

**SANYO Semiconductors****DATA SHEET**

# LA7849

 — Monolithic Linear IC  
**BUS Supporting, TV Vertical Output and E/W Drive.****Overview**

The LA7849 is EW drive and vertical deflection output IC for high-definition TV and CRT displays in systems that use a bus control system signal-processing IC. This IC can directly drive (including the DC component) the deflection yoke from the sawtooth wave output from the bus control system signal-processing IC. Similarly, the diode modulator block can be driven from the parabolic wave output. The color TV vertical deflection system and EW adjustment functions can be controlled from the bus system when this IC is used in conjunction with a SANYO LA768X or LA769XX series TV bus control system signal-processing IC.

The LA7849 provides a maximum output block voltage of 92V, a maximum deflection current of 2.2Ap-p, and an EW drive current of 0.4A, is provided in an SIP10H package, and thus is optimal for large diameter CRTs.

**Function**

- Built-in charge pump circuit for low power operation.
- Vertical output circuit.
- Excellent crossover characteristics.
- Supports DC coupling.
- EW drive circuit.

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**SANYO Semiconductor Co., Ltd.**

TOKYO OFFICE Tokyo Bldg., 1-10, 1 Chome, Ueno, Taito-ku, TOKYO, 110-8534 JAPAN



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