

LM3064 TV automatic fine-tuning circuit

general description

The LM3064 TV automatic fine-tuning circuit is designed primarily for AFC (Automatic Frequency Control) applications.

The LM3064 is functionally similar to the CA3044 and CA3044V1 but embodies a higher gain input amplifier which provides a 20 dB improvement in sensitivity. The increased sensitivity extends the application of a proven AFT system to TV

receivers with low level IF amplifiers. Additional features include:

- High gain input amplifier—18 mV input for rated output
- Wide operating temperature range; -40°C to $+85^{\circ}\text{C}$

connection diagram

