
















## OVERVIEW:

Panel Brand :	<a href="#">SAMSUNG</a>
Panel Model :	<a href="#">LMS430HF03</a>
Panel Type :	a-Si TFT-LCD , Panel
Panel Size :	<a href="#">4.3 inch</a>
Resolution :	480×272(RGB) , WQVGA
Display Mode :	PVA, Normally Black, TMR 
Active Area :	95.04×53.856 mm
Outline :	105.5×67.2 mm
Surface :	Hard coating (3H)
Brightness :	400 cd/m <sup>2</sup> (Typ.)
Contrast Ratio :	800 : 1 (Typ.)
Display Colors :	16.7M (8-bit) , CIE1931 50%
Response Time :	17/15 (Typ.)(Tr/Td)
Viewing Angle :	80/80/80/80 (Typ.)(CR≥10) (L/R/U/D)
Frequency :	60Hz 
Lamp Type :	10S1P WLED  Without Driver
Signal Interface :	Parallel RGB (1 ch, 8-bit) , 45 pins
Input Voltage :	2.5/3.3V (Typ.)(VDD)
Application :	<ul style="list-style-type: none"><li></li><li></li><li></li></ul>

## SPECS:

### SAMSUNG LMS430HF03 Basic Information

Panel Brand :	
Panel Model :	LMS430HF03
Panel Type :	a-Si TFT-LCD , Panel
Application :	<ul style="list-style-type: none"><li></li><li></li><li></li></ul>
Operating Temperature :	-20 ~ 70 °C
Storage Temperature :	-40 ~ 85 °C
RoHS :	
Specific Feature :	   
Remarks :	DE/SYNC Mode; 3 in 1 FPC, Left side FPC (15.0mm length)

## SAMSUNG LMS430HF03 Mechanical Features

<b>Panel Size :</b>	4.3 inch
<b>Dot Resolution :</b>	480×272(RGB) (WQVGA)
<b>Pixel Configuration :</b>	RGB Horizontal Stripe
<b>Pixel Density :</b>	128 PPI
<b>Aspect Ratio :</b>	16:9 (H:V)
<b>Form Factor :</b>	Flat Rectangle Display
<b>Dot Pitch :</b>	0.198×0.066 mm (H×V)
<b>Pixel Pitch :</b>	0.198×0.198 mm (H×V)
<b>Weight :</b>	63/68g (Typ./Max.)
<b>Surface :</b>	Hard coating (3H) ?
<b>Active Area :</b>	95.04×53.856 mm (H×V)
<b>Outline Dimension :</b>	105.5×67.2 mm (H×V)
<b>Outline Depth :</b>	3.95±0.2 mm
<b>Holes &amp; Brackets :</b>	Without
<b>Landscape or Portrait :</b>	Landscape type
<b>Touch Panel :</b>	Embedded (4-wire Resistive)

## SAMSUNG LMS430HF03 Optical Features

<b>Display Mode :</b>	PVA, Normally Black, TMR ?
<b>Brightness :</b>	400 cd/m <sup>2</sup> (Typ.)
<b>Contrast Ratio :</b>	800 : 1 (Typ.) (Transmissive)
<b>Display Color :</b>	16.7M (8-bit)
<b>Color Gamut :</b>	50% NTSC (CIE1931)
<b>Response Time :</b>	17/15 (Typ.)(Tr/Td)
<b>Viewing Angle :</b>	80/80/80/80 (Typ.)(CR≥10) (L/R/U/D)
<b>Viewing Direction :</b>	Symmetry
<b>White color Chromaticity :</b>	Wx:0.320; Wy:0.340
<b>White Variation :</b>	1.25/1.43 (Max.)(9 points) ?
<b>Sunlight Readable :</b>	Sunlight Readable

## SAMSUNG LMS430HF03 Electronics Feature

<b>Vertical Frequency :</b>	60Hz ?
<b>Reverse Scan :</b>	No
<b>Time Controller (T-CON) :</b>	Embedded T-CON

## SAMSUNG LMS430HF03 Backlight System

<b>Lamp Position :</b>	Edge light type ?
<b>Lamp Type :</b>	WLED
<b>Lamp Amount :</b>	10S1P ?
<b>Lamp Shape :</b>	1 string
<b>Lamp Voltage :</b>	33V (Typ.)
<b>Lamp Current :</b>	22/24mA (Typ./Max.)
<b>Lamps Power Consumption :</b>	730mW (Typ.)
<b>Interface Type :</b>	Included in panel signal interface
<b>Lamp Driver Board :</b>	No

### SAMSUNG LMS430HF03 Signal Interface

<b>Signal Category :</b>	TTL					
<b>Signal Class :</b>	Parallel RGB (1 ch, 8-bit)					
<b>Input Voltage for Panel :</b>	2.5/3.3V (Typ.)(VDD)					
<b>Panel Power Consumption :</b>	100/120mW (Typ./Max.)					
<b>Interface Type :</b>	FPC					
<b>Signal Interface :</b>	Brand	Model	Pin Pitch	Pins	Amount	Configuration 
			0.3 mm	45 pins	1 pcs	

### SAMSUNG LMS430HF03 Packing Form

<b>Amount per Box :</b>	180 pcs
<b>Box Size :</b>	505×355×200 mm (L×W×H)
<b>Box Gross Weight :</b>	13.7 Kgs

### SAMSUNG LMS430HF03 Specification Source

**Language :** English  
**Version :** Rev.000  
**Issue Date :** 2007 - 8 - 27  
**Panelook Updated :** 2016-11-10 14:28

**Disclaimer :** The above parameters are inputted by electronic engineers according to the datasheet, every effort has been made to reduce errors, but we can not guarantee that the parameter is entirely correct.