

Single-touch 4-wire Resistive Touch Screen
Light-touch type

LST Series



Respond to Light Touch

Smartphone-like Operation

02

Flick input

Flick input is easier than an ordinary resistive touch screen due to light-touch operability.



01

Light touch like smartphone

Light-touch operability is realized by a smooth film material and DMC's own manufacturing technology.



FEATURES

03

Multi-touch gesture operation

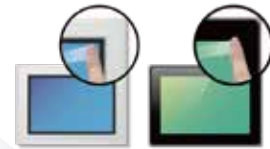
Zooming and rotating operation with 2-point touch are available with TSC-52 controller.



05

Full flat design by customization

Bezel-less flat interface can be realized with an overlay film added on the surface of the touch screen.



04

Wide range of size lineup

Standard models from 4.3" to 21.5" can meet the market demands for various applications and products.



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Light-touch Sensor Panel

Lineup of LST series

| Product No. | Size | FPC Length (mm) /Location / Pitch(mm) | Outline (mm) | Viewing Area (mm) | Active Area (mm) | Thickness (mm) |
|-------------------|-------|--|---------------|-------------------|------------------|----------------|
| LST-043WB060B | 4.3w | 60 / Bottom / 1.00 | 105.4 x 67.1 | 97.54 x 55.86 | 95.54 x 54.36 | 1.4 |
| LST-057B080A | 5.7 | 80 / Left / 1.25 | 131.4 x 103.0 | 119.7 x 90.9 | 115.7 x 86.9 | 1.4 |
| LST-065B080A | 6.5 | 80 / Left / 1.25 | 147.3 x 114.3 | 136.98 x 103.86 | 132.98 x 99.86 | 1.4 |
| LST-070WB080A | 7w | 80 / Left / 1.25 | 165.0 x 104.0 | 155.9 x 94.94 | 152.9 x 91.94 | 1.4 |
| LST-084B080A | 8.4 | 80 / Left / 1.25 | 185.6 x 143.3 | 174.9 x 132.3 | 170.9 x 128.3 | 2.1 |
| LST-090WB080A | 9w | 80 / Left / 1.25 | 214.2 x 135.5 | 201.3 x 122.58 | 197.3 x 118.58 | 2.1 |
| LST-101WB080A | 10.1w | 80 / Left / 1.25 | 234.7 x 153.0 | 221.46 x 140.1 | 217.46 x 136.1 | 2.1 |
| LST-101WB080A/WS* | 10.1w | 80 / Left / 1.25 | 235.0 x 143.0 | 227.22 x 129.78 | 223.22 x 125.78 | 2.1 |
| LST-104B080A | 10.4 | 80 / Left / 1.25 | 227.6 x 175.4 | 215.7 x 162.9 | 211.7x 158.9 | 2.1 |
| LST-121B080A | 12.1 | 80 / Left / 1.25 | 263.0 x 201.0 | 250.5 x 189.0 | 246.5 x 185.0 | 2.1 |
| LST-121WB080A | 12.1w | 80 / Left / 1.25 | 278.4 x 180.7 | 265.62 x 167.7 | 261.62 x 163.7 | 2.1 |
| LST-150B080A | 15 | 80 / Left / 1.25 | 328.0 x 252.0 | 308.63 x 232.6 | 304.63 x 228.6 | 2.1 |
| LST-156WB080A | 15.6w | 80 / Left / 1.25 | 361.5 x 210.2 | 348.73 x 198.04 | 344.73 x 194.04 | 2.1 |
| LST-185WB080A | 18.5w | 80 / Left / 1.25 | 428.5 x 250.0 | 414.3 x 234.9 | 410.3 x 230.9 | 2.1 |
| LST-190B080A | 19w | 80 / Left / 1.25 | 400.6 x 326.4 | 380.8 x 305.6 | 376.8 x 301.6 | 2.1 |
| LST-215WB080A | 21.5w | 80 / Left / 1.25 | 500.3 x 293.2 | 480.56 x 272.29 | 476.56 x 268.29 | 2.1 |

*LST-101WB080A/WS is Built-to-Order.
Please ask our sales representative for MOQ.

Controller

TSC-54/52 Series

| Product No. | Type of Controller | Interface | Gesture Operation | EEPROM | Connector Pitch (mm) | Dimensions (mm) |
|-------------|--------------------|-------------|-------------------|--------|----------------------|--|
| TSC-50/IC | IC | Serial /USB | | | - | 9.0×9.0×1.7 LQFP48 pins |
| TSC-52/IC | IC | USB | ✓ | | - | 9.0×9.0×1.7 LQFP48 pins |
| TSC-54/U-L | Board | USB | | | 1.25 | 53×30(Maximum height 4.8) |
| TSC-54/RU | Board | RS-232C/USB | | ✓ | 1.25 | 53×30(Maximum height 4.8) |
| TSC-54/RU-F | Board | RS-232C/USB | | ✓ | 1.00 | 53×30 (Maximum height 4.8 : back surface 3) |
| TSC-52/U | Board | RS-232C/USB | ✓ | ✓ | 1.25 | 53×30(Maximum height 4.8) |
| TSC-52/U-F | Board | RS-232C/USB | ✓ | ✓ | 1.00 | 53×30(Maximum height 4.8) |