

MIC-D1004

10.4" Resistive Touch LCD Module with EMI Mesh & Optical Bonding

Features

- 10.4" LCD Size
- 1024 x 768 Resolution
- Resistive Touch Screen
- AG Strengthen Touch Glass
- 800 nits Brightness
- EMI Mesh, Optical Bonding

Appearance





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Revision Table

Date	Revision	Content	By
2023/9/4	0.1	First Draft	Dennis
2023/10/17	0.2	Add AD Board, Update Drawings	Dennis

ACT POWER TAIWAN
Preliminary

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Specification

LCD Panel	
LCD Size	10.4-inch TFT LCD
Backlight	LED
Resolution	1024 x 768
Interface	LVDS
View Angle	$\pm 88^\circ$ (H), $\pm 88^\circ$ (V)
Luminance	800 nits (after Bonding)
Contrast Ratio	1000:1
Aspect Ratio	4:3
Response Time	25 (Tr+Tf) ms
No. of Colour	16.7 Million (8 Bit/Colour)
Active Area	210.432 x 157.824 mm
Pixel Pitch	0.0685 (H) x 0.2055 (V)
LED Life time	50,000 Hrs
Touch Screen	
Touch Type	5-Wire Resistive Touch
Active Area	211.58 x 158.75 mm
Touch Interface	USB
Touch Glass	AG Strengthen Glass
EMI Mesh	Yes
Optical Bonding	Yes
Touch Drives	Support Windows, Linux, Mac, etc.
AD Board	
I/O	LVDS, DVI, VGA, Keyboard
Power Input	12VDC

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Accessories	
Boards	USB Touch Control Board, OSD Keyboard
Cables	LVDS Cable
Optical Bonding	Yes
Touch Drives	Support Windows, Linux, Mac, etc.

Environment Compliance

Operating Temp.	-30°C to +85°C
Storage Temp.	-30°C to +85°C
Humidity	Ta≤40°C, 90%RH, Non-Condensing
Shock	Design to Meet MIL-STD-810F
Vibration	Design to Meet MIL-STD-810E
EMI/EMC	Design to Meet MIL-STD461E/F

Note 1: Environmental performance may vary according to the integration method or final integration scenario.
 Note 2: Follow the industrial quality standard this LCD panel will include minimum 3 bright or dead pixels on viewable area and maxium total 5 bright or dead pixels on whole LCD panel.



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Deliverables

1	10.4” Resistive Touch LCD Module with EMI Mesh & Optical Bonding
2	ADM-0202 USB Touch Control Board
3	AD Board
4	OSD Keyboard
5	LVDS Cable
6	OSD Keyboard with Cable

Ordering Information

Model Name	Description	Unit
MIC-D1004	10.4” Resistive Touch LCD Module with EMI Mesh & Optical Bonding	1