



SPECIFICATION

MODULE NO.: WF39ATIASDNN0#

General Specifications

Item	Dimension	Unit
Size	3.9	inch
Dot Matrix	480 x RGBx128(TFT)	dots
Module dimension	105.5(W) x 40.64(H) x 2.95(D)	mm
Active area	95.04 x 25.34	mm
Dot pitch	0.066(W)x 0.198(H)	mm
LCD type	TFT, Normally White, Transmissive	
View Direction	12 o'clock	
Gray Scale Inversion Direction	6 o'clock	
Backlight Type	LED, Normally White	
With /Without TP	Without TP	
Surface	Anti-Glare	

*Color tone slight changed by temperature and driving voltage.

Absolute Maximum Ratings

Item	Symbol	Min	Typ	Max	Unit
Operating Temperature	TOP	-20	—	+70	°C
Storage Temperature	TST	-30	—	+80	°C

Electrical Characteristics

Operating conditions:

Item		Symbol	MIN	TYP	MAX	Unit
Supply Voltage		V_{DD}	3.0	3.3	3.6	V
Input Signal Voltage	Low Level	V_{IL}	GND	-	$0.3 \times V_{DD}$	V
	High Level	V_{IH}	$0.7 \times V_{DD}$	-	VDD	V

Interface

LCM PIN Definition

No.	Symbol	Description
1	VBL-	Backlight LED Cathode
2	VBL+	Backlight LED Anode.
3	GND	System Ground
4	VDD	Power supply for logic operation
5~12	R0~R7	Data bus
13~20	G0~G7	Data bus
21~28	B0~B7	Data bus
29	GND	System Ground
30	DCLK	Pixel clock signal
31	DISP	Display on/off control
32	HSYNC	Horizontal Sync signal
33	VSYNC	Vrtical Sync signal
34	DE	Data Enable
35	NC	No connection
36	GND	System Ground
37	NC	No connection
38	NC	No connection
39	NC	No connection
40	NC	No connection

Contour Drawing

