









Home > Panel Size > 23.8" > LM238WF1-SLE3 > Overview

LM238WF1-SLE3

Alias: LM238WF1 (SL)(E3)

WLED Backlight, Reverse I/F, Matte

Overview	Specs	Stocks	Suppliers	Touch Panels	OEM/ODM	RFQs	Driver Kits
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LG Display LM238WF1-SLE3 Application Details					Specification Shortcut	
Basic Detail :	Manufacturer	 LG Display	Model Name	LM238WF1-SLE3		
	Panel Type	a-Si TFT-LCD , LCM	Another Name	LM238WF1 (SL)(E3)		
	Panel Size	23.8 inch	Designed For	  		
Maximum Ratings :	OP Temperature	-20 ~ 50 °C	ST Temperature	-20 ~ 60 °C		
	RoHS		Vibration Level	1.0G (9.8 m/s²)		
Features :	  					
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LG Display LM238WF1-SLE3 Optical Details

Basic Information :	Luminance	250 cd/m² (Typ.)	Contrast Ratio	1000:1 (Typ.) (Transmissive)
	Good View at	Symmetry	Response Speed	14 (Typ.)(G to G) ms
	Viewing Angle	89/89/89/89 (Typ.)(CR≥10)	Operating Mode	IPS, Normally Black, Transmissive
Color Performance :	Chromaticity	Wx:0.313; Wy:0.329	Support Color	16.7M (6-bit + Hi-FRC)
	Color	6485K	White Variation	1.33 (Max.)(9 points) ?
1931 Color Gamut :	NTSC Ratio	72%	sRGB	95% coverage
	Adobe RGB	74% coverage	DCI-P3	75% coverage
	Rec.2020	54% coverage	Remarks	sRGB (Rec.709, BT.709), Rec.2020 (BT.2020)

Disclaimer : Inputted by panelook engineers according to datasheet, but we cannot guarantee the spec listed is entirely correct.

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Original Package


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LG Display LM238WF1-SLE3 Mechanical Details				
Pixel Features :	Number of Pixel	1920(RGB)×1080, FHD	Arrangement	RGB Vertical Stripe
	Dot Pitch(W×H)	0.0915×0.2745 mm	Pixel Pitch(W×H)	0.2745×0.2745 mm [92PPI]
Physical Size :	Active Viewing	527.04(W)×296.46(H) mm	Overall Dim.	543(W)×317.4(H) mm
	Bezel Opening	530.2(W)×299.6(H) mm	Overall Depth	8.4/11.7 (Typ./Max.) mm
Outline Features :	Form Shape	Flat Rectangle	Orientation	Landscape type
	Aspect Ratio(W:H)	16:9	Shape Style	Normal bezel
Fixation :	Side mounting holes (4-M3) on left, right bezel			
Other Detail :	Mass	2.27/2.39Kgs (Typ./Max.)	Surface	Antiglare, Hard coating (3H)
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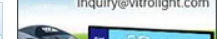
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LG Display LM238WF1-SLE3 Electronics Details	
Refresh Rate :	60Hz ?
Reverse Scan :	No
Total Consumption :	14.8W (Typ.)
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



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LG Display LM238WF1-SLE3 Interface Details						
Signal Electrical :	Input Current	480/600mA (Typ./Max.)		Input Voltage	5.0V (Typ.)	
	Consumption	2.4/3.0W (Typ./Max.)		Signal Interface	LVDS (2 ch, 8-bit)	
Interface Features :	Position			Physical Type	Connector	
Interface Detail :	Brand	Model	Pin Pitch	Pins	Amount	Pin Assignment ?
	UJU	IS100-L300-C23	1.0 mm	30 pins	1 pcs	LVDS-30P2C8B-160A
Disclaimer : Inputted by panelook engineers according to datasheet, but we cannot guarantee the spec listed is entirely correct.						

