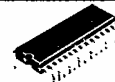


LA7025

monolithic linear IC

CIRCUIT DRAWING
No.2130**VTR LUMINANCE SIGNAL PLAYBACK
PROCESSOR FOR PAL VTR**

3063

Features and Functions

- Also suited for use in portable sets because of low supply voltage (9V) operation and small current dissipation.
- Minimum number of external parts required.
- Excellent reduced voltage, temperature characteristics.

LA7031

monolithic linear IC

CIRCUIT DRAWING
No.2132**LUMINANCE SIGNAL PROCESSOR FOR
VTR OF VHS SYSTEM**

3061

Feature

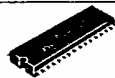
- This IC is a very streamlined IC. When used in conjunction with the LA7030, it is capable of performing all luminance signal processing functions of recording/playback.

Functions

- | | | | |
|---------------------|----------|-----------------------|------|
| ■ Sync separation | REC/P.B. | ■ FM demodulator | P.B. |
| ■ Video output amp. | REC/P.B. | ■ Dynamic de-emphasis | P.B. |
| ■ Video AGC | REC | ■ Noise canceler | P.B. |
| ■ Monitor squelch | REC | ■ Y/C mix amp. | P.B. |
| ■ FM limiter | P.B. | ■ White peak clip | P.B. |

LA7032

monolithic linear IC

CIRCUIT DRAWING
No.2133**CHROMINANCE SIGNAL PROCESSOR FOR
VTR OF VHS SYSTEM**

3061

Feature

- This IC is a very streamlined IC. It is capable of performing all chrominance signal processing functions of recording/playback on a single chip.

Functions

- | | |
|---------------------------------|--|
| ■ ACC | ■ 4-phase $40f_H$ signal generator |
| ■ Burst pre/de-emphasis circuit | ■ 3.58MHz V_{CO} circuit |
| ■ Color APC, AFC circuit | ■ Burst gate pulse shaper, 1/2H killer |
| ■ Subconverter | ■ 60Hz quasi sync signal shaper |
| ■ 160fH V_{CO} circuit | |

LA7033

monolithic linear IC

CIRCUIT DRAWING
No.2136**LUMINANCE SIGNAL PROCESSOR FOR VTR
OF VHS SYSTEM**

3061

Feature

- This IC is a very streamlined IC. When used in conjunction with the LA7031, it is capable of performing all luminance signal processing functions of recording/playback.

Functions

- | | |
|--------------------------|----------------------------------|
| ■ Recording Section | ■ Playback Section |
| 1. Sync chip clamp | 1. Preamp. |
| 2. Nonlinear emphasis | 2. Preamp. channel select switch |
| 3. Main pre-emphasis | 3. FM AGC amp. |
| 4. White clip | 4. D.O.C. |
| 5. Dark clip | ■ Other |
| 6. FM modulation | 1. REC/PB head select switch |
| 7. Recording buffer amp. | |