

Feature

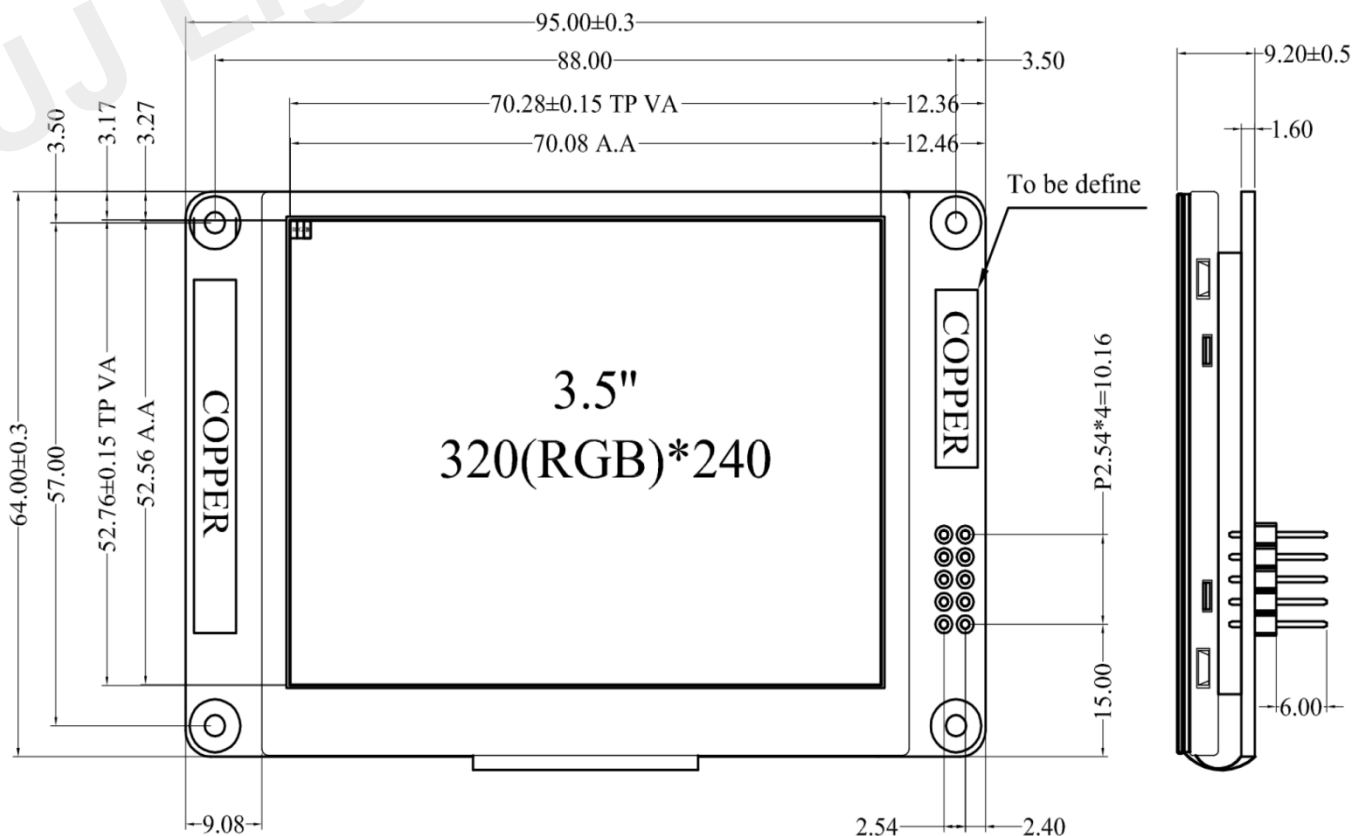
1. 3.5" IPS TFT LCD Module
2. Resolution:320*RGB*240
3. Display Type:TFT/Transmissive/Normally/white
4. Interface Type:4-Wire SPI
5. Controller IC: FT811
6. Top:-20°C~70°C
7. Support Capacitive Touch Panel



Mechanical Data

1. Module(WxHxT)(mm):95.0*64.0*9.2
2. Active Area(mm):70.08*52.56
3. LED Numbers: 6 LEDs

Dimension



Interface Pin Function

CN1

Pin No.	Symbol	Type	Function
1	VSS	P	Ground.
2	VDD	P	Power supply voltage.
3	LCM_RST	I	Chip power down mode control input, active low.
4,5	NC	-	No connection.
6	INT	O	Interrupt to host, open drain output (default) or push-pull output, active low.
7	CSFT	I	Chip select signal. Active low.
8	MOSI	I	SPI MOSI input.
9	MISO	O	SPI MISO output.
10	SCK	I	SPI clock input.

CN2

Pin No.	Symbol	Type	Function
1,2,19	VSS	P	Ground.
3,4,20	VDD	P	Power supply voltage.
5~12	NC	-	No connection.
13	LCM_RST	I	Chip power down mode control input, active low.
14	INT	O	Interrupt to host, open drain output (default) or push-pull output, active low.
15	CSFT	I	Chip select signal. Active low.
16	MOSI	I	SPI MOSI input.
17	MISO	O	SPI MISO output.
18	SCK	I	SPI clock input.

Electronic Characteristics

Module

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Supply Voltage	V_{DD}		-	3.3	-	V
Input signal Voltage	V_{IH}		2	-	-	V
	V_{IL}		-	-	0.8	V
Output signal Voltage	V_{OH}	$I_{oh}=5mA$	$V_{DD}-0.4$	-	-	V
	V_{OL}	$I_{ol}=5mA$	-	-	0.4	V
Digital Current	I_{DD}		-	300	-	mA

Backlight

Item	Symbol	Min.	Typ.	Max.	Unit
Luminance	L	360	400	—	cd/m ²