Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

QUICK REFERENCE DATA

PARAMETER	VALUE	UNIT
Overall dimensions		
Width	143.00 +/-0.2	mm
Height	228.60+/-0.2	mm
Depth	2.45	mm
Screen size (diagonal)	10.1	inch
Active area dimensions		
Width	135.36	mm
Height	216.58	mm
Display resolution	1200 x 3 x 1920 WUXGA	Pixels
Aspect ratio	10:16	
Pixel dimensions		
Horizontal	0.1128	mm
Vertical	0.1128	mm
Pixel per Inch	224	PPI
Pixel arrangement	RGB Vertical stripe	
Display colors	16.7M	colors
Display mode	Normally Black	
Driver IC	NT51021	
Driver RAM size	RAMLESS	
Light Source	LED Backlight	
Interface	MIPI, 4-line	
Supply voltage module	+ 3.3	V
Interface Supply voltage	N.A.	V
Power consumption module (normal value with backlight)	2.35	W
Advised viewing direction	Free	
Maximum contrast ratio (peak viewing angle)	1000:1	
Typical luminance	300	Cd/m^2
Backlight lifetime (Continuous operation at 25C; I_{LED} = +15mArms)	Min. 15000	hours
Operating temperature range*		
- Bare module	0 to +50	^oC
- Module installed in customer application cluster	-20 to +60	
Storage temperature	t.b.d.	^oC
Response speed (typical)	25	ms
Module mass (without external flexible foil cable)	t.b.d.	g

*   This is the ambient temperature set for the chamber.

MECHANICAL DATA

228.6±0.2
219.98 (TOP POLAR)
216.58 (A.A)
(111.52)
2.03
3.23
3.82
2.32

10.1″AHVA
1200*RGB*1920
224 PPI
FREE

Pixel Size 100:1
0.1128
0.1128
R | B

(71.5)
135.36 (A.A)
138.36 (TOP POLAR)
143±0.2

(4.0)
2.45 MAX

13.59±0.5
48.23±0.5
0.5 MAX

40PIN/P0.5/T1.0
HRS FH19SC-40S-0.5SH
下视

7*4=28PCS
驱动电流: 100mA

DIMENSIONAL TOLERANCE (±) 尺寸范围(±)						
公差等级	0~5	5~15	15~60	60~150	150~300	300~650
□ A	0.05	0.10	0.15	0.20	0.25	0.30
☑ B UNLESS OTHERWISE SPECIFIED 没指定尺寸	0.10	0.15	0.20	0.25	0.30	0.35

NO.	Pin name
1	NC
2	NC
3	VDD3V3/3.3V
4	VDD3V3/3.3V
5	NC
6	RESET
7	GND
8	NC
9	MIPI_D00+
10	MIPI_D00-
11	GND
12	MIPI_D01+
13	MIPI_D01-
14	GND
15	MIPI_CLK+
16	MIPI_CLK-
17	GND
18	MIPI_D02+
19	MIPI_D02-
20	GND
21	MIPI_D03+
22	MIPI_D03-
23	GND
24	NC
25	NC
26	GND
27	PWM_IN/NC
28	PWM_OUT/NC
29	NC
30	GND
31	LED-
32	LED-
33	NC
34	LED-
35	NC
36	LED-
37	NC
38	NC
39	LED+
40	LED+