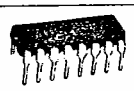
LA3350 monolithic linear IC

CIRCUIT DRAWING No.2049

PLL MULTIPLEX STEREO DEMODULATOR



3006A

Features

- No need for 19 and 38 kHz tuning circuits.
- Low lamp on level: 7mV (pilot).
- Gain=0dB (R_L=3.3k ohm).
- No need for high frequency level compensater.

LA3361 monolithic linear IC

CIRCUIT DRAWING No.2051

PLL FM STEREO MULTIPLEX DEMODULATOR

3006A

Use : PLL FM stereo multiplex demodulator with low supply voltage for portable radio or car radio.

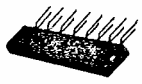
Features

- Wide operating supply voltage as low as 3V.
- Only one pin can control monaural and VCO stopping.
  0.7V < supply voltage < 2.1V: monaural (IF mute)
  supply voltage >2.1V: VCO stopping.
- Good ripple rejection.
- High sensitive lamp on level (7mV).
- Separation controllable.
- High gain.
- Low current consumption (8.5mA typ).

LA3365 monolithic linear IC

CIRCUIT DRAWING No.2052

PLL FM MULTIPLEX STEREO DEMODULATOR



3020A

Use

Especially designed for low supply voltage appliance of car radio or table top radio.

Features

- Single ended packaging advantageous for assembly.
- 3mm pitch pin interval advantageous for printed pattern designing.
- Wide operating supply voltage range up to 3V.
- Only one pin works as forced mono (IF muting) and VCO stopping.

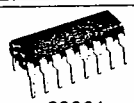
Pin voltage supplied:
0.7V < Vg < 2.1V : forced mono
2.1V < Vg : VCO stopping

- Good ripple rejection.
- High sensitive lamp turning on level (7mV).
- Separation controllable.
- High gain, low current dissipation (8.5mA typ).

LA3373 monolithic linear IC

CIRCUIT DRAWING No.2054

PILOT CANCELER-PROVIDED PLL FM-MPX STEREO DEMODULATOR



3006A

The LA3373 is a DIP-16 version of the LA3375. It is a MPX IC for use in FM car stereo applications and contains two functions of skip noise suppression and pilot cancel.

Functions

- Pilot canceler (Level follow-up type)
- Stereo noise controller (SNC function)
- High cut controller (HCC function)
- Stereo/monaural automatic select
- VCO oscillation stop

Features

- Low distortion (0.05% typ. 300mV input mono)
- Good ripple rejection of power supply (35dB typ.)
- Wide supply voltage range (V_{CC}=6.5V to 14V)