

Weight : LP140QH1-SPE3 × B140QAN01.1 × LP140QH1-SPB1 × LP140QH1-SPA2 × LP140QH1-SPF1 × B140QAN01.5 ×



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Active Area (H)						
Bezel Area (H×V)						
Outline Dimension (H×V)						
Outline Depth						
Shape Style	LG Display	AUO	LG Display	LG Display	LG Display	AUO
Mount & Brackets	LCM ?	LCM ?	LCM ?	LCM ?	LCM ?	LCM ?
Landscape or Portrait	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD
<input type="checkbox"/> Hide same	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C	0 ~ 50°C
Touch Panel	-20 ~ 60°C	-20 ~ 60°C	-20 ~ 60°C	-20 ~ 60°C	-20 ~ 60°C	-20 ~ 60°C
[Optical Features]						1.5G (14.7 m/s ²)
Display Mode	✓RoHS	✓RoHS	✓RoHS	✓RoHS	✓RoHS	✓RoHS
Brightness	Laptop	Laptop	Laptop	Laptop	Laptop	Laptop
Brightness	WLED Backlight, With LED Driver	WLED Backlight, With LED Driver, Reverse I/F, Matte	WLED Backlight, With LED Driver, Reverse I/F, Matte	WLED Backlight, With LED Driver, Reverse I/F, Glossy	WLED Backlight, With LED Driver	WLED Backlight, With LED Driver, Reverse I/F, Matte
Transmissive Contrast Ratio		eDP1.3	for ThinkPad New X1 Carbon (20A7S00100)			eDP1.3
[Basic Information]						
Display Color						
Panel Brand						
Gray Method						
Composition						
NTSC Ratio	14.0"	14.0"	14.0"	14.0"	14.0"	14.0"
Panel Type						
sRGB Coverage	2560(RGB)×1440	2560(RGB)×1440	2560(RGB)×1440	2560(RGB)×1440	2560(RGB)×1440	2560(RGB)×1440
Operating Temperature						
Adobe Coverage	RGB Vertical Stripe	RGB Vertical Stripe	RGB Vertical Stripe	RGB Vertical Stripe	RGB Vertical Stripe	RGB Vertical Stripe
Storage Temperature						
DCI-P3 Coverage	16:9 (H:V)	16:9 (H:V)	16:9 (H:V)	16:9 (H:V)	16:9 (H:V)	16:9 (H:V)
Vibration Level						
Viewing Angle(L/R/U/D)	Flat Rectangle	Flat Rectangle	Flat Rectangle	Flat Rectangle	Flat Rectangle	Flat Rectangle
RoHS State						
Viewing Direction	0.0403×0.1209 mm	0.04028×0.12084 mm	0.0403×0.1209 mm	0.0403×0.1209 mm	0.0403×0.1209 mm	0.04028×0.12084 mm
Application						
Response Time		230g (Max.)	250g (Max.)	250g (Max.)		220g (Max.)
Specific Feature		Antiglare	Antiglare	Glare (Haze 0%)		Antiglare
Color Temperature						
White Variation		Hard coating (3H)				
Remarks						
Sunlight Readable	309.5×174.1 mm	309.35×174.01 mm	309.5×174.1 mm	309.5×174.1 mm	309.5×174.1 mm	309.35×174.01 mm
[Mechanical Features]						
[Electronics Feature]						
Diagonal Size				312.7×177.2 mm		
Vertical Frequency		320.4×205.1 mm	320.4×205.1 mm	320.4×199.4 mm		320.4×205.1 mm
Dot Resolution						
Reverse Scan		2.4/2.6 (Typ./Max.) mm	2.4/2.6 (Typ./Max.) mm	2.6/3.18 (Typ./Max.) mm		2.25/2.45 (Typ./Max.) mm
Pixel Configuration						
Total Power Consumption	Slim (PCBA Flat, T≤3.2mm)	Slim (PCBA Flat, T≤3.2mm)	Slim (PCBA Flat, T≤3.2mm)	Slim (PCBA Flat, T≤3.2mm)	Slim (PCBA Flat, T≤3.2mm)	Slim (PCBA Flat, T≤3.2mm)
Aspect Ratio						
[Backlight System]		Face mounting holes (6 pcs) on up, down slugs	Face mounting holes (6 pcs) on up, down slugs	Without		Face mounting holes (8 up, down slugs)
Form Factor						
Lamp Position						
Dot Pitch (H×V)						


