

7997076 SANYO SEMICONDUCTOR CORP

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**LA7225**

monolithic linear IC

CIRCUIT DRAWING  
No.2161**PREAMP FOR INFRARED REMOTE  
CONTROL RECEPTION**

3017B

The LA7225 is a preamp for infrared remote control reception that contains a turning amp, a peak hold circuit, an integral circuit and is suited for use in TV, VTR applications.

**Features**

- 5V-low current operation
- On-chip voltage regulator
- On-chip waveform shaper
- On-chip TV/VTR operation signal prioritized function

**LA7230**

monolithic linear IC

CIRCUIT DRAWING  
No.2162**HI-FI AUDIO INPUT SELECTOR**

3061

**Functions**

- Input select
- Auto amp (AGC amp)
- Manual amp
- PB amp
- Mixer

} Hi-Fi

- AGC amp (mono)
- PB amp (mono)
- Muting
- Middle-point voltage

**Features**

- Audio signal input select switch for Hi-Fi VTR use
- 3-channel input signal processing capability (line, tuner, mic)
- On-chip auto/manual amp
- Muting function (at input select mode only)
- Monaural signal processing capability (L, R, mix)
- After-recording function
- DIP-30S package
- Middle-point voltage circuit (single/dual-supply operation)
- Low noise and low distortion

**LA7505**

monolithic linear IC

CIRCUIT DRAWING  
No.2163**TV VIDEO IF SYSTEM**

3006A

The LA7505 is an IC to be used jointly with DIP TR tuner (forward AGC). The IF amp. has a high gain so that an SAWF can be used without preamp. Two pins are provided for AGC filter so that AGC speed can be made higher.

**Functions**

- Video IF amp.
- Black noise and white noise canceler
- Video Detector

- Peak value IF AGC
- Video amp.
- RF AGC amp.

**Features**

- High-gain IF amp.
- Wide AGC range
- Excellent characteristic against noise and high AGC speed.