

## LA1186N

monolithic linear IC

CIRCUIT DRAWING  
No.2010

FM FRONT END



3017B

### Use

- Radio cassette, music center, etc.

### Functions and Features

- RF amp, MIX, OSC, AFC diode
- Operating voltage range: 1.8V to 8.0V
- Improvement in 2-signal characteristic due to the use of a double-balanced mixer
- Improvement in strong input characteristic
- Minimum number of external parts required
- Less spurious radiation from local OSC
- TV (CH1 to CH12) reception capability

## LA1205

monolithic linear IC

CIRCUIT DRAWING  
No.2011

FM/AM IF AMP. FOR RADIO CASSETTE,  
MUSIC CENTER



3006A

### Functions

- FM: IF, S meter outputs.
- AM: Converter, oscillator, IF, S meter outputs.

### Features: Low-level short wave oscillation with few harmonic components.

- FM:
  - Ratio detection.
  - Front end bias available (Pin 10 1.2V).
- AM:
  - Usable in the range of LW to SW.
  - Low level AM oscillation with ALC provided.

Oscillation output per pin

MW : 130mV

SW : 110mV to 170mV

(8MHz) (30MHz)

Note) A slight change in these values may take place depending on the coil to be used.

### Others

- Improvement in reduced voltage characteristic (Operating voltage : 2.5V to 9V)
- AM/FM S meter output with wide dynamic range (Pin 14 : 0V to 1.4V)

## LA1222

monolithic linear IC

CIRCUIT DRAWING  
No.2013

FM IF AMP.



3001A

### Features

- Includes 2 individual differential amps.
- Excellent limiting characteristics.
- Voltage gain  $30\text{dB}/R_L = 1\text{ kohm}$ , 1 stage.
- Suited for use in FM IF limiters or amplifiers.