FREQ. RESPONSE: 20Hz ~ 20kHz

DC POWER SUPPLY: 90V DC (DUAL SUPPLY)

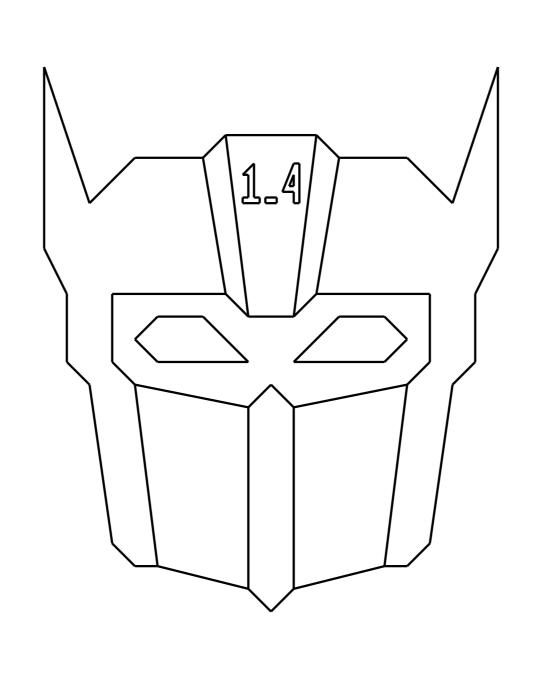
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MATRIX 1.4 IS NOT A BOT!:)