

# M54191FP

## SPEECH NETWORK

### DESCRIPTION

The M54191FP is a speech network IC with built-in basic function of hand-free operation.

The digital control lines and basic function of hand-free operation can be used to configure speech networks for touch-tone telephone equipment (network telephones).

### FEATURES

- Housed in a 42-pin flat package.
- Built-in tone signal input amplifier.
- Hum is reduced by use of a differential transmitter preamplifier.
- Dynamic ranges of receiver mainamplifier and line driver are maintained at low voltage by use of a differential output configuration.

### APPLICATION

Touch-tone telephone (network telephones)