Panel Compare [6/15] ✕ ⏪ ⏩

- LP140QH1-SPE3 ✕
- B140QAN01.1 ✕
- LP140QH1-SPB1 ✕
- LP140QH1-SPA2 ✕
- LP140QH1-SPF1 ✕
- B140QAN01.5 ✕

	LP140QH1-SPE3	B140QAN01.1	LP140QH1-SPB1	LP140QH1-SPA2	LP140QH1-SPF1	B140QAN01.5
Lamp Type	LP140QH1-SPE3	B140QAN01.1	LP140QH1-SPB1	LP140QH1-SPA2	LP140QH1-SPF1	B140QAN01.5
Weight						
Lamp Life Time (Hrs)						
Surface Glare	Without	Without	Without	Without	Without	Without
Lamp Driver Board						
Surface Hardness						
Input Voltage of Lamp Driver						
Active Area (H×V)	IPS, Normally Black, Transmissive ?	AHVA, Normally Black, Transmissive ?	IPS, Normally Black, Transmissive ?	IPS, Normally Black, Transmissive ?	IPS, Normally Black, Transmissive ?	AHVA, Normally Black, Transmissive ?
Input Current of Lamp Driver						
Bezel Area (H×V)						
BLU Power Consumption	300 cd/m ² (Typ.)	340 cd/m ² (Typ.)	300 cd/m ² (Typ.)	300 cd/m ² (Typ.)	300 cd/m ² (Typ.)	300 cd/m ² (Typ.)
Outline Dimension (H×V)						
BLU Interface Type	700:1 (Typ.)	700:1 (Typ.)	700:1 (Typ.)	700:1 (Typ.)	700:1 (Typ.)	700:1 (Typ.)
Outline Depth						
Shape Style	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
[Signal Interface]						
Signal Interface Category	8-bit	8-bit	8-bit	8-bit	8-bit	8-bit
Mount & Brackets						
Signal Interface Class	60% NTSC (CIE1931)	72% NTSC (CIE1931)	60% NTSC (CIE1931)	60% NTSC (CIE1931)	60% NTSC (CIE1931)	72% NTSC (CIE1931)
Landscape or Portrait	84% of sRGB (CIE1931)	97% of sRGB (CIE1931)	84% of sRGB (CIE1931)	84% of sRGB (CIE1931)	84% of sRGB (CIE1931)	97% of sRGB (CIE1931)
<input type="checkbox"/> Hide same						
Input Current for Panel	63% of Adobe RGB (CIE1931)	75% of Adobe RGB (CIE1931)	63% of Adobe RGB (CIE1931)	63% of Adobe RGB (CIE1931)	63% of Adobe RGB (CIE1931)	75% of Adobe RGB (CIE1931)
Touch Panel	63% of DCI-P3 (CIE1931)	75% of DCI-P3 (CIE1931)	63% of DCI-P3 (CIE1931)	63% of DCI-P3 (CIE1931)	63% of DCI-P3 (CIE1931)	75% of DCI-P3 (CIE1931)
Panel Power Consumption						
[Optical Features]						
Signal Interface Type	85/85/85/85 (Typ.)(CR≥10)	85/85/85/85 (Typ.)(CR≥10)	85/85/85/85 (Typ.)(CR≥10)	85/85/85/85 (Typ.)(CR≥10)	85/85/85/85 (Typ.)(CR≥10)	85/85/85/85 (Typ.)(CR≥10)
Signal Interface Position	Symmetry	Symmetry	Symmetry	Symmetry	Symmetry	Symmetry
Display Mode						
Signal Interface Brand	35 (Typ.)(Tr+Td)	30 (Typ.)(Tr+Td)	35 (Typ.)(Tr+Td)	35 (Typ.)(Tr+Td)	35 (Typ.)(Tr+Td)	30 (Typ.)(Tr+Td)
Signal Interface Brightness						
