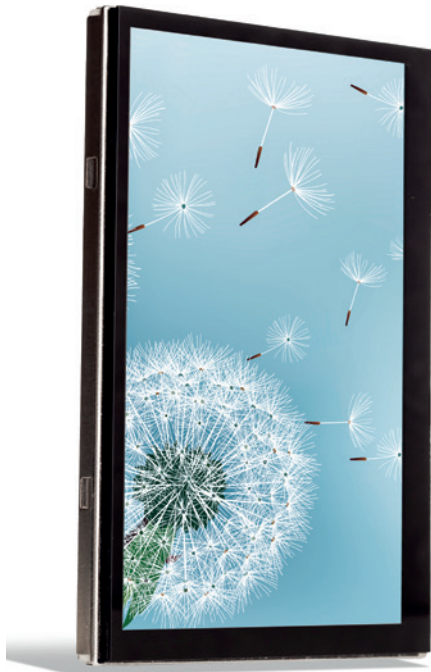


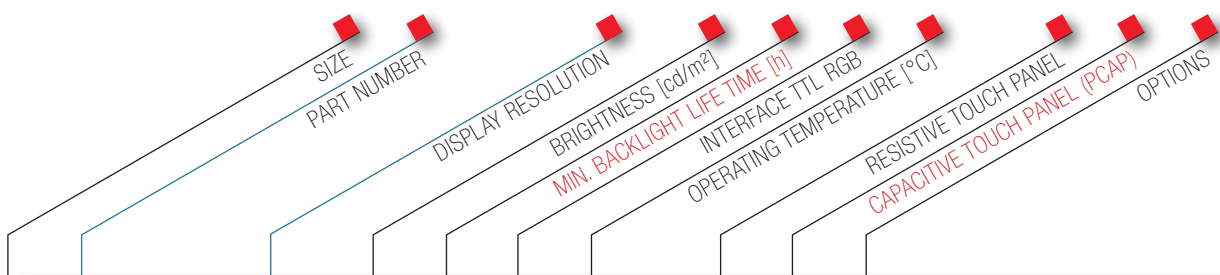
TFT-DISPLAYS – SUNLIGHT READABLE



Solomon Goldentek Display (SGD) started up more than 20 years ago as a subsidiary of the Taiwan semiconductor group Solomon Technology Corporation. SGD specialises in extremely high-quality TFT modules in the range 3.5 to 12.1 inches which are particularly suitable for industrial applications. A further strength of SGD are sunlight readable TFT modules in the range 3.5 to 12.1 inches. The displays have a high bright backlight up to 1,500 cd/m². Furthermore, an additional Low-Reflection Polarizer can be assembled, which reduces the reflection rate significantly.

Overview of the advantages of Solomon Goldentek Display (SGD) TFT modules:

- » Modules available in high bright and super high bright versions
- » Minimum backlight lifetime of up to 50,000 hours
- » Extended operating temperature range -30°C ... +85°C
- » **5-year operational guarantee on workmanship and interface**

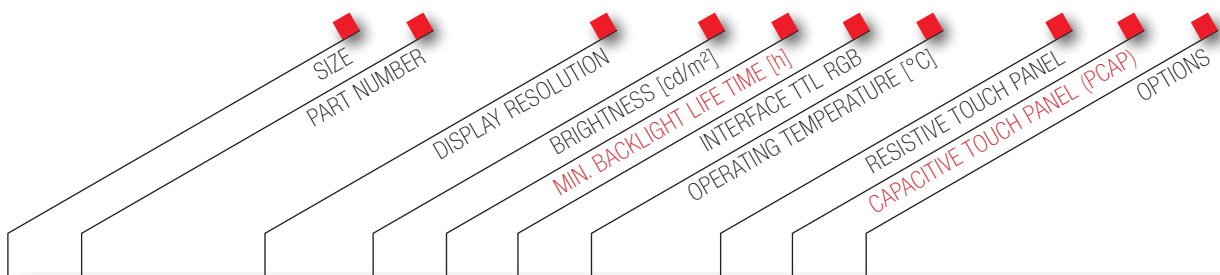


TFT-DISPLAYS – SUNLIGHT READABLE 3.5" - 4.3"

| | | | | | | | | | |
|------|---------------|-----------|-------|------|---|-------------|---|---|----------------------------------|
| 3.5" | GVTQ35SNAD1E0 | 320 x 240 | 800 | 50 k | • | -20 ... +70 | | | CPU Interface, O-Film (All-View) |
| 3.5" | GVTQ35SPAD2R0 | 320 x 240 | 640 | 50 k | • | -20 ... +70 | • | | CPU Interface, O-Film (All-View) |
| 3.5" | GVTQ35SCAD1C0 | 320 x 240 | 700 | 50 k | • | -20 ... +70 | | • | CPU Interface, O-Film (All-View) |
| 3.5" | GVTQ35TNAD1E0 | 320 x 240 | 800 | 50 k | • | -30 ... +85 | | | |
| 3.5" | GVTQ35TPAD2R0 | 320 x 240 | 640 | 50 k | • | -30 ... +85 | • | | |
| 3.5" | GVTQ35T | 320 x 240 | 700 | 50 k | • | -30 ... +85 | | • | |
| 4.3" | GKCY43SNAH2E0 | 480 x 272 | 1.000 | 50 k | • | -20 ... +70 | | | CPU Interface, O-Film (All-View) |
| 4.3" | GKCY43SPA1R0 | 480 x 272 | 800 | 50 k | • | -20 ... +70 | • | | CPU Interface, O-Film (All-View) |
| 4.3" | GKCY43SCAH2C0 | 480 x 272 | 880 | 50 k | • | -20 ... +70 | | • | CPU Interface, O-Film (All-View) |
| 4.3" | GVCY43TNAH2E0 | 480 x 272 | 1.000 | 50 k | • | -30 ... +85 | | | |
| 4.3" | GVCY43TPA1R0 | 480 x 272 | 800 | 50 k | • | -30 ... +85 | • | | |
| 4.3" | GVCY43T | 480 x 272 | 880 | 50 k | • | -30 ... +85 | | • | |

Reserve technical changes!

