

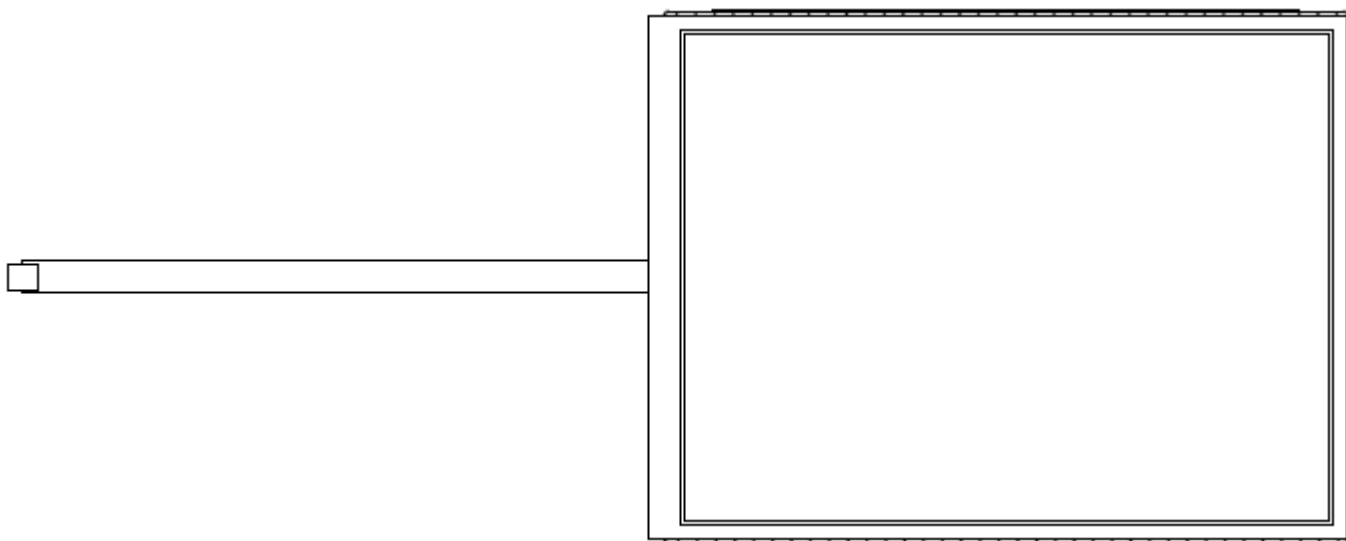
# MIC-D1506

15" Resistive Touch LCD Module with EMI Mesh & Optical Bonding & AD Board LCD Kits

## Features

- 15" LCD Size
- 1024 x 768 Resolution
- Resistive Touch Screen
- AG Strengthen Touch Glass
- 700 nits Brightness
- EMI Mesh, Optical Bonding
- Provided with AD Board

## Appearance





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## Revision Table

| Date      | Revision | Content                 | By     |
|-----------|----------|-------------------------|--------|
| 2024/1/9  | 0.1      | First Draft             | Dennis |
| 2024/3/12 | 0.2      | Revise AD Board Details | Dennis |

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## Specification

| LCD Panel       |                                        |
|-----------------|----------------------------------------|
| LCD Size        | 15-inch TFT LCD                        |
| Backlight       | LED                                    |
| Resolution      | 1024 x 768                             |
| Interface       | LVDS                                   |
| View Angle      | $\pm 88^\circ$ (H), $\pm 88^\circ$ (V) |
| Luminance       | 700 nits (after Bonding)               |
| Contrast Ratio  | 2500:1                                 |
| Aspect Ratio    | 4:3                                    |
| Response Time   | 13 (Tr+Tf) ms                          |
| No. of Colour   | 16.7 Million (8 bit/colour)            |
| Active Area     | 304.1 x 228.1 mm                       |
| Pixel Pitch     | 0.297 (H) x 0.297 (V)                  |
| LED Life Time   | 50,000 hrs                             |
| Touch Screen    |                                        |
| Touch Type      | 5-Wire Resistive Touch                 |
| Viewable Area   | 311.1 x 235.1 mm                       |
| Active Area     | 307.1 x 231.1 mm                       |
| Touch Interface | USB                                    |
| Touch Glass     | AR/AG Strengthen Glass                 |
| EMI Mesh        | Yes                                    |
| Optical Bonding | Yes                                    |
| Touch Drives    | Support Windows, Linux, Mac, etc.      |

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## Environment Compliance

|                 |                                |
|-----------------|--------------------------------|
| Operating Temp. | -20°C to +70°C                 |
| Storage Temp.   | -40°C to +70°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" Resistive Touch LCD Module with EMI Mesh & Optical Bonding |
| 2 | USB Touch Control Board & USB Touch Cable                      |
| 3 | AD Board                                                       |
| 4 | LVDS Cable                                                     |
| 5 | LED Driver Board                                               |
| 6 | LED Driver Board Cable                                         |
| 7 | Panel Backlight Cable                                          |

## Ordering Information

| Model Name | Description                                                                    | Unit |
|------------|--------------------------------------------------------------------------------|------|
| MIC-D1506  | 15" Resistive Touch LCD Module with EMI Mesh & Optical Bonding & AD Board Kits | 1    |

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