

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 ($R_L=3.3k\ \text{ohm}$).
- No need for high frequency level compensater.

LA3361

monolithic linear IC

CIRCUIT DRAWING
No.2051**PLL FM STEREO MULTIPLEX DEMODULATOR**

3006A

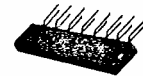
Use : PLL FM stereo multiplex demodulator with low supply voltage for portable radio or car radio.

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 < V_g < 2.1V : forced mono
2.1V < V_g : 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)