TFT-DISPLAYS – SUNLIGHT READABLE



TFT-DISPLAYS – SUNLIGHT READABLE 5.0" - 12.1"

| SIZE | PART NUMBER | DISPLAY RESOLUTION | BRIGHTNESS [cd/m ²] | MIN. BACKLIGHT LIFE TIME [h] | INTERFACE TTL RGB | OPERATING TEMPERATURE [°C] | RESISTIVE TOUCH PANEL | CAPACITIVE TOUCH PANEL (PCAP) | OPTIONS |
|-------|----------------|--------------------|---------------------------------|------------------------------|-------------------|----------------------------|-----------------------|-------------------------------|-----------------------------------|
| 5.0" | GVTW50SNAL3E0 | 800 x 480 | 700 | 50 k | • | -20 ... +70 | | | LVDS Interface, O-Film (All-View) |
| 5.0" | GVTW50SPBC3R0 | 800 x 480 | 600 | 50 k | • | -20 ... +70 | • | | LVDS Interface, O-Film (All-View) |
| 5.0" | GVTW50SCAL3C0 | 800 x 480 | 600 | 50 k | • | -20 ... +70 | | • | LVDS Interface, O-Film (All-View) |
| 5.0" | GVTW50T | 800 x 480 | 700 | 50 k | • | -30 ... +85 | | | LVDS Interface |
| 5.0" | GVTW50T | 800 x 480 | 600 | 50 k | • | -30 ... +85 | • | | LVDS Interface |
| 5.0" | GVTW50T | 800 x 480 | 600 | 50 k | • | -30 ... +85 | | • | LVDS Interface |
| 5.7" | GVTV57SNAF1E0 | 640 x 480 | 900 | 30 k* | • | -20 ... +70 | | | LVDS Interface, O-Film (All-View) |
| 5.7" | GVTV57SPAFA2R0 | 640 x 480 | 700 | 30 k* | • | -20 ... +70 | • | | LVDS Interface, O-Film (All-View) |
| 5.7" | GVTV57SCAF1C0 | 640 x 480 | 800 | 30 k* | • | -20 ... +70 | | • | LVDS Interface, O-Film (All-View) |
| 5.7" | GVTV57TNAF1E0 | 640 x 480 | 900 | 50 k | • | -30 ... +80 | | | LVDS Interface |
| 5.7" | GVTV57TPAF2R0 | 640 x 480 | 700 | 50 k | • | -30 ... +80 | • | | LVDS Interface |
| 5.7" | GVTV57T | 640 x 480 | 800 | 50 k | • | -30 ... +80 | | • | LVDS Interface |
| 7.0" | GVTW70SNAG1E0 | 800 x 480 | 1.000 | 40 k | • | -20 ... +70 | | | LVDS Interface, O-Film (All-View) |
| 7.0" | GVTW70SPAHA1R0 | 800 x 480 | 800 | 40 k | • | -20 ... +70 | • | | LVDS Interface, O-Film (All-View) |
| 7.0" | GVTW70SCAG1C0 | 800 x 480 | 880 | 40 k | • | -20 ... +70 | | • | LVDS Interface, O-Film (All-View) |
| 7.0" | GVTW70TNAF1E0 | 800 x 480 | 1.000 | 40 k | • | -30 ... +85 | | | LVDS Interface |
| 7.0" | GVTW70TPAH1R0 | 800 x 480 | 800 | 40 k | • | -30 ... +85 | • | | LVDS Interface |
| 7.0" | GVTW70T | 800 x 480 | 880 | 40 k | • | -30 ... +85 | | • | LVDS Interface |
| 8.0" | GKNS80SNAJ1E0 | 800 x 600 | 1.300 | 50 k | • | -20 ... +70 | | | LVDS Interface, O-Film (All-View) |
| 8.0" | GVNS80SPCG1R0 | 800 x 600 | 1.000 | 50 k | • | -20 ... +70 | • | | LVDS Interface, O-Film (All-View) |
| 8.0" | GVNS80S | 800 x 600 | 1.100 | 50 k | • | -20 ... +70 | | • | LVDS Interface, O-Film (All-View) |
| 10.4" | GVTSA4TNBL4E0 | 800 x 600 | 1.500 | 50 k | LVDS | -20 ... +70 | | | O-Film (All-View) |
| 10.4" | GVTSA4TPBL5R0 | 800 x 600 | 1.200 | 50 k | LVDS | -20 ... +70 | • | | O-Film (All-View) |
| 10.4" | GVTSA4T | 800 x 600 | 1.200 | 50 k | LVDS | -20 ... +70 | | • | O-Film (All-View) |
| 12.1" | GKVG1MNDK2A0 | 1280 x 800 | 1.300 | 30 k | LVDS | -20 ... +70 | | | |
| 12.1" | GKVG1M | 1280 x 800 | 1.000 | 30 k | LVDS | -20 ... +70 | • | | |
| 12.1" | GKVG1MDDK2A0 | 1280 x 800 | 1.000 | 30 k | LVDS | -20 ... +70 | | • | |

* 50 k available for a purchase quantity of 1,000 pieces.

Reserve technical changes!