

**SANYO****ALP327****Low-Temperature Polysilicon  
3.5-inch TFT LCD Module****Overview**

This 3.5-inch LCD module is a full-color active matrix module that uses low-temperature polysilicon thin-film transistors and includes built-in driver circuits. The RGB delta dot arrangement and the wide viewing angle allow this module to be optimal for use in digital video cameras and digital still cameras.

**Features and Functions**

- Display size (diagonal) : 8.8cm (3.5 inches).
- Number of dots : 200,868 dots (881×228 dots).
- Supports wide viewing angle by introducing SANYO original SURVIVAL technology.
- Support for NTSC/PAL format by using the recommended IC (LV4131W).
- RGB delta arrangement.
- Operating ambient temperature (Panel surface temperature) : -10 to +60°C.
- Storage ambient temperature : -20 to +70°C
- Thin and slim.
- Support for scan reversal both horizontally and vertically.
- Level shifter circuit built in.

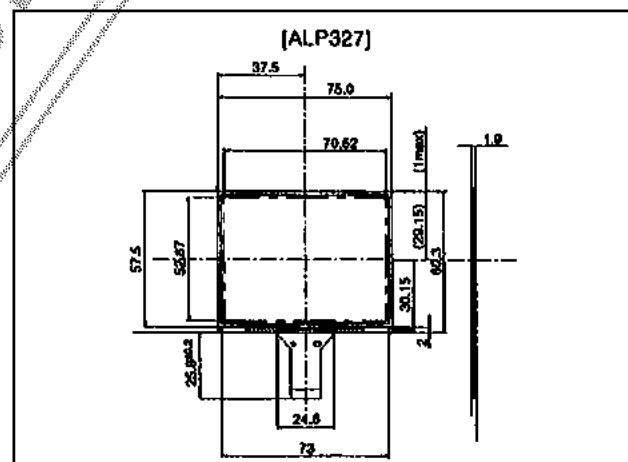
**Specifications**

Parameter	Specification	Unit	
Effective viewing area diagonal	8.8 (3.5 inches)	cm	
Effective viewing area dimensions (horizontal×vertical)	70.52×52.67	mm	
Number of dots (horizontal×vertical)	881×228	dot	
Dot pitch (horizontal×vertical)	0.080×0.231	mm	
Color arrangement	RGB delta	-	
External dimensions (horizontal×vertical×thickness)	75.0×60.3×1.9 (typical)	mm	Note 1
Weight	20	g	

Note 1: Excluding the FPC and mounting sections.

**Package Dimensions**

unit:mm



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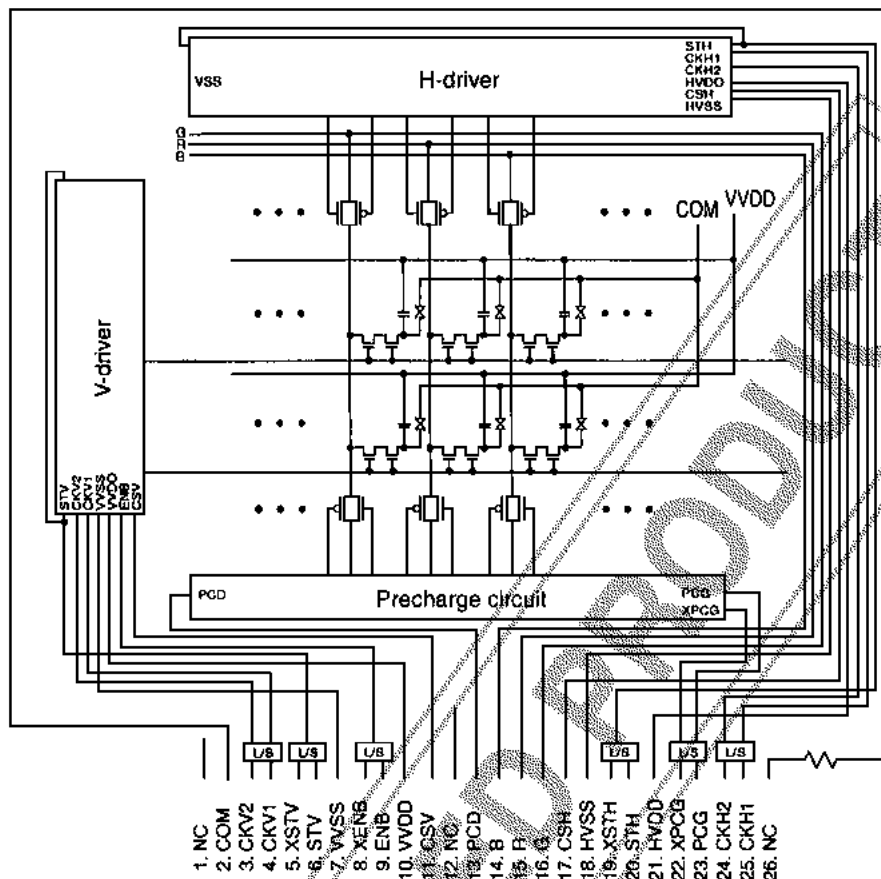
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## Pin Assignment and Internal Wiring Diagram of the ALP327



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