

SLM-MN084M1-E

8.4" LCD Module with Bezel

Features

- Operating Temperature: -40°C To $+80^{\circ}\text{C}$
- Storage Temperature: -40°C To $+90^{\circ}\text{C}$
- Optical Bonding: EMI Mesh With Optical Bonding
- LED Life Time: 70,000 Hours (Min)
- EMI/EMC Is Designed to Meet ML-STD-461E/F
- Shock Is Designed to Meet MIL-STD-810D
- Vibration Is Designed to Meet MIL-STD-810E

Appearance





SLM-MN084M1-E

8.4" LCD Module with Bezel

Revision Table

Date	Revision	Content	By
2025/2/27	0.1	New datasheet update	Mark

SLM-MN084M1-E

8.4" LCD Module with Bezel

Specification

LCD Panel	
LCD Size	8.4 inch TFT
Backlight	LED
Resolution	1024 x 768
Interface	LVDS
View Angle	$\pm 89^{\circ}$ (H), $\pm 89^{\circ}$ (V)
Luminance	800 nits (After Bonding)
Contrast Ratio	1200:1
Aspect Ratio	4:3
Response Time	8 ms
No. of color	16.7 M
Active Area	170.4 x 127.8 mm
Pixel Pitch	0.1665 (H) x 0.1665 (V)
LED Life time	70,000 Hr
EMI Mesh	Yes
Optical Bonding	Yes
Cover Glass	AR/AG Strengthen Glass

SLM-MN084M1-E

8.4" LCD Module with Bezel

Environment Compliance

Operating Temp.	-40°C to +80°
Storage Temp.	-40°C to +90°
Humidity	Ta≤40°C, 95%RH, non-condensing
Shock	Design to Meet MIL-STD810D
Vibration	Design to Meet MIL-STD810E
EMI/EMC	Design to Meet MIL-STD461E/F

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

Deliverables

1	8.4" LCD Module with Bezel
---	----------------------------

Ordering Information

Model Name	Description	Unit
SLM-MN084M1-E	8.4" LCD Module with Bezel	1

Disclaimer

This datasheet is for informational purposes only and does not constitute professional advice, a contractual obligation, or a guarantee of any kind. While efforts have been made to ensure accuracy, ACT POWER TAIWAN makes no representations or warranties, express or implied, regarding its completeness or reliability. ACT POWER TAIWAN reserves the right to update, modify, or withdraw this document at any time without prior notice. Users should verify the suitability of the product for their specific application through independent testing and validation. ACT POWER TAIWAN shall not be liable for any direct, indirect, or consequential damages arising from the use of this document.