LG Display LM238WF1-SLE3 Lighting Details						
Lamp Features :	Lamp Type	WLED	Amount	18S3P	Position	Edge light type (Bottom side)
	Exchange	-	Lamp Shape	3 strings	Lamp Life	30K(Min.) (Hours)
Lamp Electrical :	Input Voltage	55.3±3.6V		Input Current	75/80mA (Typ./Max.)	
	Consumption	12.4/13.2W (Typ./Max.) 				
Interface Features :	Position		Physical Type	Connector		
Interface Detail :	Brand	Model	Pin Pitch	Pins	Amount	Pin Assignment 
	LS Mtron	GT108-6P-H26(HF)	1.0 mm	6 pins	1 pcs	BLE-6PINS-CNAACC
Backlight Driver :	No					
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LM238WF1-SLA3

LM238WF1-SLE1

LM238WF1-SLE3

LM238WF1-SLH1

LM238WF1-SLK1

LM238WF1-SLK2

LM238WF1-SLM1

LG Display LM238WF1-SLE3 Packing Details			
Package Box :	Amount	Size (L×W×H)	Weight
	12 pcs / box	-	635×370×400 mm

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4.3~32 inch

Original Package

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LM238WF1-SJE1
LM238WF1-SLA1
LM238WF1-SLA3
LM238WF1-SLE1
LM238WF1-SLE3
LM238WF1-SLH1
LM238WF1-SLK1
LM238WF1-SLK2
LM238WF1-SLM1

LG Display LM238WF1-SLE3 Specification Source

	File Number	Version	Language	Issue Date
Datasheet Referenced :	-	Ver1.0	English	2013 - 10 - 28
Panelook Latest Update :	2019-09-06 13:37			
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Datasheet	Version	Language	Issue Date	File Size	Pages	Latest	
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Panelook now have 1 datasheets of LM238WF1-SLE3 (Alias: LM238WF1 (SL)(E3)) released by LG Display Co., Ltd. (hereafter called LG Display). According to datasheet with version of Ver1.0 which was released out on 10 28 2013, LM238WF1-SLE3 supports display 1920(RGB)×1080 (FHD) with aspect ratio of 16:9 (W:H), whose pixels are arranged in RGB Vertical Stripe. As for mechanical detail, it features active area of 527.04(W)×296.46(H) mm, outline size of 543(W)×317.4(H)×11.7(D) mm, viewing area size of 530.2(W)×299.6(H) mm, with surface treatment of Antiglare, Hard coating (3H), net weight of 2.27/2.39Kgs (Typ./Max.). As a IPS, Normally Black, Transmissive LCM product, LM238WF1-SLE3 can provides 250 cd/m² display brightness 1000:1 transmissive contrast ratio, 89/89/89/89 (Typ.)(CR≥10) (L/R/U/D) viewing angle, best view direction on Symmetry , and response time of 14 (Typ.)(G to G) ms. Gray scale or the brightness of the sub-pixel is determined with a 6-bit + Hi-FRC gray scale signal for each dot, thus presenting a palette of 16.7M colors, also with performance of color gamut 72% (NTSC). This product adopted 1853P WLED as it's backlight system which was placed as Edge light type (Bottom side) and have a working life time of 30K hours, external backlight driver is additionally needed. LM238WF1-SLE3 utilizes LVDS (2 ch, 8-bit) as it's signal inputting system, which connected by 30 pins Connector with power supply voltage of 5.0V (Typ.). It's typical vertical frame rate (Fv) is 60Hz. For more latest product detail of LM238WF1-SLE3 We strongly recommend that you should refer to datasheet listed on Panelook.com or contact with LG Display or it's distributor. All specification details are inputted by Panelook engineers according to datasheet, but we cannot guarantee the spec listed is entirely correct.

[LM238WF1-SLE3 Overview](#)[LM238WF1-SLE3 Specifications](#)[LM238WF1-SLE3 Stocks](#)[Stretched Bar LCD ODM](#)[LM238WF1-SLE3 Suppliers \(2 items\)](#)[LM238WF1-SLE3 Touch Panels \(4 items\)](#)[LM238WF1-SLE3 North American Sales](#)[LM238WF1-SLE3 日本販売](#)**SELL PANEL**

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