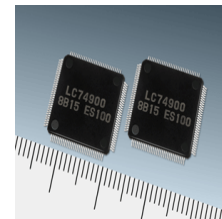


Product Overview

LC74900AT: LCD Processor for Small Size Display

For complete documentation, see the data sheet.



LC74900 is a highly integrated multi-purpose LCD Panel (up to WVGA) controller processing analog and digital video signal. It contains A/D converter, video decoder, De-interlacer/Scaler, and picture improvement.

Features

- Video Input/Output
- YC separation video decoder
- De-interlacer and Scaler
- Picture Improvements
- Panel interface 24bit RGB output and 18bit RGB output with dithering process. Pulse Width Modulation for automatic LED backlight control. Timing controller for LCD driver with horizontal or vertical reversing signals. Pin swapping : replace output pin assignment of the RGB channel or bit.
- On Screen Display
- EEPROM booting
- Parallel data outputs, panel interface and video decoder output
- System Controller Interface

For more information please contact your local sales support at www.onsemi.com.

Created on: 7/7/2020