

Vertical Output IC

LA78040N

Overview

The LA78040N is a 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. The color TV vertical deflection system adjustment function 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 LA78040N provides a maximum deflection current of 1.7 A p-p, and thus is optimal for small to medium diameter CRTs.

Functions

- Low power operation achieved by using integrated charge pump circuit
- Vertical output circuit
- Thermal protection circuit
- Excellent crossover characteristics
- Supports DC coupling
- Package: TO220-7H

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Block Diagram

