☆New product
★Under development

■ LCD Modules

<For industrial appliances>

Display size (cm) [″]	Model No.	Dot format H × V (dot)	Pixel pitch H × V (mm)	Active area H × V (mm)	Display colors	Lumi-nance (cd/m²) (TYP.)	Interface	Power con-sumption (W) (TYP.)	Outline dimensions*1 W × H × D (mm) (TYP.)	Weight (g) (MAX.)	Remarks
8.8 [3.5]	LQ035Q3DG03	320 × RGB × 240	0.2205 × 0.2205	70.56 × 52.92	16.77 M	450	CMOS 8-bit RGB	0.8	76.9 × 63.9 × 4.7	TYP. 42	Long-life LED backlight
11 [4.3]	☆LQ043T1DG28	480 × 272 × RGB	0.198 × 0.198	95.04 × 53.856	260 k	300	CMOS 6-bit RGB	0.63	105.5 × 67.2 × 4.2	51	
14 [5.7]	☆LQ057Q3DC03	320 × RGB × 240	0.36 × 0.36	115.2 × 86.4	260 k	500	CMOS 6-bit RGB	2.5	144.0 × 104.6 × 12.3	210	Long-life LED backlight, Built-in LED backlight driver circuit
	LQ057V3LG11	640 × RGB × 480	0.18 × 0.18			350	1ch LVDS 6-bit RGB	2.3		190	Built-in LED backlight driver circuit
16 [6.4]	★LQ064V3DG06	640 × 480 × RGB	0.204 × 0.204	130.56 × 97.92	260 k	350	CMOS 6-bit RGB	T.B.D.	161.3 × 117.0 × (12.0)	(280)	Long-life LED backlight, Built-in LED backlight driver circuit
21 [8.4]	LQ084V3DG02	640 × RGB × 480	0.267 × 0.267	170.88 × 128.16	260 k	400	CMOS 6-bit RGB	4.6	199.5 × 149.5 × 11.6	400	Long-life LED backlight
	★LQ084V1DG43					300		T.B.D.	(221.0) × (152.4) × T.B.D.	T.B.D.	Long-life LED backlight, Built-in LED backlight driver circuit
	☆LQ084S3LG03	800 × RGB × 600	0.213 × 0.213	170.4 × 127.8	16.77 M	330	1ch LVDS 8-bit RGB	4.1	199.5 × 154.0 × 11.6	320	Long-life LED backlight, Built-in LED backlight driver circuit
26 [10.4]	LQ104V1DG81/LG81	640 × RGB × 480	0.33 × 0.33	211.2 × 158.4	260 k	450	CMOS 6-bit RGB/ 1ch LVDS 6-bit RGB	5.6	246.5 × 179.3 × 12.5	TYP. 500	Long-life LED backlight, Built-in LED backlight driver circuit
	☆LQ104S1LG81	800 × RGB × 600	0.264 × 0.264			420	LVDS 6-bit RGB	6.1		500	Long-life LED backlight, Built-in LED backlight driver circuit
31 [12.1]	LQ121S1LG81	800 × RGB × 600	0.3075 × 0.3075	246.0 × 184.5	260 k	450	LVDS 6-bit RGB	5.1	276.0 × 209.0 × 9.1	600	Long-life LED backlight, HV mode*2, Built-in LED backlight driver circuit
	LQ121S1LG84										Long-life LED backlight, DE mode*3, Built-in LED backlight driver circuit
38 [15.0]	★LQ150X1LG11	1 024 × RGB × 768	0.297 × 0.297	304.1 × 228.1	16.19 M	600	LVDS 6-bit + 2-bit FRC	(10.6)	331.6 × 254.7 × (9.3)	T.B.D.	Long-life LED backlight, Built-in LED backlight driver circuit
	LQ150X1LG91					350		6.8	326.5 × 253.5 × 9.6	950	Long-life LED backlight, Built-in LED backlight driver circuit
	☆LQ150X1LW12				10 M			10.2	331.6 × 254.7 × 9.3		Long-life LED backlight, Advanced Super V, Built-in LED backlight driver circuit
48 [19.0]	LQ190E1LX51	1 280 × RGB × 1 024	0.294 × 0.294	376.32 × 301.056	16.77 M	1 000	2ch LVDS 8-bit RGB	75	404.2 × 330.0 × 34.0	2 600	Advanced Super V, Built-in LED backlight driver circuit
	☆LQ190E1LW52					300		15.3	404.2 × 330.0 × 15.0	1 850	Advanced Super V, Long-life LED backlight
59 [23.1]	LQ231U1LW32	1 600 × RGB × 1 200	0.294 × 0.294	470.4 × 352.8	16.77 M	500	LDI 8-bit RGB	65.5	530.0 × 431.5 × 23.9	4 500	Advanced Super V, Built-in LED backlight driver circuit

All products listed on this page are LED backlight models.
*1 Protrusions such as positioning bosses are not included.
*2 Hsync/Vsync mode
*3 Data enable mode
(Note) Please note that the specifications are subject to change without prior notice for product improvement.

★Under development

RoHS

<For large-size product applications>

Display size (cm) [″]	Model No.	Number of pixels*1	Dot format H × V (dot)	Active area H × V (mm)	Display colors	Luminance (cd/m²) (TYP.)	Interface	Outline dimensions*2 W × H × D (mm) (TYP.)	Backlight	Remarks
80.0 [31.5]	★LQ315D1LG91	8 294 400	3 840 × RGB × 2 160	697.92 × 392.58	1.06B	450	8ch-LVDS*3 10-bit	733.0 × 428.6 × 57.0*4	Direct-lit LED (built-in driver)	Super-high resolution and low power consumption achieved by using IGZO*5 LCD: 90 W (Typ.), Wide viewing angle: L/R 176°/ U/D 176°, Response time [G to G]: 8 ms (Typ.)
152.5 [60]	★LK600D3LB14	2 073 600	1 920 × RGB × 1 080	1 329.12 × 747.63	1.06B	2 000	2ch-LVDS*3 8-bit + 2-bit FRC	1 380.0 × 790.0 × 106.6	Direct-lit LED (built-in driver)	Ultraviolet-induced Multi-domain Vertical Alignment LCD, Ultra high brightness, Wide viewing angle: L/R 176°/ U/D 176°, High contrast: 8 000:1, High-speed response [G to G]: 4 ms (Typ.)
	LK601R3LA19	8 294 400	3 840 × RGB × 2 160	1 330.56 × 748.44		450	8ch-LVDS*3 8-bit + 2-bit FRC			Ultraviolet-induced Multi-domain Vertical Alignment LCD, High resolution, High color purity (78% of NTSC), Wide viewing angle: L/R 176°/ U/D 176°, High contrast: 4 000:1, High-speed response [G to G]: 6 ms (Typ.)

*1 Pixel means a set of each RGB dot.
*2 Excluding FPC for connection and other protruding parts.
*3 LVDS: Low Voltage Differential Signaling
*4 Excluding the LED driver.
*5 IGZO: an oxide semiconductor consisting of In (Indium), Ga (Gallium), and Zn (Zinc).
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