

LA7013

monolithic linear IC

CIRCUIT DRAWING
No.2123**VTR NOISE CANCELER FOR β -VTR**

3006A

Functions

- FM demodulator
- Adder
- Limiter

Features

- 9V supply voltage enabling use in portable VTR applications.
- Compact package.
- Also usable for VTR of PAL system.

LA7015N

monolithic linear IC

CIRCUIT DRAWING
No.2124**VHF BAND RF MODULATOR**

3020A

The LA7015N is an RF modulator IC for use in VTR's of NTSC system. It contains a carrier oscillator, an audio FM modulator, a video AM modulator, a video clamp circuit, and a white clip circuit. A small-sized modulator can be made due to the use of SEP-16.

Use

- VTR, VDP

Functions

- Video carrier oscillator
- Channel select switch
- White clip circuit
- Clamp circuit
- Video AM modulator
- Audio FM modulator
- Audio carrier mixer

Features

- Multifunctional RF modulator on a single chip.
- Oscillation capability with SAWR, non-adjusting oscillation frequency, and channel selection capability.
- Small size and good space factor.

LA7016

monolithic linear IC

CIRCUIT DRAWING
No.2126**ELECTRONIC SWITCH FOR USE IN VTR APPLICATIONS**

3016B

Features

- Wide input dynamic range
- Low distortion
- Good frequency characteristic

LA7017

monolithic linear IC

CIRCUIT DRAWING
No.2125**TV SOUND MULTIPLEX ENCODER FOR VTR APPLICATIONS**

3020A

The LA7017 is a TV sound multiplex encoder IC designed for use in VTR, video disk player applications. It is applicable to all of stereo, dual, monaural broadcastings.

Functions

- Stereo matrix
- FM modulator
- 55.125kHz oscillator (Q signal generator)
- 120.8475kHz oscillator
- 982.5Hz/922.5Hz counter
- Stereo, dual, monaural select switch.
- Mixer (composite signal generator).

Features

- Applicable to all of stereo, dual, monaural broadcastings.
- Good space factor due to single-end package.