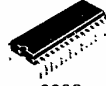
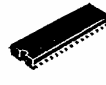


<b>LA7025</b>	monolithic linear IC	CIRCUIT DRAWING No.2130
VTR LUMINANCE SIGNAL PLAYBACK PROCESSOR FOR PAL VTR		 3063

**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.

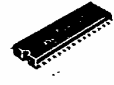
<b>LA7031</b>	monolithic linear IC	CIRCUIT DRAWING No.2132
LUMINANCE SIGNAL PROCESSOR FOR VTR OF VHS SYSTEM		 3061

**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. |

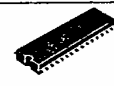
<b>LA7032</b>	monolithic linear IC	CIRCUIT DRAWING No.2133
CHROMINANCE SIGNAL PROCESSOR FOR VTR OF VHS SYSTEM		 3061

**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 <sub>H</sub> signal generator |
| ■ Burst pre/de-emphasis circuit             | ■ 3.58MHz V <sub>CO</sub> circuit           |
| ■ Color APC, AFC circuit                    | ■ Burst gate pulse shaper, 1/2H killer      |
| ■ Subconverter                              | ■ 60Hz quasi sync signal shaper             |
| ■ 160f <sub>H</sub> V <sub>CO</sub> circuit |   |

<b>LA7033</b>	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**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>■ Recording Section           <ol style="list-style-type: none"> <li>1. Sync chip clamp</li> <li>2. Nonlinear emphasis</li> <li>3. Main pre-emphasis</li> <li>4. White clip</li> <li>5. Dark clip</li> <li>6. FM modulation</li> <li>7. Recording buffer amp.</li> </ol> </li> </ul> | <ul style="list-style-type: none"> <li>■ Playback Section           <ol style="list-style-type: none"> <li>1. Preamp.</li> <li>2. Preamp. channel select switch</li> <li>3. FM AGC amp.</li> <li>4. D.O.C.</li> </ol> </li> <li>■ Other           <ol style="list-style-type: none"> <li>1. REC/PB head select switch</li> </ol> </li> </ul> |
|---|--|