



● Feature

1. 5.0" TFT LCD Module.
2. Resolution:800*RGB*480
3. Display Type:TFT/Transmissive/Normally/white
4. Interface Type:SPI
5. Controller IC FT810
6. Top:-20°C~70°C
7. Support Resistive Touch Panel
8. Surface Luminance 280 cd/m²(Type)

● Mechanical Data

Module(WxHxT)(mm): 133.0*80.0*5.8

Active Area(mm): 108.0*64.8

LED Numbers: 12 LEDs



● Pin Assignment

Pin No.	Symbol	I/O Voltage	Function
1	VDD	-	Power supply voltage for logic.
2	VSS	-	Ground.
3	SCL	3.3V	SPI clock input.
4	MISO	3.3V	SPI MISO output.
5	MOSI	3.3V	SPI MOSI input.
6	/CS	3.3V	Chip select signal. Active low.
7	/PD	3.3V	Chip power down mode control input,active low.
8	/INT	3.3V	Interrupt to host,active low.

● Electronic Characteristics

Item	Symbol	Min.	Typ.	Max.	Unit
Power Supply	V _{DD}	4.5	5.0	5.5	V
Input signal Voltage	V _{IH}	2.0	-	-	V
	V _{IL}	-	-	0.8	V
Output signal Voltage	V _{OH}	2.9	-	-	V
	V _{OL}	-	-	0.4	V
Digital Current	I _{DD}	-	320	-	mA

● Dimension

