

MIC-D1508

15.6" Capacitive Touch LCD Kits with EMI Mesh & Optical Bonding

Features

- 15.6" LCD Size
- 1920 x 1080 Resolution
- 400 nits Brightness (After Bonding)
- -30 to + 80°C Operating Temperature
- Capacitive Touch Screen
- EMI Mesh, Optical Bonding
- AD Board with HDMI & VGA Output, 12VDC Input

Appearance





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Revision Table

Date	Revision	Content	By
2025/3/10	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	16.2M
View Angle	$\pm 85^{\circ}$ (H), $\pm 85^{\circ}$ (V)
Luminance	400 nits (After Bonding)
Contrast Ratio	800:1
Pixel Pitch	0.17925 x 0.17925mm
Aspect Ratio	16:9
LCD Panel Life time	50,000 Hrs.
Interface	LVDS
Response Time	25ms (Tr+Tf)
Active Area	344.16(W) x 193.59(H) mm
Touch Glass	
EMI Mesh	Yes
Optical Bonding	Yes
Cover Glass	Capacitive Multi-Touch Glass
Interface	USB
Glass Surface Hardness	$\geq 5H$

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Specification

AD Board (ADM-H1201)	
Power Input	12VDC
Input Sources	VGA, HDMI, Audio Input
Audio Output	1.4W + 1.4W at Ohm Speaker
OSD	Multi Language OSD Menu; Buttons: Power ON/OFF, Menu, Adjust -, Adjust +

Environment Compliance

Operating Temp.	-30°C to +80°C
Storage Temp.	-40°C to +85°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.



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Deliverables

1	15.6” Capacitive Touch LCD Kits with EMI Mesh & Optical Bonding
2	ADM-H1201 AD Board (1xHDMI, 1xVGA)
3	LVDS Cable
4	Backlight Cable
5	USB Touch Control Board
6	USB Touch Cable
7	OSD Cable
8	OSD Keyboard

Ordering Information

Model Name	Description	Unit
MIC-D1508	15.6” Capacitive Touch LCD Kits with EMI Mesh & Optical Bonding	1

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