

LC-Display Technology



- **New: Kyocera TFT displays from 8.9 cm (3.5") up to 30.7 cm (12.1")**
- **LED-Backlight as standard**
- **New: LED-Backlight with high brightness and long lifetime**
- **Glass-Glass-Touchpanel options and inner touch versions available**

TFT Displays

	TCG035QVLP*ANN-AN*04	TCG043WQLB**NN-GN*01	TCG043WQLB**NN-GN*02	TCG057QVLC-A-G00	TCG057QVLBA-H50	TCG057QVLC-S-H50	TCG057QVLBJ-H30	TCG057VGLCA-G00	TCG057VGLCS-H50
Part No.	KY04306	KY04311	KY04312	KY04251	KY04224	KY04304	KY04286	KY04253	KY04288
Size	8.9 cm / 3.5"	10.9 cm / 4.3"	10.9 cm / 4.3"	14.5 cm / 5.7"	14.5 cm / 5.7"	14.5 cm / 5.7"	14.5 cm / 5.7"	14.5 cm / 5.7"	14.5 cm / 5.7"
Resolution	320 x 240 (QVGA)	480 x 272 (WQVGA)	480 x 272 (WQVGA)	320 x 240 (QVGA)	320 x 240 (QVGA)	320 x 240 (QVGA)	320 x 240 (QVGA)	640 x 480 (VGA)	640 x 480 (VGA)
Brightness	400 cd/m ²	450 cd/m ²	800 cd/m ²	350 cd/m ²	420 cd/m ²	1000 cd/m ²	400 cd/m ²	300 cd/m ²	800 cd/m ²
Contrast	500:1	350:1	350:1	500:1	500:1	500:1	500:1	500:1	500:1
Interface	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL
Outline (mm)	76.9 x 63.9 x 4.9	105.5 x 67.2 x 5.9	105.5 x 67.2 x 5.9	144 x 104.8 x 13	127.2 x 100.4 x 5.7	144 x 104.8 x 13	127.2 x 100 x 7.32	144 x 104.8 x 13	144 x 104.8 x 14.2
View. Angle (H/V)	160/140	140/125	140/125	160/160	160/160	160/160	160/160	160/160	160/160
Operating Temperature	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C
Backlight	LED (60khrs)	LED (70khrs)	High Brightness LED (70khrs)	LED	LED	High Brightness LED (50khrs)	LED	LED	High Brightness LED (50khrs)
Special Features			High Brightness		Slim outline	High Brightness, optional inner Glass-Glass-Touchpanel	Inner Glass-Glass-Touchpanel, integrated LED-converter		Optional inner Glass-Glass-Touchpanel

	TCG057VGLBP-H30	TCG057VGLBA-H50	TCG057VGLCZ-H50	THG057VGLAC-H000	THG057VGLAH-H000	TCG062HVLDA-G20	THG062HVLAM-G00	TCG070WVLPANN-AN00	TCG070WVLPANN-AN50
Part No.	KY04287	KY04225	KY04322	KY04258	KY04259	KY04315	KY04323	KY04303	KY04307
Size	14.5 cm / 5.7"	14.5 cm / 5.7"	14.5 cm / 5.7"	14.5 cm / 5.7"	14.5 cm / 5.7"	15.7 cm / 6.2"	15.7 cm / 6.2"	17.7 cm / 7.0"	17.7 cm / 7.0"
Resolution	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 240 (HVGA)	640 x 240 (HVGA)	800 x 480 (WVGA)	800 x 480 (WVGA)
Brightness	350 cd/m ²	370 cd/m ²	640 cd/m ²	150 cd/m ²	200 cd/m ²	300 cd/m ²	60 cd/m ²	350 cd/m ²	700 cd/m ²
Contrast	500:1	500:1	500:1	150:1 (20:1)	150:1 (20:1)	500:1	40:1	1000:1	1000:1
Interface	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL	6bit TTL
Outline (mm)	127.2 x 100 x 7.32	127.2 x 100.4 x 5.7	144 x 104.8 x 14.93	144 x 104.8 x 13	135 x 104.8 x 8.85	173 x 70 x 6.7	174.2 x 73.4 x 12.2	165 x 104.4 x 8.2	165 x 104.4 x 8.2
View. Angle (H/V)	160/160	160/160	160/160	160/125	160/125	160/160	130/80	160 / 140	160 / 140
Operating Temperature	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C
Backlight	LED	LED	LED	LED	LED	LED	LED	LED (70khrs)	High Brightness LED (70khrs)
Special Features	Inner Glass-Glass-Touchpanel, integrated LED-converter	Slim outline	High Brightness, Inner Glass-Glass-Touchpanel (ideal for outdoor touchpanel use)	Transflective	Transflective, Slim outline, integrated LED-converter	Slim outline, integrated LED-converter	Transflective, Slim outline, integrated LED-converter		

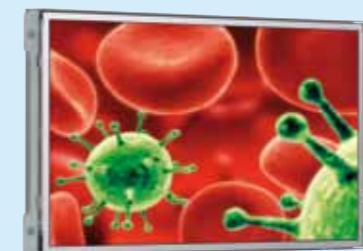
	TCG070WVLQ*PNN-AN*13	TCG075VGLCE-G00	TCG075VGLDA-G00	TCG084VGLA*ANN-AN*01	TCG084SVLP*ANN-AN*01	TCG085WVLCB-G00	TCG104VGLA*ANN-AN*01	TCG104SVLP*ANN-AN*01	TCG121SVLPANN-AN20
Part No.	KY04324	KY04308	KY04285	KY04325	KY04326	KY04310	KY04327	KY04328	KY04329
Size	17.7 cm / 7.0"	19.1 cm / 7.5"	19.1 cm / 7.5"	21.3 cm / 8.4"	21.3 cm / 8.4"	21.6 cm / 8.5"	26.4 cm / 10.4"	26.4 cm / 10.4"	30.7 cm / 12.1"
Resolution	800 x 480 (WVGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)	800 x 600 (SVGA)	800 x 480 (WVGA)	640 x 480 (VGA)	800 x 600 (SVGA)	800 x 600 (SVGA)
Brightness	350 cd/m ²	280 cd/m ²	250 cd/m ²	450 cd/m ²	400 cd/m ²	400 cd/m ²	400 cd/m ²	450 cd/m ²	500 cd/m ²
Contrast	1000:1	500:1	500:1	500:1	500:1	500:1	500:1	500:1	1000:1
Interface	6bit TTL	6bit TTL	6bit TTL	6bit TTL	LVDS	6bit TTL	6bit TTL	LVDS	LVDS
Outline (mm)	165 x 104.4 x 8.2	184 x 139.8 x 12.7	173 x 133 x 4.4	199.5 x 147.4 x 9	199.5 x 147.4 x 9	210 x 134 x 8.5	240.7 x 180.2 x 9	240.7 x 180.2 x 9	278.3 x 207.5 x 9.5
View. Angle (H/V)	170 / 170	160/160	160/160	130/125	160/140	120/105	130/125	160/140	160/160
Operating Temperature	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C
Backlight	LED (70khrs)	LED	LED	LED (70khrs)	LED (70khrs)	LED	LED (70khrs)	LED (70khrs)	LED (70khrs)
Special Features	Super wide viewing angle without color shift		Slim outline		Integrated LED-converter	Slim outline		Integrated LED-converter	Integrated LED-converter

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eMotion AD-boards tuned to work together with the TFT (RGB/DVI/VIDEO) or **complete open frame monitors**

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