

TFT DISPLAYS



- » *long term availability of min. 3 to 5 years*
- » *industrial roadmap of wide-format TFT*
- » *Full LED-Backlight line up*

MARKET LEADER IN TFT DISPLAYS

easy
SOLUTIONS



easy
EMBEDDED



easy
PANEL



easy
BOARDS



Designed, developed and manufactured by **DATA MODUL**

- » pre-configured kits including embedded board, TFT and adapted cable set
- » customized baseboard design

- » plug & play display solution with integrated control functionality
- » touch panel integration under clean room conditions

- » TFT LCD controller board incl. certified accessories
- » complete TFT system fully tested and approved



| | Size (inch) | Size (cm) | Format | Resolution (dots) | Brightness (cd/m ²) | Contrast | Interface | Outline dimensions (mm) | Viewing angle (←→↑↓) | Backlight | Operating temperature | Special feature |
|-----------------------|-------------|-----------|--------|-------------------|---------------------------------|----------|----------------------|-------------------------|----------------------|---------------------|-----------------------|-----------------------|
| TFT DISPLAYS | | | | | | | | | | | | |
| G043FW01 V0 | 4.3 | 10.9 | wide | 480 x 272 | 450 | 400:1 | TTL 8-bit | 105.7 x 67.4 x 4.2 | 85/85/50/55 | LED w.o. converter | -20°C...+70°C | reversible scan |
| G057QN01 V2 | 5.7 | 14.5 | square | 320 x 240 | 800 | 800:1 | TTL 6-bit | 144 x 104.6 x 12.3 | 80/80/70/70 | LED incl. converter | -30°C...+85°C | reversible scan |
| G057VN01 V2 | 5.7 | 14.5 | square | 640 x 480 | 700 | 800:1 | TTL 6-bit | 144 x 104.6 x 12.3 | 80/80/70/70 | LED incl. converter | -30°C...+85°C | reversible scan |
| G065VN01 V2 | 6.5 | 16.5 | square | 640 x 480 | 800 | 600:1 | LVDS 6-bit/6-bit+FRC | 153 x 118 x 10.9 | 80/80/70/70 | LED incl. converter | -30°C...+80°C | sunlight readable |
| G070VW01 V0 | 7 | 17.8 | wide | 800 x 480 | 400 | 1000:1 | LVDS 6-bit/8-bit | 170 x 111 x 7.5 | 80/80/80/80 | LED incl. converter | -30°C...+85°C | reversible scan |
| G070VW01 V1 | 7 | 17.8 | wide | 800 x 480 | 350 | 500:1 | LVDS 6-bit/8-bit | 170 x 111 x 8 | 65/65/50/60 | LED incl. converter | -20°C...+70°C | reversible scan |
| G084SN03 V3 | 8.4 | 21.3 | square | 800 x 600 | 250 | 600:1 | LVDS 6-bit/8-bit | 203 x 142.5 x 5.7 | 80/80/80/60 | LED incl. converter | -20°C...+70°C | 30k hrs LED |
| G084SN05 V9 | 8.4 | 21.3 | square | 800 x 600 | 450 | 600:1 | LVDS 6-bit/8-bit | 203 x 142.5 x 8 | 80/80/80/60 | LED incl. converter | -30°C...+85°C | reversible scan |
| G085VW01 V0 | 8.5 | 21.6 | wide | 800 x 480 | 300 | 500:1 | TTL 6-bit | 210 x 134 x 10 | 80/80/80/60 | LED incl. converter | -30°C...+85°C | reversible scan |
| G104VN01 V1 | 10.4 | 26.4 | square | 640 x 480 | 450 | 700:1 | LVDS 6-bit/8-bit | 243 x 176.6 x 8 | 80/80/60/80 | LED incl. converter | -30°C...+85°C | reversible scan |
| G104SN02 V2 | 10.4 | 26.4 | square | 800 x 600 | 400 | 700:1 | LVDS 6-bit/8-bit | 243 x 184 x 8 | 80/80/60/80 | LED incl. converter | -30°C...+85°C | reversible scan |
| G104SN03 V5 | 10.4 | 26.4 | square | 800 x 600 | 230 | 500:1 | LVDS 6-bit/8-bit | 236 x 176.9 x 5.7 | 80/80/60/70 | LED incl. converter | -20°C...+70°C | reversible scan |
| A116XW02 V0 | 11.6 | 29.4 | wide | 1366 x 768 | 350 | 500:1 | LVDS 6-bit/6-bit+FRC | 282.2 x 168 x 11.6 | 60/60/55/60 | LED incl. converter | 0°C...+70°C | |
| G121SN01 V4 | 12.1 | 30.7 | square | 800 x 600 | 450 | 700:1 | LVDS 6-bit/8-bit | 279 x 209 x 9 | 80/80/65/75 | LED incl. converter | -30°C...+85°C | reversible scan |
| G121XN01 V0 | 12.1 | 30.7 | square | 1024 x 768 | 500 | 700:1 | LVDS 6-bit/8-bit | 279 x 209 x 9 | 80/80/80/80 | LED incl. converter | -30°C...+85°C | RGBW pixel structure |
| G150XG01 V2 | 15 | 38.1 | square | 1024 x 768 | 350 | 700:1 | LVDS 6-bit/8-bit | 326.5 x 253.5 x 12 | 80/80/80/60 | LED w.o. converter | -30°C...+85°C | reversible scan |
| G150XG01 V3 | 15 | 38.1 | square | 1024 x 768 | 400 | 700:1 | LVDS 6-bit/8-bit | 326.5 x 253.5 x 13.1 | 80/80/60/80 | LED incl. converter | -30°C...+85°C | RGBW pixel structure |
| G150XG01 V4 | 15 | 38.1 | square | 1024 x 768 | 350 | 700:1 | LVDS 6-bit/8-bit | 326.5 x 253.5 x 15.5 | 80/80/60/80 | LED incl. converter | -10°C...+60°C | PCap Touch integrated |
| G150XG03 V4 | 15 | 38.1 | square | 1024 x 768 | 250 | 700:1 | LVDS 6-bit/8-bit | 326.5 x 253.5 x 12 | 80/80/60/70 | LED incl. converter | -30°C...+85°C | |
| G156XW01 V1 | 15.6 | 39.6 | square | 1366 x 768 | 300 | 500:1 | LVDS 6-bit+FRC | 363.8 x 215.9 x 16.85 | 85/85/80/80 | LED incl. converter | 0°C...+60°C | |
| G170EG01 V1 | 17 | 43.2 | square | 1280 x 1024 | 350 | 1000:1 | LVDS 6-bit+FRC | 358.5 x 296.5 x 18 | 85/85/85/85 | LED incl. converter | -30°C...+85°C | |
| G173HW01 V0 | 17.3 | 43.9 | wide | 1920 x 1080 | 400 | 600:1 | LVDS 6-bit+FRC | 403 x 240 x 12.5 | 80/80/60/80 | LED incl. converter | 0°C...+70°C | |
| G185XW01 V1 | 18.5 | 46.9 | wide | 1366 x 768 | 300 | 1000:1 | LVDS 6-bit+FRC | 430.4 x 254.6 x 16.4 | 85/85/80/80 | LED incl. converter | 0°C...+50°C | |
| G190EG01 V1 | 19 | 48.3 | square | 1280 x 1024 | 350 | 1000:1 | LVDS 6-bit+FRC | 396 x 324 x 17.8 | 85/85/80/80 | LED incl. converter | 0°C...+50°C | |
| G190EG02 V0 | 19 | 48.3 | square | 1280 x 1024 | 600 | 2000:1 | LVDS 8-bit | 396 x 324 x 21.4 | 89/89/89/89 | LED incl. converter | 0°C...+60°C | MVA |
| G190EG02 V1 | 19 | 48.3 | square | 1280 x 1024 | 300 | 2000:1 | LVDS 8-bit | 396 x 324 x 18.4 | 89/89/89/89 | LED incl. converter | 0°C...+50°C | MVA |
| G215HVN01.0 | 21.5 | 54.6 | wide | 1920 x 1080 | 300 | 5000:1 | LVDS 8-bit | 495.6 x 292.2 x 17.35 | 89/89/89/89 | LED incl. converter | 0°C...+50°C | MVA |
| G220SW01 V0 | 22 | 55.9 | wide | 1680 x 1050 | 300 | 2000:1 | LVDS 6-bit+FRC | 493.7 x 320.1 x 18.7 | 89/89/89/89 | CCFL | 0°C...+50°C | MVA |
| G240HW01 V0 | 24 | 60.9 | wide | 1920 x 1080 | 300 | 3000:1 | LVDS 8-bit | 556 x 323.2 x 17 | 89/89/89/89 | LED incl. converter | 0°C...+50°C | |
| FREE SHAPE TFT | | | | | | | | | | | | |
| G151EVN01.0 | 15.1 | 38.4 | wide | 1280 x 256 | 300 | 2000:1 | LVDS | 396 x 100.8 x 17.3 | 89/89/89/89 | LED incl. converter | 0°C...+50°C | 19 1/4 CUT, MVA |
| G190SF01 V0 | 19 | 48.3 | wide | 1680 x 342 | 300 | 2000:1 | LVDS 6-bit+FRC | 493.7 x 124.8 x 18.5 | 89/89/89/89 | LED incl. converter | 0°C...+50°C | 22 1/3 CUT, MVA |



