

LA7110

monolithic linear IC

CIRCUIT DRAWING
No.2153**SERVO INTERFACE CIRCUIT FOR
VTR USE**

3025B

The LA7110 is a servo interface IC for VTR use that can be used in conjunction with the LC7410 series (CMOS, digital servo IC) to form a digital servo system with minimum number of external parts required. It is suited for use in portable sets because of operation from 5V.

Functions

- FG amp (for drum, capstan)
- PG delay circuit
- Tracking circuit (main, sub x 3, reverse)
- Vertical sync separation
- V-trigger circuit
- REC CTL amp
- PB CTL amp
- OP amp
- PG amp
- Noise inhibit circuit
- Cuing signal generator circuit
- PB CTL inverter circuit

Features

- Low power dissipation
- Compensates lack of V-SYNC internally. (V-trigger function)
- Cuing signal setting capability
- Inverts CTL signal at inverting playback mode.
- Contains tracking circuit for special playback.

LA7205,7205M

monolithic linear IC

CIRCUIT DRAWING
No.2156 2157 **β VTR TAPE END DETECTOR**

3017B(LA7205) 3034A(LA7205M)

The LA7205/7205M are IC's designed to detect tape end (top) of β VTR's. They adopt an oscillation circuit configuration.

Functions

- Input select switch
- Detector
- Comparator
- Amp
- AGC

Features

- Oscillation circuit configuration enabling high accuracy, small size (SEP-9), (MFP-14), low-voltage operation (5V).
- AGC circuit providing small oscillation waveform at sensor end.

LA7215

monolithic linear IC

CIRCUIT DRAWING
No.2158**SYNC DETECTOR, TSG CIRCUIT FOR VTR
USE**

3053A

The LA7215 is a sync detector/TSG circuit-contained IC designed to obtain the optimum reception mode in the channel select system of a VTR. It is especially suited for PAL VTR use.

Functions

- Sync separation
- VCO (32fH)
- AFC
- Comparator
- TSG
- Analog switch

Features

- The use of a ceramic resonator permits non-adjusting.
- Output configuration of sync detector: Emitter follower and open collector
- The control signal can be used to select the VIDEO/TSG output.

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