



2008 LCD Product Lineup



100% is a good number

Sharp's commitment to innovation rings true in our products – and in our manufacturing facilities. We employ several innovative technologies to control the amount of air and water pollution discharged during production, then reuse and recycle 100% of it to achieve zero discharge to landfill. That's an environmental commitment you can count on.

How do we do it? Employing breakthrough technologies at our factory in Kameyama, Japan. Highly efficient fuel cell systems that generate clean power. A water recycling system that completely purifies all of its wastewater. All done with 100% focus on delivering the quality LCDs you demand.

Why do we do it? Because Sharp has a dual goal: Lead the technology curve. Set the standard for environmentally responsible manufacturing.



Sharp delivers brighter, clearer displays

Sharp delivers innovative LCD technology to enhance your visual experiences. Whether your application demands a display with lightning-fast response time for video content – a rugged design for industrial applications – or a high-resolution display for attention-grabbing signage indoors or out, Sharp offers you the best technology and the greatest selection.

We're ready to meet your design needs with our expanded line of industrial displays that feature industry-leading specifications for shock and vibration, brightness, contrast and more.

With our long term investment in developing future technologies, you can rely on us as your vendor of choice – today and tomorrow.

When you select Sharp LCDs, you'll start with brighter, clearer displays. And, you can count on us for long-term support throughout your manufacturing cycle.

Let us innovate with you.

Large/Signage Displays

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Key Features	LQ121S1DG41 (LG41)	LQ121S1DG61 (LG61)	LQ121S1LW01	LQ150X1LG71	LQ150X1LG81	LQ150X1LG81	LQ150X1LW71N	LQ150X1LW72
Size/Resolution	12.1" (XGA)	12.1" (SVGA)	12.1" (VGA)	15.0" XGA	15.0" XGA	15.0" XGA	15.0" XGA	15.0" XGA
Brightness/Mode	370 nits/ Transmissive	450 nits/ Transmissive	250 nits/ Transmissive	250 nits/ Transmissive	600 nits/ Transmissive	350 nits/ Transmissive	250 nits/ Transmissive	350 nits/ Transmissive
Viewing Angle (H/V)	140/110	140/110	170/170	120/100	160/135	160/135	170/170	170/170
Operating Temp/ Storage Temp	-10 to 65°C -30 to 70°C	-30 to 80°C -30 to 80°C	0 to 50°C -25 to 60°C	0 to 60°C -25 to 60°C	0 to 70°C -30 to 70°C	0 to 60°C -25 to 60°C	0 to 50°C -25 to 60°C	0 to 50°C -25 to 60°C
Backlight System/Life	2 × CCFT/50K hrs	2 × CCFT/50K hrs	2 × CCFT/50K hrs	2 × CCFT/50K hrs	4 × CCFT/50K hrs	2 × CCFT/50K hrs	4 × CCFT/50K hrs	4 × CCFT/50K hrs
Dimensions (H × W × D)	276 × 209 × 11 mm	276 × 209 × 11 mm	276 × 209 × 11 mm	326 × 252 × 11.2 mm	331.6 × 254.76 × 12.5 mm	326.0 × 252.0 × 11.5 mm	331.6 × 254.76 × 12.5 mm	331.6 × 254.76 × 12.5 mm
Application*	1	1, 2	1	1, 2	1	1	1	1

