

VARIABLE, HIGH VOLTAGE REGULATOR

This regulator is ideal for SSB linear amplifier tube screens. It would also have application in the repeller supply for a reflex-klystron microwave oscillator. CRO deflection amplifier supply is another possible application.

Regulation is about 0.5%. The output transistor will need to be mounted on a small, insulated heatsink. A BF459 is preferred (30V V_{ceo}) as the BF458 is sailing a bit close to the wind when the output is down to 50 V.

