



PINOUT ON THE 2ND PAGE

TFT NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. RESOLUTION: 240*240
3. VIEWING ANGLE: FREE
4. DRIVER IC: ST7789P3
5. OPERATING VOLTAGE: $V_{DD}=2.8V$
6. SURFACE LUMINANCE: $750cd/m^2$
7. BACKLIGHT: 3 WHITE LEDS, $V_f=2.9V$, $I_f=60mA$

TP NOTES:

1. TP STRUCTURE: GFF
2. CG THICKNESS: 1.10mm
3. DRIVER IC: ILI2130
4. SURFACE HARDNESS: $\geq 6H$
5. TRANSMITTANCE: $>85\%$

GENERAL NOTES:

1. OPERATING TEMPERATURE: $-20^{\circ}C \sim 70^{\circ}C$
2. STORAGE TEMPERATURE: $-30^{\circ}C \sim 80^{\circ}C$
3. WITHOUT INDIVIDUAL TOLERANCE: $\pm 0.2mm$
4. RoHS COMPLIANT

| | | | |
|--------------------------|------------|--------|--|
| PN: RVT15MDTNWC00-B V2 | | | |
| SN: | | | |
| DRAWN: M.Stabinski | 2026.05.26 | 1:0.48 | |
| CHECKED: K. Szymanski | 2026.05.26 | [mm] | |
| APPR: A. Demko-Karolczuk | 2026.05.26 | ISO A3 | |



| LCD CONNECTOR | | | |
|---------------|-------|---------|---------|
| Pin No. | Desc. | Pin No. | Desc. |
| 1 | LEDK | 11 | IOVCC18 |
| 2 | LEDK | 12 | IOVCC18 |
| 3 | GND | 13 | VCC28 |
| 4 | GND | 14 | VCC28 |
| 5 | FMARK | 15 | GND |
| 6 | SDA | 16 | GND |
| 7 | LSAO | 17 | NC |
| 8 | SCL | 18 | NC |
| 9 | CS | 19 | LEDA |
| 10 | RESET | 20 | LEDA |

| TOUCH PANEL CONNECTOR | | | |
|-----------------------|-------|---------|-------|
| Pin No. | Desc. | Pin No. | Desc. |
| 1 | RST | 4 | SCL |
| 2 | INT | 5 | GND |
| 3 | SDA | 6 | VDD |