



SANYO Semiconductors DATA SHEET

LA7847 — Monolithic Linear IC BUS Supporting, TV Vertical Output and E/W Drive.

Overview

The LA7847 is EW drive and vertical deflection output ICs for high-definition TV and CRT displays in systems that use a bus control system signal-processing IC. These ICs can directly drive (including 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 either of these ICs is used in conjunction with a SANYO LA768X or LA769XX series TV bus control system signal-processing IC. The LA7847 provides a maximum output block voltage of 72V, a maximum deflection current of 2.2Ap-p, and an EW drive current of 0.4A, and thus is optimal for large diameter CRTs.

Function

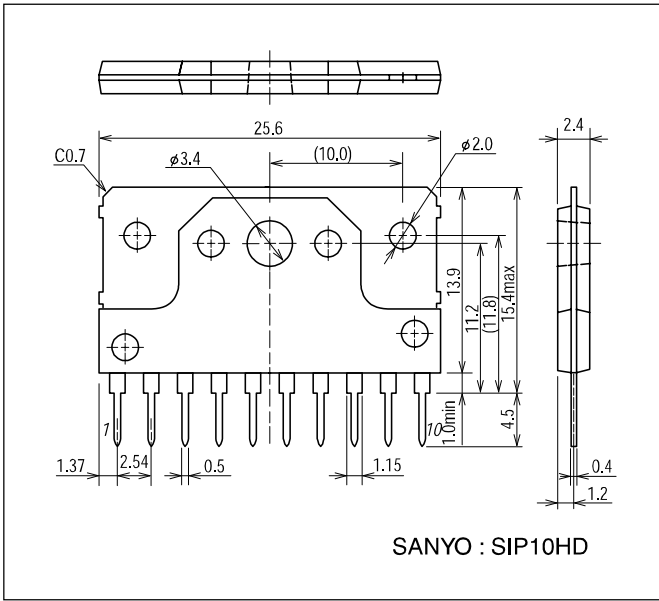
- Built-in charge pump circuit for low power operation.
- Vertical output circuit.
- Excellent crossover characteristics.
- Supports DC coupling.
- EW drive circuit.

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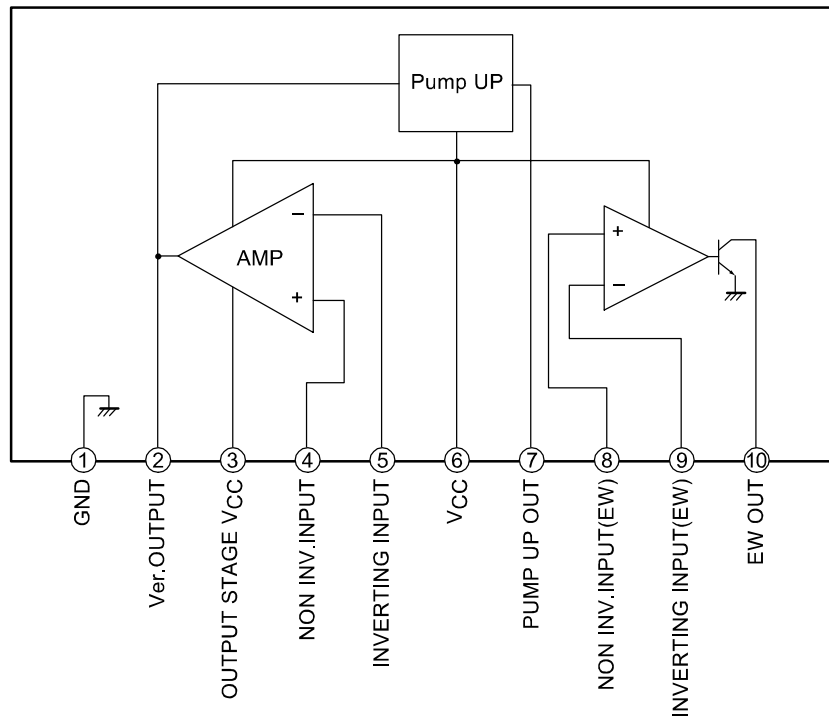
Package Dimensions

unit : mm

3248



Block Diagram



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