


<b>LA3220</b>	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.

<b>LA3225,3226</b>	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).

<b>LA3230M</b>	monolithic linear IC	CIRCUIT DRAWING No.2048
3V 2-CHANNEL PREAMP FOR USE ONLY IN PLAYBACK APPLICATIONS		 3034A

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

<b>LA3330,3330M</b>	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 ( $R_L = 3.3k\Omega$ )