

8" / 8.4" Industrial TFT-Displays

- 8.0" WVGA / Bartype
- 8.4" SVGA Standard Brightness
- 8.4" XGA Standard Brightness
- 8.4" VGA / SVGA High Brightness
- 8.4" XGA High Brightness





8" TFT-Displays

WVGA / Bartype

| | | |
|---|----------------------------------|-------------------------------|
| Panel | NL8048AC21-01F | GWTS80MNFG1E0 |
| Manufacturer | NLT | SGD |
| Type | TN | IPS |
| Viewing angle (v/h) | 160°/160° | 170°/170° |
| Resolution | WVGA 800x480 | Bartype 1600x480 |
| Input | LVDS | LVDS |
| BLU/Converter integrated | LED/YES | LED/NO |
| Brightness (cd/m²) | 1000 | 450 |
| Temperature operating (°C) | -30...+80 | -20...+70 |
| | | |
| | Touch Screen | |
| Analog Resistive Touch Sensor | ✓ | ✓ |
| Projected Capacitive Touch Sensor | ✓ | ✓ |
| | | |
| | Industrial TFT-Controller | |
| Serial stand alone GUI TFT-Controller | ✓ | |
| USB-Client to LVDS TFT-Controller | ✓ | ✓ |
| RGB/DVI to LVDS TFT-Controller | ✓ | ✓ |
| Ask for Options: HDMI, DP, Video, Audio | ✓ | ✓ |

All combinations are possible.
For more information contact our [sales](#).



8.4" TFT-Displays

SVGA Standard Brightness

| Panel | G084SN05V9 | AA084SB01 | AA084SC01 | AA084SD01 | NL8060BC21-11 |
|---|----------------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|
| Manufacturer | AUO | Mitsubishi | Mitsubishi | Mitsubishi | NLT |
| Type | TN | TN | IPS | TN | TN |
| Viewing angle (v/h) | 140°/160° | 140°/160° | 170°/170° | 140°/160° | 160°/160° |
| Resolution | SVGA 800x600 | SVGA 800x600 | SVGA 800x600 | SVGA 800x600 | SVGA 800x600 |
| Input | LVDS | LVDS | LVDS | LVDS | LVDS |
| BLU/Converter integrated | LED/YES | LED/NO | LED/YES | LED/YES | LED/NO |
| Brightness (cd/m²) | 450 | 600 | 600 | 600 | 400 |
| Temperature operating (°C) | -30...+85 | -30...+80 | -30...+80 | -30...+80 | -30...+80 |
| | <i>Reverse Pin</i> | <i>Reverse Pin</i> | | | <i>Reverse Pin</i> |
| | Touch Screen | | | | |
| Analog Resistive Touch Sensor | ✓ | ✓ | ✓ | ✓ | ✓ |
| Projected Capacitive Touch Sensor | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Industrial TFT-Controller | | | | |
| Serial stand alone GUI TFT-Controller | ✓ | ✓ | ✓ | ✓ | ✓ |
| USB-Client to LVDS TFT-Controller | ✓ | ✓ | ✓ | ✓ | ✓ |
| RGB/DVI to LVDS TFT-Controller | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ask for Options: HDMI, DP, Video, Audio | ✓ | ✓ | ✓ | ✓ | ✓ |

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8.4" TFT-Displays

XGA Standard Brightness

| Panel | AA084XB01 | AA084XE01 | AA084XD01 |
|---|----------------------------------|---------------------------|---------------------------|
| Manufacturer | Mitsubishi | Mitsubishi | Mitsubishi |
| Type | TN | TN | IPS |
| Viewing angle (v/h) | 140°/160° | 140°/160° | 170°/170° |
| Resolution | XGA 1024x768 | XGA 1024x768 | XGA 1024x768 |
| Input | LVDS | LVDS | LVDS |
| BLU/Converter integrated | LED/NO | LED/YES | LED/YES |
| Brightness (cd/m²) | 500 | 500 | 600 |
| Temperature operating (°C) | -30...+80 | -30...+80 | -30...+80 |
| | | | |
| | Touch Screen | | |
| Analog Resistive Touch Sensor | ✓ | ✓ | ✓ |
| Projected Capacitive Touch Sensor | ✓ | ✓ | ✓ |
| | | | |
| | Industrial TFT-Controller | | |
| Serial stand alone GUI TFT-Controller | ✓ | ✓ | ✓ |
| USB-Client to LVDS TFT-Controller | ✓ | ✓ | ✓ |
| RGB/DVI to LVDS TFT-Controller | ✓ | ✓ | ✓ |
| Ask for Options: HDMI, DP, Video, Audio | ✓ | ✓ | ✓ |

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8.4" TFT-Displays

VGA / SVGA High Brightness

| Panel | AA084VG01 | AA084VJ01 | AA084SB11 | AA084SD11 | TCG084SVLQxPNN-ANx33 |
|---|----------------------------------|---------------------------|---------------------------|---------------------------|--------------------------------------|
| Manufacturer | Mitsubishi | Mitsubishi | Mitsubishi | Mitsubishi | Kyocera |
| Type | TN | TN | TN | TN | AWV* |
| Viewing angle (v/h) | 140°/160° | 140°/160° | 140°/160° | 140°/160° | 170°/170° |
| Resolution | VGA 640x480 | VGA 640x480 | SVGA 800x600 | SVGA 800x600 | SVGA 800x600 |
| Input | TTL | LVDS | LVDS | LVDS | LVDS |
| BLU/Converter integrated | LED/NO | LED/YES | LED/NO | LED/NO | LED/YES |
| Brightness (cd/m²) | 800 | 800 | 1200 | 1200 | 1200 |
| Temperature operating (°C) | -30...+80 | -30...+80 | -30...+80 | -30...+80 | -30...+80 |
| | | | | | * <i>Advanced Wide View</i> |
| | Touch Screen | | | | |
| Analog Resistive Touch Sensor | ✓ | ✓ | ✓ | ✓ | ✓ |
| Projected Capacitive Touch Sensor | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Industrial TFT-Controller | | | | |
| Serial stand alone GUI TFT-Controller | ✓ | ✓ | ✓ | ✓ | ✓ |
| USB-Client to LVDS TFT-Controller | ✓ | ✓ | ✓ | ✓ | ✓ |
| RGB/DVI to LVDS TFT-Controller | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ask for Options: HDMI, DP, Video, Audio | ✓ | ✓ | ✓ | ✓ | ✓ |

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8.4" TFT-Displays


XGA High Brightness

| Panel | <u>AA084XB11</u> | <u>AA084XE11</u> |
|---|----------------------------------|----------------------------------|
| Manufacturer | Mitsubishi | Mitsubishi |
| Type | TN | TN |
| Viewing angle (v/h) | 140°/160° | 140°/160° |
| Resolution | XGA 1024x768 | XGA 1024x768 |
| Input | LVDS | LVDS |
| BLU/Converter integrated | LED/NO | LED/NO |
| Brightness (cd/m²) | 1000 | 1000 |
| Temperature operating (°C) | -30...+80 | -30...+80 |
| | Touch Screen | |
| Analog Resistive Touch Sensor | ✓ | ✓ |
| Projected Capacitive Touch Sensor | ✓ | ✓ |
| | Industrial TFT-Controller | |
| <u>Serial stand alone GUI TFT-Controller</u> | ✓ | ✓ |
| <u>USB-Client to LVDS TFT-Controller</u> | ✓ | ✓ |
| <u>RGB/DVI to LVDS TFT-Controller</u> | ✓ | ✓ |
| Ask for Options: HDMI, DP, Video, Audio | ✓ | ✓ |

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