

LA7933

monolithic linear IC

CIRCUIT DRAWING
No.2196**ELECTRONIC TUNING SYSTEM
CONTROLLER FOR TV, VTR USE**

3021B

The LA7933, intended for use in color TV or VTR electronic tuning systems, contains a band switch, a +5V power supply (with RST, delay pins), a sync detector, an audio muting circuit which are tuning peripherals without CPU.

Functions

- 2-input 4-output band switch.
- +5V supply, RST output pin, $\overline{\text{RST}}$ delay pin (CPU use)
- Sync detection
- Audio muting (Negative polarity)
- OP amp (Noninverting type for LF amp)

Features

- Band switch: PNP output requiring no external drive ($I_o=40\text{mA}$ max.)
- The $\overline{\text{RST}}$ pin delivers the reset signal stably. It also delivers the reset pulse stably even at the time of instantaneous power failure. The delay pin can be used to delay the reset signal generating time arbitrarily.

LA7950

monolithic linear IC

CIRCUIT DRAWING
No.2197**TV FIELD FREQUENCY DISCRIMINATING
CIRCUIT**

3043A

Functions

- Sync separation
- Field frequency counter
- Vertical sync separation
- Forced (manual) output select

Features

- Small-sized package (SEP10)
- Stable to external disturbance such as noise
- Many output pins for mode select (4 outputs)
- Wide operating voltage range (6 to 13V)

LA9000N

monolithic linear IC

CIRCUIT DRAWING
No.2198**PREAMP FOR DAD PLAYERS**

3006A

Use: DAD player preamp.

Functions

- HF signal generator, amplifier
- DL signal (for radial error signal) generator, amplifier
- HF OK signal (for servoswitch control detector)

LA9010

monolithic linear IC

CIRCUIT DRAWING
No.2199**WAVEFORM EQUALIZER AND PULSE
SHAPER FOR DAD PLAYERS**

3006A

Use: DAD player preamp.

Functions

- HF signal waveform equalizer
- HF signal pulse shaper
- Auto slice level controller