

LA7013

monolithic linear IC

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

3006A

Functions

- FM demodulator
- Adder
- Limiter

Features

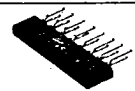
- 9V supply voltage enabling use in portable VTR applications.
- Compact package.
- Also usable for VTR of PAL system.

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.