Key Features	LQ201U1LW11Z	LQ201U1LW21	LQ231U1LW01	LK460D3LZ19	LK520D3LZ19	LK640D3LZ19 (Z2U)		
Size/Resolution	20.1" (UXGA)	20.1" (UXGA)	23.1" (UXGA)	46.0" (HD 1080)	52.0" (HD 1080)	64.5" (HD 1080)		
Brightness/Mode	700 nits/ Transmissive	250 nits/ Transmissive	250 nits/ Transmissive	450 nits/ Transmissive	450 nits/ Transmissive	450 nits/ Transmissive		
Viewing Angle (H/V)	170/170	176/176	170/170	176/176	176/176	176/176		
Operating Temp/ Storage Temp	0 to 50°C -25 to 60°C	0 to 50°C -25 to 60°C	0 to 45°C -20 to 60°C	0 to 50°C -20 to 60°C	0 to 50°C -20 to 60°C	0 to 50°C -20 to 60°C		
Backlight System/Life	6 × CCFT/50K hrs	6 × CCFT/50K hrs	6 × CCFT/50K hrs	22 × CCFT/60K hrs	24 × CCFT/60K hrs	36 × CCFT/60K hrs		
Dimensions (H × W × D)	436 × 335 × 27.5 mm	432 × 331.5 × 25 mm	432 × 331.5 × 25 mm	1083 × 627 × 65.7 mm	331.6 × 254.76 × 12.5 mm	1555.3 × 907 × 100 mm		
Application*	1	1	1	1, 3, 4, 6	1, 3, 4, 6	1, 3, 4, 6		

*Application

- Industrial
- Automatic Teller Machine (ATM)
- Gaming/Lottery
- Transportation

- Medical
- Digital Signage
- Personal Navigation Device (PND)

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Small/Medium Displays

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Key Features	LQ064V3DG01	LQ075V3DG01	LQ080V3DG01	LQ084V1DG21	LQ084S3DG01	LQ084S3LG01	LQ104S1DG21 (LG21)	LQ104S1DG61 (LG61)
Size/Resolution	6.4" (VGA)	7.5" (VGA)	8.0" (VGA)	8.4" (VGA)	8.4" (SVGA)	8.4" (SVGA)	10.4" (SVGA)	10.4" (SVGA)
Brightness/Mode	350 nits/Transmissive	400 nits/Transmissive	380 nits/Transmissive	300 nits/Transmissive	350 nits/Transmissive	400 nits/Transmissive	350 nits/Transmissive	420 nits/Transmissive
Viewing Angle (H/V)	140/110	140/125	130/120	110/95	160/125	130/115	140/110	140/110
Operating Temp/ Storage Temp	-30 to 80°C -30 to 80°C	-30 to 80°C -30 to 80°C	0 to 70°C -25 to 70°C	0 to 60°C -25 to 70°C	-30 to 80°C -30 to 80°C	-30 to 80°C -30 to 80°C	-10 to 65°C -30 to 70°C	-30 to 80°C -30 to 80°C
Backlight System/Life	2 × CCFT/50K hrs	1 × CCFT/50K hrs	1 × CCFT/10K hrs	1 × CCFT/50K hrs	2 × CCFT/50K hrs	2 × CCFT/50K hrs	2 × CCFT/50K hrs	2 × CCFT/50K hrs
Dimensions (H × W × D)	161.3 × 117 × 12 mm	183 × 139.9 × 12.7 mm	183 × 141 × 14 mm	216 × 152.4 × 12 mm	199.5 × 149.5 × 11.6 mm	149.5 × 199.5 × 11.6 mm	246.5 × 179.4 × 15.5 mm	246.5 × 179.4 × 13.7 mm
Application*	1	1, 4	1, 5	1	1	1, 2	3	1

Key Features	LQ104S1LG21	LQ104S1LG31	LQ104V1DG21	LQ104V1DG51	LQ104V1DG61 (LG61)	LQ104V1DW02		
Size/Resolution	10.4" (SVGA)	10.4" (SVGA)	10.4" (VGA)	10.4" (VGA)	10.4" (VGA)	10.4" (VGA)		
Brightness/Mode	350 nits/Transmissive	350 nits/Transmissive	350 nits/Transmissive	350 nits/Transmissive	450 nits/Transmissive	380 nits/Transmissive		
Viewing Angle (H/V)	140/110	140/110	140/110	140/110	140/110	160/160		
Operating Temp/ Storage Temp	-10 to 65°C -30 to 70°C	-30 to 80°C -30 to 80°C	-10 to 65°C -30 to 70°C	-10 to 65°C -30 to 70°C	-30 to 80°C -30 to 80°C	0 to 70°C -20 to 70°C		
Backlight System/Life	2 × CCFT/50K hrs	2 × CCFT/50K hrs	2 × CCFT/50K hrs	2 × CCFT/50K hrs	2 × CCFT/50K hrs	2 × CCFT/50K hrs		
Dimensions (H × W × D)	246.5 × 179.4 × 15.5 mm	243 × 183.8 × 11.5 mm	265 × 195 × 11.5 mm	246.5 × 179.4 × 15.5 mm	246.5 × 179.4 × 13.7 mm	246.5 × 179.4 × 15.5 mm		
Application*	1	1, 4	1	1	1	5		

