

7997076 SANYO SEMICONDUCTOR CORP

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LA3220

monolithic linear IC

CIRCUIT DRAWING
No.2046**2-CHANNEL EQUALIZER AMP. WITH ALC.
FOR STEREO, RADIO CASSETTE**

3003A

Features

- Dual preamp. with built-in ALC (Preamp.x2 + ALCx2).
- Due to high gain, recording amp. can be formed separately (Variable monitor available).
- ALC and direct meter drive can be obtained through SEPP output stage.
- Good ALC response balance between channels.
- Good reduced voltage characteristic.
- Good channel separation.
- Fast stabilization at the time of application of power.

LA3225,3226

monolithic linear IC

CIRCUIT DRAWING
No.2047**2-CHANNEL PREAMP WITH ALC**

3043A

The LA3225, 3226 are 2-channel low-noise preamplifiers designed for cassette tape recorder use. The LA3225, 3226 contain preamplifiers and rectifiers in a 10-pin single-end package and require fewer number of external parts.

Use

- Stereos, compact cassettes (recording/playback), radio cassettes (recording/playback).
- LA3225: 6V-operated tape recorder use
LA3226: 9V-operated tape recorder use

Features

- Open loop gain 90dB typ.
- On-chip rectifiers and ALC circuit.
- Capable of operating from $V_{CC}=3.8V$ min. because of good reduced voltage characteristic.
- No input coupling capacitor required.
- On-chip feedback resistors ($R_{NF}=100k\Omega$)
- The rectifier operation can be stopped at the playback mode (ALC OFF).

LA3230M

monolithic linear IC

CIRCUIT DRAWING
No.2048**3V 2-CHANNEL PREAMP FOR USE ONLY IN
PLAYBACK APPLICATIONS**

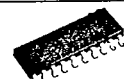
3034A

Features

- Quick starting time (0.15sec.)
- Excellent reduced voltage characteristic
- (operable from $V_{CC} = 1.3V$ min.)
- No input coupling capacitor required.

LA3330,3330M

monolithic linear IC

CIRCUIT DRAWING
No.2050**PLL FM MULTIPLEX DEMODULATOR**

3006A(LA3330), 3036B(LA3330M)

Use

- FM multiplex demodulator IC for use in portable radios, radio cassettes operating from low supply voltage.

Features

- Operable from low voltages
 - Stereo operation $V_{CC} = 1.8V$
 - Monaural operation $V_{CC} = 1.5V$
- Low lamp light-up level: 4.5mV typ.
- Low current dissipation: 5mA typ.
- Good power supply ripple rejection: 34dB typ.
- Forced monaural function (VCO stops at forced monaural mode.)
- Built-in load resistance ($R_L = 3.3k\Omega$)