Signal Interface Mode	6485K	6485K	6485K	6485K	6485K	6485K
Transmissive Contrast Ratio						
Signal Interface Pin Pitch	1.40/1.60 (Max.)(5/13 points) ?	1.25/1.60 (Max.)(5/13 points) ?	1.25/1.60 (Max.)(5/13 points) ?	1.40/1.60 (Max.)(5/13 points) ?	1.40/1.60 (Max.)(5/13 points) ?	1.25/1.60 (Max.)(5/13 points) ?
[Basic Information]						
Signal Interface Amount	No	No	No	No	No	No
Panel Brand						
Signal Interface Pins						
Composition						
[Packing Form]						
Panel Type	60Hz ?	60Hz ?	60Hz ?	60Hz ?	60Hz ?	60Hz ?
sRGB Coverage						
Amount per Box	No	No	No	No	No	No
Operating Temperature						
Adobe Coverage						
Box Size						
Storage Temperature		5.49W (Typ.)	3.76W (Typ.)	3.75W (Typ.)		4.4W (Max.)
DCI-P3 Coverage						
[Datasheet Source]						
Vibration Level						
Viewing Angle(L/R/U/D)	Edge light type ?	Edge light type ?	Edge light type ?	Edge light type ?	Edge light type ?	Edge light type ?
Documents Language						
RoHS State						
Viewing Direction	WLED	WLED	WLED	WLED	WLED	WLED
Datasheet Application						
Response Time						
Issue Date	12K (Min.)	15K (Min.)	12K (Min.)	12K (Min.)	12K (Min.)	15K (Min.)
Specific Feature						
Color Temperature						
[Production State]						
White Variation	With LED Driver	With LED Driver	With LED Driver	With LED Driver	With LED Driver	With LED Driver
Customer Remarks						
Sunlight Readable	7.0/12.0/21.0V (Min./Typ./Max.)	6.0/12.0/21.0V (Min./Typ./Max.)	7.0/12.0/21.0V (Min./Typ./Max.)	7.0/12.0/21.0V (Min./Typ./Max.)	7.0/12.0/21.0V (Min./Typ./Max.)	5.0/12.0/21.0V (Min./Typ./Max.)
Mass Production			211/214mA (Typ./Max.)	210/214mA (Typ./Max.)		
[Mechanical Features]						
[Electronics Feature]						
Late Time Order		3.65W (Max.)	2.53/2.57W (Typ./Max.)	2.52/2.56W (Typ./Max.)		3.7W (Max.)
Diagonal Size						
Vertical Frequency						
Last Time Shipment						
Dot Resolution	Included in panel signal interface	Included in panel signal interface	Included in panel signal interface	Included in panel signal interface	Included in panel signal interface	Included in panel signal interface
Reverse Scan						
Production State Now						
Pixel Configuration						
Total Power Consumption						
[Transaction Information]						
Aspect Ratio						
[Backlight System]						
Suppliers	eDP	eDP	eDP	eDP	eDP	eDP
Form Factor						
Lamp Position	eDP (4 Lanes)	eDP (4 Lanes)	eDP (4 Lanes)	eDP (4 Lanes)	eDP (4 Lanes)	eDP (4 Lanes)
Stocks						
Dot Pitch (H×V)						

