

MIC-D1504

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

Features

- 15.6" 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
2023/11/13	0.1	First Proposal	Dennis
2023/12/15	1	Sync to Rev 1 after Proposal	Dennis
2024/4/1	2	IC EOL, LCD Replacement	Dennis

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Specification

LCD Panel	
LCD Size	15.6" TFT LCD
Backlight	LED
Resolution	1920 x 1080
Interface	eDP 1.2
View Angle	80/ 80 / 80/ 80 (T/B/L/R)
Luminance	1000 nits (After Bonding)
Contrast Ratio	1000:1
Aspect Ratio	16:9
Response Time	30ms
No. of Colour	16.7M
Active Area	344.16 x 193.59 mm
Pixel Pitch	59.75 x 179.25 μ m
LED Life time	50,000 Hrs
Touch Screen	
Touch Type	5 Wires Resistive Touch
Active Area	345.16 x 194.59 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.	-30°C to +65°C (With Heater)
Storage Temp.	-40°C to +70°C
Humidity	10 to 90%, Non-Condensing
Shock & Vibration	Design to meet MIL-STD-810G
EMI/EMC	Design to meet MIL-STD461E/F

Note: 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" Resistive Touch LCD Module with EMI Mesh & Optical Bonding
2	USB Touch Control Board
3	USB Touch Cable

Ordering Information

Model Name	Description	Unit
MIC-D1504	15.6" Resistive Touch LCD Module with EMI Mesh & Optical Bonding	1

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