

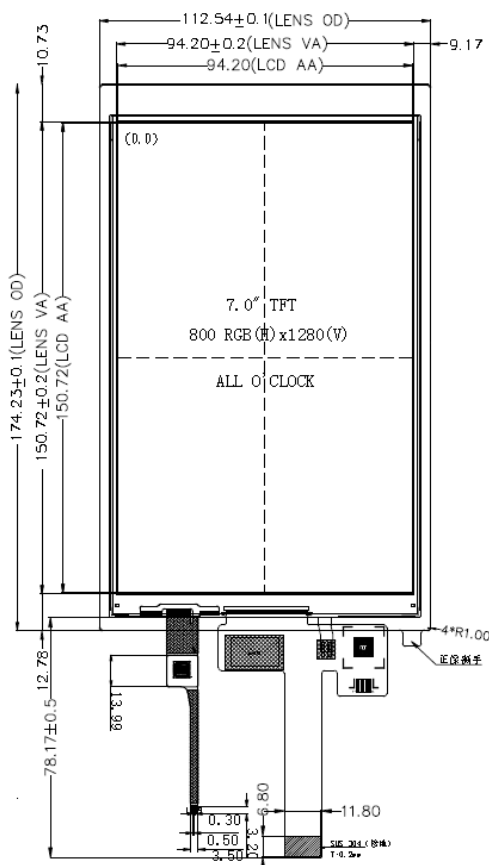
MIC-D0709

7" Capacitive Touch LCD Module with EMI Mesh & Optical Bonding

Features

- 7" LCD Size
- 1280 x 800 Resolution
- Support Capacitive Touch
- 900 nits Brightness
- EMI Mesh, Optical Bonding
- Support Sunlight Readable
- MIPI Interface

Appearance





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Revision Table

Date	Revision	Content	By
2024/5/27	0.1	First Revised Proposal	Dennis
2025/6/30	0.2	Add Drawing and Disclaimer	Mark

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Specification

LCD Panel	
LCD Size	7" TFT LCD
Backlight	LED
Resolution	1280 x 800
Interface	MIPI
View Angle	85/85/85/85
Luminance	900 nits (After Bonding), Sunlight Readable
Contrast Ratio	800:1
Aspect Ratio	16:10
Response Time	35ms (TR+TF)
No. of Colour	16.7M
Active Area	150.72 x 94.2 mm
Pixel Pitch	0.11775 x 0.11775 mm
LED Life time	50,000 Hrs
Touch Screen	
Touch Type	Capacitive Multi Touch
Active Area	150.72 x 94.2 mm
Touch Glass	AG/AR Strengthen Glass 6H.
EMI Mesh	Yes
Optical Bonding	Yes
Touch Drives	Support Windows, Linux, Mac, etc.
Interface	I2C
IC	GT911



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Environment Compliance

Operating Temp.	-30°C to +65°C
Storage Temp.	-30°C to +70°C
Humidity	10 to 95%, Non-Condensing
Shock & Vibration	Design to Meet MIL-STD-810G
EMI/EMC	Design to Meet MIL-STD-461E/F

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

Deliverables

1	7" Capacitive Touch LCD Module with EMI Mesh & Optical Bonding
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Ordering Information

Model Name	Description	Unit
MIC-D0709	7" Capacitive Touch LCD Module with EMI Mesh & Optical Bonding	1

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