DATA MODUL Headquarters Munich

Landsberger Str. 322
D-80687 Munich - Germany
Phone: +49-89-56017-0
Fax: +49-89-56017-119
www.data-modul.com

Sales Office Hamburg

Borsteler Chaussee 51
D-22453 Hamburg - Germany
Phone: +49-40-42947377-0

Sales Office Duesseldorf

Fritz-Vomfelde-Str. 8
D-40547 Duesseldorf - Germany
Phone: +49-211-52709-0

Sales Office Scandinavia

Lundsmіндеvej 5
DK-6000 Kolding - Denmark
Phone: +45-75-224477

DATA MODUL France, S.A.R.L.

Bat B – Hall 204
1-3 Rue des Campanules
F-77185 Lognes - France
Phone: +33-1-60378100

DATA MODUL Italy, S.r.l.

Regus Center Senigallia
Via Senigallia 18/2
I-20161 Milano - Italy
Phone: +39-02-64672509

DATA MODUL Iberia, S.L.

c/ Adolfo Pérez Esquivel 3
Edificio Las Americas III Oficina 40
28230 Parque Empresarial
Las Rozas / Madrid - Spain
Phone: +34-916-366458

DATA MODUL Suisse GmbH

Stationsstr. 57
CH-8606 Nänikon - Switzerland
Phone: +41-44-94091-50

DATA MODUL Ltd. / UK

Collins Building
3 Vigo Place - Aldridge - Walsall
WS9 8UG - United Kingdom
Phone: +44-121-6988641

DATA MODUL Inc. / USA

275 Marcus Blvd, Unit K
Hauppauge, NY 11788 - USA
Phone: +1-631-951-0800

