

LA7210,7212	monolithic linear IC	CIRCUIT DRAWING No.2155
SYNC DETECTOR FOR VTR USE		 3043A(LA7210) 3003A(LA7212)

The LA7210/7212 are sync detector IC's designed to obtain the optimum reception mode in the channel select system of a VTR. The use of a ceramic resonator-applied horizontal sync detector of VCO, PLL type can provide a non-adjusting system with high detect accuracy. The LA7210/7212 also meet the requirements of the new FTZ in West Germany.

Functions

- Sync separation
- VCO (32fH)
- AFC
- Comparator for sync detection
- AFT window comparator (LA7212 only)

Features

- The use of a ceramic resonator permits non-adjusting.
- Possible to control the threshold voltage of the AFT window comparator (LA7212)
- Package and output configuration

	LA7210	LA7212
Package	SEP10	DIP14
Output configuration	Emitter follower	Open collector

LA7220	monolithic linear IC	CIRCUIT DRAWING No.2159
ELECTRONIC SWITCH FOR USE IN VTR, AUDIO APPLICATIONS		 3006A

The LA7220 is a 3-channel 2-position high-performance analog switch having wide application from audio band to video band. It is also provided with 2 channels of muting function.

Features

- 3-channel 2-position switch
- Wide input dynamic range
- Low distortion
- Good frequency characteristic
- Muting available

LA7224	monolithic linear IC	CIRCUIT DRAWING No.2160
PREAMP FOR INFRARED REMOTE CONTROL RECEPTION		 3016B

The LA7224 is a preamp for infrared remote control reception that contains a turning amp, a peak hold circuit, an integration circuit and is suited for use in TV, VTR applications.

Features

- 5V-low current operation.
- On-chip voltage regulator.
- On-chip waveform shaper.

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