	× LP140QH1-SPE3	× B140QAN01.1	× LP140QH1-SPB1	× LP140QH1-SPA2	× LP140QH1-SPF1	× B140QAN01.5
Lamp Type :						
Weight :						
Lamp Life Time (Hrs) :		400/511mA (Typ./Max.)	373/426mA (Typ./Max.)	373/428mA (Typ./Max.)	373/428mA (Typ./Max.)	466mA (Max.)
Surface Glare :						
Lamp Driver Board :		1.84W (Typ.)	1.23/1.41W (Typ./Max.)	1.23/1.41W (Typ./Max.)	1.23W (Typ.)	1.4W (Typ.)
Surface Hardness :						
Input Voltage of Lamp Driver :	Connector	Connector	Connector	Connector	Connector	Connector
Active Area (H×V) :						
Input Current of Lamp Driver :						
Bezel Area (H×V) :						
BLU Power Consumption :						
Outline Dimension (H×V) :		20455-040E-12R	KN38A-40S-0.5H	KN38A-40S-0.5H		20455-040E-12R
BLU Interface Type :						
Outline Depth :		0.5 mm	0.5 mm	0.5 mm		0.5 mm
[Signal Interface]		1 pcs	1 pcs	1 pcs		1 pcs
Signal Interface Category :		40 pins	40 pins	40 pins		40 pins
Mount & Brackets :						
Signal Interface Class :						
Landscape or Portrait :						
Input Voltage for Panel :		56 pcs	30 pcs	30 pcs		56 pcs
[Touch Panel]						
Input Current for Panel :			478×365×288 mm	478×365×288 mm		
Touch Panel :						
Panel Power Consumption :						
[Optical Features]						
Signal Interface Type :		EN	EN	EN		EN
Signal Interface Position :						
Display Mode :		HW0A_Ver1.0	Ver1.2	Ver1.2		Ver1.1
Signal Interface Brand :						
Signal Interface Brightness :		2015-9-30	2014-12-22	2014-12-22		2016-12-12
Transmissive Contrast Ratio :	▲ Back to Top	▲ Back to Top	▲ Back to Top	▲ Back to Top	▲ Back to Top	▲ Back to Top
Signal Interface Pin Pitch :						
Display Color :	--	2015,Q1	2013,Q4	2014,Q4	--	2016,Q4
Signal Interface Amount :						
Gray Method :	--	2015,Q2	2014,Q1	2015,Q1	--	2017,Q1
Signal Interface Pins :						
[Packing Form]						
NTSC Ratio :	--	--	2017,Q4	2017,Q4	--	--
sRGB Coverage :	--	--	2017,Q4	2017,Q4	--	--
Amount per Box :						
Adobe Coverage :	Discontinued	In Production	Discontinued	Discontinued	Discontinued	In Production
Box Size :						
DCI-P3 Coverage :						
[Datasheet Source]						
Viewing Angle(L/R/U/D) :	2 Suppliers	5 Suppliers	6 Suppliers	1 Suppliers	3 Suppliers	0
Document Language :						
Viewing Direction :	500 pcs stock	264 pcs stock	2949 pcs stock	0	0	940 pcs stock
Datasheet Version :						
Response Time :	0	0	0	0	0	0
Issue Date :						
Color Temperature :						
[Production State]	SELL PANEL	BUY PANEL	ADVERTISING	ABOUT PANELOOK	MEMBER SERVICE	
White Variation :	Why sell panel here	Why buy panel here	Hot Advertising	Company info		
Customer Sample :	How to sell panel	How to buy panel	Banner Advertising	Certifications	E-mail : cs@panelook.com	
Sunlight Readable :	P Seller service	VIP Buyer service	Sitemap	Contact Us		
Mass Production :						
[Electronics Feature]						
Late Time Order :						
Vertical Frequency :						
Last Time Shipment :						
Reverse Scan :						
Production State Now :						
Total Power Consumption :						
[Transaction Information]						
[Backlight System]						
Suppliers :						
Lamp Position :						
Stocks :						

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