



SANYO Semiconductors DATA SHEET

LA76843N — Monolithic Linear IC I²C Bus Control IC

Overview

The LA76843N is I²C bus controller ICs that support the different TV broadcast formats used worldwide and aim for rationalization of color TV set design, improved manufacturability, and lower total costs

Features

- Single crystal multiformat system that supports the different TV broadcast formats used worldwide
- NTSC system : LA76843N (YCbCr and E/W support)
- Adjustment-free VIF/SIF, audio trap/audio bandpass filters
- Adjustment-free horizontal resonator system
- Simplified SG
- Supply voltage : $V_{CC} = 5V/9V$

Function

- VIF/SIF
 - Adjustment-free VCO, buzz canceller
 - RF AGC/video level/FM level control
- Black stretch, sharpness control with coring on/off control, built-in variable Y system filters (Y-DL and chrominance trap)
- Chrominance bandpass filter, demodulation angle control

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