

TFT Displays

SHARP



MARKET LEADER IN TFT DISPLAYS

easy
EMBEDDED

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



easy
PANEL

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



STANDARD FORMAT

	LQ043T3DW03	LQ057Q3DC03	LQ057Q3DG02	LQ057V3DG02
Size	10.9cm (4.3")	15.4cm (5.7")	15.4cm (5.7")	15.4cm (5.7")
Resolution (dots)	480 x 272	320 x 240	320 x 240	640 x 480
Brightness (cd/m2)	400	500	400	400
Contrast	800:1	350:1	550:1	600:1
Interface	8bit TTL	6bit TTL	6bit TTL	6bit TTL
Outline dimensions (mm)	105.5 x 67.2 x 7.7	144.0 x 104.6 x 12.3	144.0 x 103.8x12.3	144.0 x 104.6 x 13.0
Viewing angle (←→↑↓)	80 / 80 / 80 / 80	80 / 80 / 80 / 65	80 / 80 / 80 / 65	80 / 80 / 80 / 70
Op. temperature	-10°C...+70°C	-30°C...+80°C	-30°C...+70°C	-30°C...+80°C
Remarks	LED-Backlight	LED-Backlight	LED-Backlight	LED-Backlight
	Touch solutions available	Touch solutions available	Touch solutions available	Touch solutions available
Inverter/Converter	integrated	integrated	tbd	integrated

WIDE SCREENS

	LQ121S1LG81	LQ121K1LG52	LQ121S1LG71	LQ150X1LW12
Size	30.7cm (12.1")	30.7cm (12.1")	30.7cm (12.1")	38.1cm (15.0")
Resolution (dots)	800 x 600	1280 x 800	800 x 600	1024 x 768
Brightness (cd/m2)	450	400	450	350
Contrast	800:1	800:1	800:1	1000:1
Interface	8bit LVDS	8bit TTL	8bit LVDS	8bit LVDS
Outline dimensions (mm)	276.0 x 209.0 x 8.7	278.0 x 184.0 x 8.6	265.0 x 205.0 x 9.5	331.6 x 254.7 x tbd
Viewing angle hifg	80 / 80 / 60 / 80	80 / 80 / 65 / 80	80 / 80 / 65 / 80	85 / 85 / 85 / 85
Op. temperature	-10°C...75°C	-20°C...+75°C	-10°C...+75°C	0°C...+65°C
Remarks	LED-Backlight	LED-Backlight	LED-Backlight	LED-Backlight
	Touch solution available	tbd	Touch solutions available	Touch solution available
Inverter/Converter	integrated	integrated	integrated	integrated

easy BOARDS

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



easy TOUCH

- » usage through a protective front-glass
- » real multi-touch function
- » wide range of standard touch sizes
- » integration support
- » optical bonding with cover glass



LQ064V3DG06	LQ070Y3LW01	LQ084V3DG02	LQ104V1DG81	LQ101K1LY04
16.3cm (6.4")	17.8cm (7.0" wide)	21.3cm (8.4")	26.4cm (10.4")	25.6cm (10.1")
640 x 480	800 x 480	640 x 480	640 x 480	1280 x 800
350	360	400	450	400
350:1	800:1	600:1	800:1	800:1
6bit TTL	6bit + 2bit	6bit TTL	6bit TTL	8bit LVDS
161.3 x 117.0 x 12	170.0 x 110.0 x 9.0	199.5 x 149.5 x TBD	246.5 x 179.4 x 12.5	229.4 x 149.1 x 4.8
70 / 70 / 40 / 70	85 / 85 / 85 / 85	55 / 60 / 65 / 65	65 / 65 / 55 / 60	80 / 80 / 80 / 80
-30°C...+80°C	-10°C...+70°C	-30°C...+80°C	-30°C...+80°C	-10°C...+60°C
LED-Backlight	LED-Backlight	LED-Backlight	LED-Backlight	LED-Backlight
Touch solutions available	Touch Solution available	Touch solutions available	Touch solutions available LVDS Version available	tbd
integrated	tbd	tbd	integrated	tbd

LQ150X1LG91	LQ190E1LW52	LQ231U1LW32
38.1cm (15.0")	48.2cm (19.0")	58.7cm (23.1")
1024 x 768	1280 x 1024	1600 x 1200
350	400	500
800:1	1000:1	600:1
8bit LVDS	8bit LVDS	8bit LVDS
326.5 x 253.5 x 9.6	404.2 x 330.0 x 15.0	530.0 x 431.5 x 23.9
80 / 80 / 80 / 80	85 / 85 / 85 / 85	85 / 85 / 85 / 85
-20°C...+70°C	0°C...+60°C	0°C...+60°C
LED-Backlight	LED-Backlight	LED-Backlight
Touch solution available	Touch solution available	tbd
integrated	tbd	integrated

easy
SOLUTIONS



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