

MIC-D1509

15.6" LCD Module with EMI Mesh & Optical Bonding

Features

- 15.6" LCD Size
- 1920 x 1080 Resolution
- 700 nits Brightness (After Bonding)
- -20 to 70°C Operating Temperature
- EMI Mesh, Optical Bonding
- Strengthen Glass $\geq 5H$

Appearance





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Revision Table

Date	Revision	Content	By
2025/4/8	0.1	First Draft	Dennis

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Specification

LCD Panel	
LCD Size	15.6" TFT LCD
Backlight	LED
Resolution	1920 x 1080
No. of Colours	16.7M
NTSC	57%
View Angle	± 89° (H), ±89° (V)
Luminance	700 nits (After Bonding)
Contrast Ratio	1200:1
Pixel Pitch	0.17925 x 0.17925mm
Aspect Ratio	16:9
LCD Panel Life time	30,000 Hrs.
Interface	LVDS
Response Time	30ms (Tr+Tf)
Active Area	476.064(W) x 267.786(H) mm
Cover Glass & Optical Bonding	
EMI Mesh	Yes
Optical Bonding	Yes
Cover Glass	Strengthen Glass
Glass Surface Hardness	≥5H

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Environment Compliance

Operating Temp.	-20°C to +70°C
Storage Temp.	-30°C to +80°C
Humidity	Ta≤40°C, 90%RH, Non-Condensing
Shock	Design to meet MIL-STD-810G
Vibration	Design to meet MIL-STD-810G
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.

Deliverables

1	15.6" LCD Module with EMI Mesh & Optical Bonding
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Ordering Information

Model Name	Description	Unit
MIC-D1509	15.6" LCD Module with EMI Mesh & Optical Bonding	1

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