

# MSI/LSI, DIGITAL, DIGILIN & LINEAR CIRCUITS

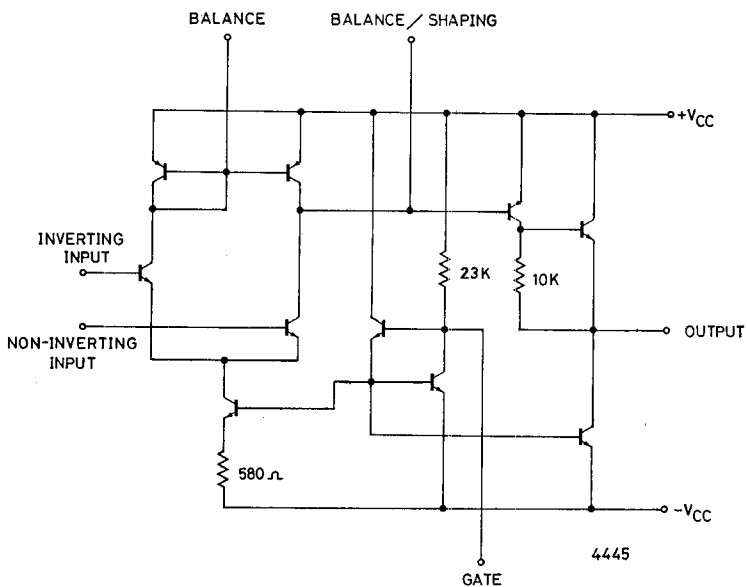
## GATED LINEAR AMPLIFIER

**ZN424/ZN424E/ZN424P**

The Provision of the gating facility on the ZN424 allows it to be used both as a switch and as an amplifier. With the gating signal applied, isolation between inputs is provided, and each input is isolated from the output. With no gating signal applied, the device functions as a low distortion operational amplifier.

### FEATURES

- 86 dB Gain
- Input-output isolation gating facility
- DTL/TTL Compatibility (5V operation)
- Logic gate current drive capability
- Low noise and open-loop distortion
- Class A output – no crossover distortion
- Choice of packages.  
8 and 14 plastic D.I.L. or  
8-lead TO-39.



Circuit Diagram