

Inverter for converting low voltage to high voltage



Overview

The following diagram shows a simple and very effective power output stage which can be integrated with any totem pole IC outputs such as IC 4047, IC TL494, IC SG3525, IC 4017 (clocked with IC555), for acquiring upto 1.5kva conversions. The key devices in the circuit are the. Using BJTs could be very reliable and simpler but quiet bulky, if space is your problem and need the upgrade from low to high power inverter in the most compact way, then mosfets becomes the. The above explained ideas for upgrading a low power inverter circuit to a higher power version can be implemented to any desired level, simply by adding several MOSFETs in parallel.



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