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- Transportation

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Mobile Displays

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Key Features	LQ022B8UD05	LQ025Q3DW02	LQ035Q7DB02R	LQ035Q7DB03F	LQ035Q7DB05	LQ035Q7DH06	LQ035Q7DH07	LQ036Q1DA01
Size/Resolution	2.2" (QCF+)	2.5" (QVGA)	3.52" (QVGA)	3.52" (QVGA)	3.5" (QVGA)	3.52" (QVGA)	3.52" (QVGA)	3.6" (QVGA)
Brightness/Mode	125 nits/Transflective	350 nits/Transmissive	50 nits/Transflective	55 nits/Transflective	160 nits/Transmissive	225 nits/Transflective	250 nits/Transflective	280 nits/Transmissive
Viewing Angle (H/V)	60/60	160/160	100/100	100/100	100/100	100/100	100/100	160/130
Operating Temp/ Storage Temp	-10 to 60°C -20 to 70°C	-10 to 60°C -25 to 70°C	-10 to 60°C -25 to 70°C	-10 to 60°C -25 to 70°C	-10 to 60°C -25 to 70°C	-10 to 70°C -25 to 70°C	-10 to 70°C -25 to 70°C	-10 to 60°C -20 to 70°C
Backlight System/Life	4 × LED	4 × LED	6 × LED	6 × LED	LED	6 × LED	6 × LED	7 × LED
Dimensions (H × W × D)	42.1 × 56.6 × 4.2 mm	56.8 × 48.8 × 3.5 mm	65 × 85 × 4.5 mm	65 × 85 × 3.4 mm	65 × 85 × 3.4 mm	65 × 86.2 × 4 mm	65 × 86.2 × 3.2 mm	82.8 × 69.7 × 3.3 mm
Application*	7	5, 7	1, 7	7	1, 7	7	7	1

Key Features	LS037V7DW03	LQ038Q7DB03R	LQ043T1DG01	LQ043T3DX02	LQ050Q5DR01	LQ057Q3DC12	LQ057V3DG01	
Size/Resolution	3.7" (QVGA/VGA)	3.8" (QVGA)	4.3" (16:9)	4.3" (16:9)	4.96" (QVGA)	5.7" (QVGA)	5.7" (VGA)	
Brightness/Mode	200 nits/Transflective	90 nits/Transflective	500 nits/Transmissive	165 nits/Transmissive	380 nits/Transmissive	500 nits/Transmissive	400 nits/Transmissive	
Viewing Angle (H/V)	160/160	100/100	120/100	160/160	130/120	130/105	160/150	
Operating Temp/ Storage Temp	-10 to 60°C -20 to 70°C	0 to 50°C -25 to 70°C	-10 to 70°C -30 to 85°C	-10 to 50°C -25 to 60°C	-30 to 85°C -40 to 95°C	-30 to 80°C -30 to 80°C	-30 to 80°C -30 to 80°C	
Backlight System/Life	9 × LED	9 × LED	9 × LED	7 × LED	1 × CCFT	1 × CCFT/50K hrs	1 × CCFT/50K hrs	
Dimensions (H × W × D)	65 × 89.2 × 3.6 mm	69 × 88.6 × 3.4 mm	105.5 × 67.2 × 5.05 mm	105.5 × 67.2 × 3.95 mm	119.4 × 89.1 × 12.7 mm	144 × 104.6 × 13 mm	144 × 104.6 × 12.3 mm	
Application*	1	1	7	7	1, 4	1	1	

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