

10.0" LCM ECO-Friendly Paper Display Transflective with Backlight

LCM ECO-Friendly Paper Display Transflective type

Backlight, 16.7M Colors
25.4 cm / 10.0" Diagonal

- 10.0" Transflective TFT-LCD Module
- Backlight system
- HannStar Argentum Birefringence Display Technology
- Sunlight Readable, Anti-Glare
- 16.7M Display Colors
- Resolution 1536 x 2048
- Wide temperature range -20°C ~ +70°C
- Interface: 2port MIPI
- Fast response time
- Eco-friendly / Eye-Care
- Ultra-Low power consumption



The HSD100GPN1-900001-PX is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device.

It is a transflective-type display that consists of a TFT LCD panel, driving circuit, and a backlight system.

With a 10.0-inch diagonal measurement, the active display area features a resolution of 1536 horizontal by 2048 vertical pixels.

25.4 cm / 10.0"

Part No.: HSD100GPN1-900001-PX



10.0" / 25.4cm



2port MIPI



Wide Temperature
-20°C ~ +70°C



Backlight
System



Sunlight
Readable



Resolution
1536 x 2048



16.7M
Colors



5 msec



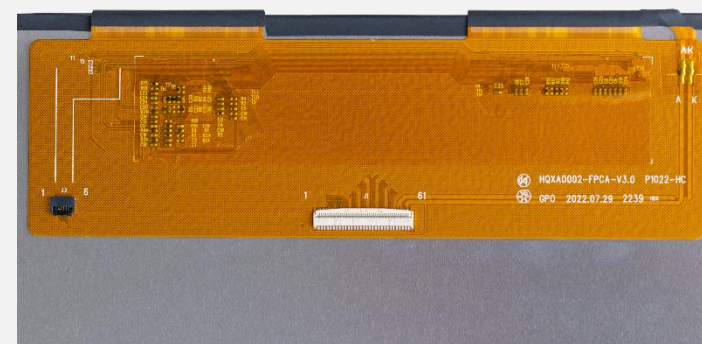
Ultra-Low Power
Consumption



Anti
Glare

10.0" LCM ECO-Friendly Paper Display Transflective with Backlight

Display Type	Transflective TFT-LCD Module with Backlight system
Diagonal	10.0" (25.4 cm)
Resolution	1536 (H) x 2048 (V) pixels
Display Color	16.7M Colors
Outline Dimension	162.28 (H) x 214.1 (V) x 2.83 (D) mm
Display Area	152.5248 (H) x 203.3664 (V) mm
Pixel Pitch	0.0993 (H) x 0.0993 (V) mm
PPI	141 PPI
Viewing Angle, Light Source Off	60/60° H - 60/60° V
Viewing Angle, Light Source On	60/60° H - 30/30° V
White Luminance (Light Source On)	100 cd/m2 typ TBC
Contrast Ratio	15
Interface	2port MIPI
Frame Rate	60 Hz
Response time, Light Source Off	5 msec (Typ.)
Response time, Light Source On	6 msec (Typ.)
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-30°C ~ +80°C
Surface Treatment	HC (Hard Coating)
Power Consumption	TBC (Logic System) / 3.24 mW (Backlight System)
Weight	TBC
Declaration	RoHS Compliance & Halogen Free



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