Ordering number:EN6161

LCD Module

ALP202CJX

Hybrid Collector Backlight

Low-Temperature Polysilicon 2.0-inch TFT LCD Module

Overview

This 2.0-inch LCD module is based on an active matrix full-color LCD module that uses low-temperature polysilicon thin-film transistors and includes a built-in driver circuit for narrower frames. It also includes a hybrid collector backlight system that uses edge illumination. It is optimal for use as the display in digital video cameras and digital still cameras.

Features

- 2.0-inch screen diagonal (5.1cm).
- Number of dots : 113,578 (521×218).
- RGB delta arrangement.
- Operating temperature : –10 to +60°C, Storage temperature : –20 to +70°C.
- Compact design with narrower frames in both the vertical and horizontal directions and a thinner form factor than earlier models.
- Scan switching support.
- Supports both NTSC and PAL when used with the recommended IC (the Sanyo LV4126W).
- Anti-reflective coating.
- Built-in bybrid collector backlight (Note that an inverter is not included.).
- Supports display with the backlight turned off in bright environments.
- Provides significant power savings.

Specifications

Parameter	Specification	Unit	
Effective viewing area diagonal	5.1 (2.0-inch model)	cm	
Effective viewing area dimensions (horizontal× vertical)	40.67× 30.52	mm	
Number of dots (horizontal× vertical)	521× 218	dot	
Dot pitch (horizontal× vertical)	0.078× 0.140	mm	
Color arrangement	RGB delta	–	
External dimensions (horizontal× vertical× thickness)	Provisionally 51.4× 54.2× 8.2 (typical)	mm	Note1
Weight	Provisionally 40	g	
FPC length	34.8	mm	

Note 1. Excluding the lamp harness and the FPC block.

Package Dimensions

unit:mm

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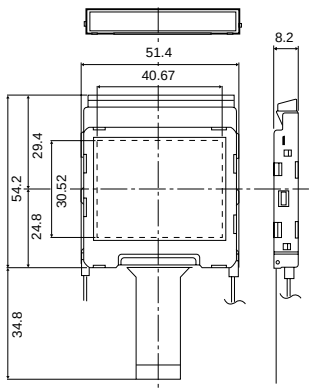

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System Structure