MIC-D1301

13.3” Resistive Touch LCD Module with EMI Mesh & Optical Bonding

Features

- 13.3” LCD Size
- 1920 x 1080 Resolution
- Resistive Touch Screen
- AG/AR Strengthen Touch Glass
- 1000 nits Brightness
- EMI Mesh, Optical Bonding

Appearance

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Revision Table

Date	Revision	Content	By
2025/6/20	0.1	First Draft	Mark

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Specification

LCD Panel	
LCD Size	13.3” TFT LCD
Backlight	LED
Resolution	1920 x 1080
Interface	LVDS
View Angle	± 85° (H), ±85° (V)
Luminance	1000 nits (After Bonding)
Contrast Ratio	1000:1
Aspect Ratio	16:9
Response Time	20 (Tr+Tf) ms
No. of Colour	16.7 Million
Active Area	293.76 x 165.24 mm
Pixel Pitch	0.153(H) x 0.153 (V)
LED Life Time	50,000 Hrs
Touch Screen	
Touch Type	5-Wire Resistive Touch
Active Area	522.4 x 328 mm
Touch Interface	USB
Touch Glass	AG/AR Strengthen Glass
EMI Mesh	Yes
Optical Bonding	Yes
Touch Drives	Support Windows, Linux, Mac, etc.

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Environment Compliance

Operating Temp.	-20°C to +60°C
Storage Temp.	-30°C to +70°C
Humidity	Ta≦40°C, 95%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

Environmental performance may vary according to the integration method or final integration scenario.

Deliverables

1	13.3” Resistive Touch LCD Module with EMI Mesh & Optical Bonding
2	USB Touch Control Board

Ordering Information

Model Name	Description	Unit
MIC-D1301	13.3” Resistive Touch LCD Module with EMI Mesh & Optical Bonding	1