

## 800x480 resolution 5 inch ips lcd panel support SPI interface

### Description Of 5 inch LCD Panel

**TST050WVHS-89** is 5 inch ips lcd panel, normally it's much common for RGB interface, but this 5 inch lcd panel support SPI interface. It's integrated with LT7680 IC, available to add the flash, only need some simple instruction and then customer could light up the display very easily. The performance is just similar as RA8875.

Team Source Display is ISO9001, ISO14001, ISO13485, IATF16949 certificated LCD manufacturer. Our lcd display is widely using for Industry, Medical, Automotive and Smart products. Any further interests, please contact our sales for more details.

### Specification Of 5 inch LCD Panel

LCD type	5 inch LCD panel
Part No.	<b>TST050WVHS-89</b>
Resolution	800xRGBx480
Outline dimension	120.70x75.80x2.9mm
Active Area	108.00x64.80mm
Brightness	500 cd/m <sup>2</sup>
Interface	SPI
Viewing Direction	All o'clock
Operating temperature	-20°C to +70°C
Storage temperature	-30°C to +80°C

### Feature Of 5 inch LCD Panel

Integrated with LT7680 IC, it has capability to receive external reset(RST#) event to synchronize with external system. The external reset event will be admitted when RST# keep low and stable at least 256 OSC clocks. Before the start to access LT768x, Host should check it's Status Register(STSR) bit [1], i.e. operation mode status bit, and make sure it's in "Normal operation state".

Supply Voltage (Analog)	VDD~GND	-0.3	4.0	V
Logic signal voltage(I/O)	IOVDD~GND	-0.3	4.0	V
Operating Temperature	TOP	-20	70	°C
Storage Temperature	TST	-30	80	°C
Humidity	RH	-	90%(Max 60°C)	RH