
















Panel Compare

[ Basic Information ]	Back to Footer	Back to Footer	Back to Footer
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Panel Brand :	SHARP	SHARP	SHARP
Composition :	LCM 	LCM 	LCM 
Panel Type :	CG-Silicon	CG-Silicon	CG-Silicon
Operating Temperature :	-20 ~ 60°C	-20 ~ 60°C	-20 ~ 60°C
Storage Temperature :	-30 ~ 70°C	-30 ~ 70°C	-30 ~ 70°C
RoHS State :	 RoHS	 RoHS	 RoHS
Application :	Mobile Phone	Mobile Phone	Mobile Phone
Specific Feature :	Wide Viewing Angle, Portrait type, White LED Backlight	Wide Viewing Angle, Portrait type, White LED Backlight	Wide Viewing Angle, Portrait type, White LED Backlight
Remarks :			
[ Mechanical Features ]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Diagonal Size :	5.5"	5.5"	5.5"
Dot Resolution :	1440(RGB)×2560	1440(RGB)×2560	1440(RGB)×2560
Pixel Configuration :	RGB Vertical Stripe	RGB Vertical Stripe	RGB Vertical Stripe
Aspect Ratio :	9:16 (H:V)	9:16 (H:V)	9:16 (H:V)
Form Factor :	Flat Rectangle	Flat Rectangle	Flat Rectangle
Dot Pitch (H:V) :	0.01575×0.04725 mm	0.01575×0.04725 mm	0.01575×0.04725 mm
Weight :	25.0g	25.0g (Typ.)	25.0g
Surface Glare :			
Surface Hardness :			
Surface Reflection :			
Active Area (H×V) :	68.04×120.96 mm	68.04×120.96 mm	68.04×120.96 mm
Bezel Area (H×V) :			
Outline Dimension (H×V) :	70.94×128.49 mm	70.94×128.49 mm	70.94×128.49 mm
Outline Depth :	1.35±0.1 mm	1.35±0.1 mm	1.35±0.1 mm
Mount & Brackets :			
Landscape or Portrait :	Portrait type	Portrait type	Portrait type
Panel Cover :			
[ Touch Panel ]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Touch Panel :	Without	Without	Without
Simultaneously Touch :			
Touch Signal Type :			
Touch Interface Type :			
Touch Controller :			
[ Optical Features ]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Display Mode :	New Mode2, Normally Black,	New Mode2, Normally Black,	New Mode2, Normally Black,
Brightness :	450 cd/m² (Typ.)	450 cd/m² (Typ.)	450 cd/m² (Typ.)
Transmissive Contrast Ratio :	1300:1 (Typ.)	1300:1 (Typ.)	1300:1 (Typ.)
Reflective Contrast Ratio :			
Display Color :	16.7M	16.7M	16.7M
Gray Method :	8-bit	8-bit	8-bit
Color Gamut :	70% NTSC (CIE1931)	70% NTSC (CIE1931)	70% NTSC (CIE1931)
Viewing Angle(L/R/U/D) :	80/80/80/80 (Typ.)(CR≥10)	80/80/80/80 (Typ.)(CR≥10)	80/80/80/80 (Typ.)(CR≥10)
Viewing Direction :	Symmetry	Symmetry	Symmetry
Response Time :	35 (Max.)(Tr+Td)	35 (Max.)(Tr+Td)	35 (Max.)(Tr+Td)
White color Chromaticity :	Wx:0.300; Wy:0.320	Wx:0.300; Wy:0.320	Wx:0.300; Wy:0.320
White Variation :	1.33 (Max.)(9 points) 	1.43 (Max.)(9 points) 	1.43 (Max.)(9 points) 
Transmissivity (%) :			
Reflectance Ratio (%) :			
3D Display :			
Sunlight Readable :	No	No	No
[ Electronics Feature ]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Vertical Frequency :	60Hz 	60Hz 	60Hz 
Reverse Scan :	No	No	No
Total Power Consumption :			
Driver IC :	Built-in R63419B	Built-in R63419	Built-in R63419
Time Controller (T-COR) :			
[ Backlight System ]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Lamp Position :	Edge light type 	Edge light type 	Edge light type 
Lamp Type :	WLED	WLED	WLED
Lamp Amount :	7S2P	8S2P	8S2P
Lamp Shape :	2 strings	2 strings	2 strings
Lamp Life Time (hrs) :			
Lamp Replaceable :			
Lamp RFU Model :			
Lamp Voltage :	21.0V (Typ.)		
Lamp Current :	20mA (Typ.)	20mA (Typ.)	20mA (Typ.)
Lamp Operating Frequency :			
Lamp Startup Voltage :			
Lamps Power Consumption :			
Lamp Driver Board :	No	No	No
Input Voltage of Lamp Driver :			
Input Current of Lamp Driver :			
BLU Power Consumption :			
BLU Interface Type :	Included in panel signal interface	Included in panel signal interface	Included in panel signal interface
BLU Interface Position :			
BLU Interface Brand :			
BLU Interface Model :			
BLU Interface Pin Pitch :			
BLU Interface Amount :			
Pin Amount of BLU Interface :			
BLU Interface Pin Configuration :			
[ Signal Interface ]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Signal Interface Category :	MIPI	MIPI	MIPI
Signal Interface Class :	MIPI (2 ch, 4 data lanes)	MIPI (2 ch, 4 data lanes)	MIPI (2 ch, 4 data lanes)
Input Voltage for Panel :	1.8/5.75/-5.75V (Typ.) (IOVCC/VSP/VSN)	1.8/5.75/-5.75V (Typ.) (IOVCC/VSP/VSN)	1.8/5.75/-5.75V (Typ.) (IOVCC/VSP/VSN)
Input Current for Panel :	23.5/15/14.0mA (Typ.) (IOICC/ISP/ISN)	23.5/15/14.0mA (Typ.) (IOICC/ISP/ISN)	23.5/15.0/14.0mA (Typ.) (IOICC/ISP/ISN)
Panel Power Consumption :			
Voltage for Display Signals :			
Signal Interface Type :	Connector	Connector	Connector
Signal Interface Position :			
Signal Interface Brand :	HRS	JAE	JAE
Signal Interface Model :	BM14B(0.8) 60DP-0.4V(51)	WP7B-P050VA1	WP7B-P050VA1
Signal Interface Pin Pitch :	0.4 mm	0.4 mm	0.4 mm
Signal Interface Amount :	1 pcs	1 pcs	1 pcs
Signal Interface Pins :	60 pins	50 pins	50 pins
Signal Pin Configuration :			
[ Packing Form ]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Amount per Box :	240 pcs	240 pcs	240 pcs
Box Size :	580×365×279 mm	580×365×297 mm	365×580×279 mm
Box Gross Weight :	11.96 Kgs		12.1 Kgs
[ Datasheet Source ]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Document Language :	EN	EN	EN
Datasheet Version :	LCY-W-15507	LCY-1314302D	LCY-1314303B
Issue Date :	2015-6-17	2014-9-9	
[ Production State ]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Customer Sample :	2015,Q2	2014,Q3	2014,Q2
Mass Production :	2015,Q2	2014,Q4	2014,Q3
Late Time Order :	--	--	--
Last Time Shipment :	--	--	--
Production State Now :	In Production	In Production	In Production
[Transaction Information]	▲ Back to Top	▲ Back to Top	▲ Back to Top
Panel Model :	LS05SR1SX08	LS05SR1SX04	LS05SR1SX03
Suppliers :	0	8 Suppliers	3 Suppliers
Stocks :	29800 pcs stock	2014750 pcs stock	531600 pcs stock
RFQs :	0	0	0