Ordering number:EN6163

LCD Module

ALP210

Low-Temperature Polysilicon 2.0-inch TFT LCD Module

Overview

This 2.0-inch LCD module is a full-color active matrix module that uses low-temperature polysilicon thin-film transistors and includes built-in driver circuits for thin-frame mounting. The high-resolution and RGB delta dot arrangement is optimal for use in digital video cameras and digital still cameras.

Features and Functions

- Display size (diagonal) : 5.1cm (2.0 inches).
- Number of dots : 130,338 dots (557×234 dots).
- RGB delta arrangement.
- Operating ambient temperature : –10 to +60°C.
- Storage ambient temperature : –20 to +70°C.
- Compact design achieved with narrow frames and thin form factors.
- Support for scan reversal both horizontally and vertically.
- Level shifter circuit built in.
- Support for NTSC/PAL format by using the recommended IC (LV4126W).
- Anti-reflection (AR) coat.

Specifications

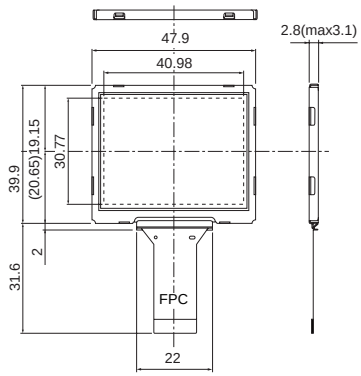
Parameter	Specification	Unit	
Effective viewing area diagonal	5.1 (2.0-inches)	cm	
Effective viewing area dimensions (horizontal× vertical)	40.98× 30.77	mm	
Number of dots (horizontal× vertical)	557× 234	dot	
Dot pitch (horizontal× vertical)	0.0735× 0.1315	mm	
Color arrangement	RGB delta	–	
External dimensions (horizontal× vertical× thickness)	Provisionally 47.9× 39.9× 2.8 (typical)	mm	Note1
Weight	–	g	
FPC length	31.6	mm	

Note 1. Excluding the FPC and mounting sections.

Package Dimensions

unit:mm

[ALP210]



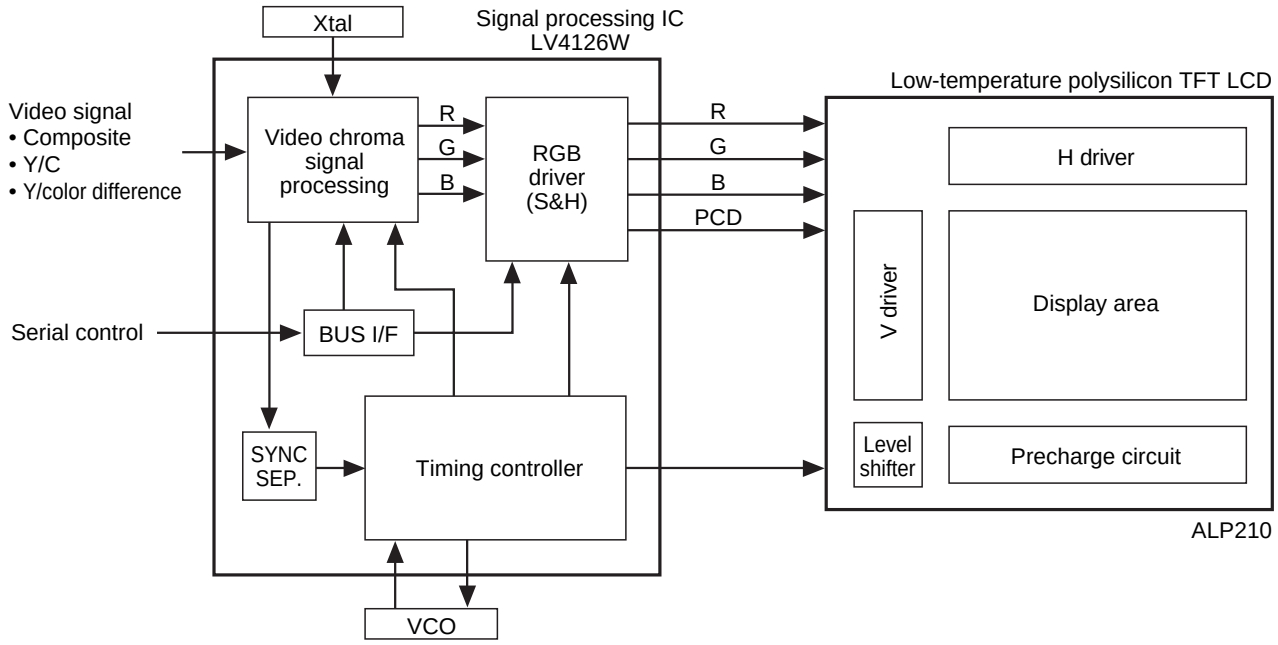
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System Structure



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