



SHENZ yr

39

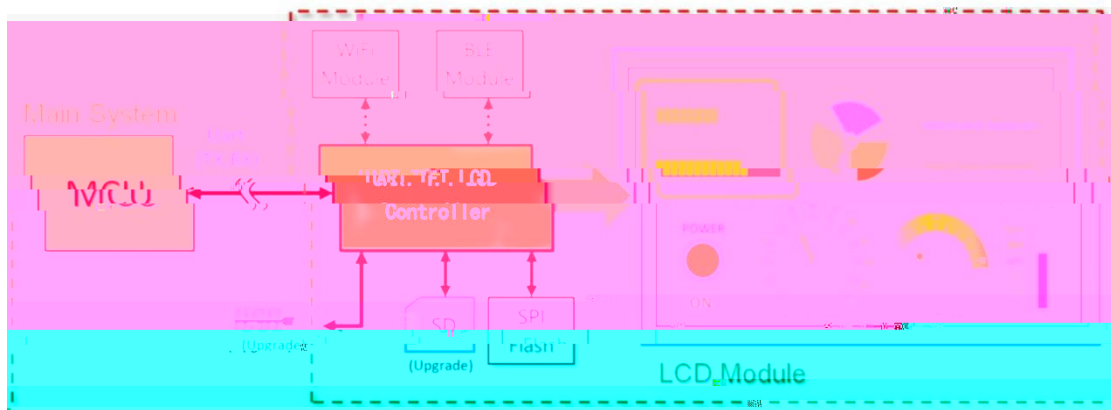
:

:(086)0755-88860696

:(086)0755 -26911092

:Http://www.av-display.com





0xAA (1 Byte)	1 Byte	1 Byte	n Byte	2 Byte	0xE4 0x1B 0x11 0xEE (4 Bytes)



Power and UART



1	PWR+(12V)	4	RS485+
2	RX	5	RS485-
3	TX	6	PWR-

MCU burning Interface



1	GND	3	SWDCK
2	SWDIO	/	/

Standard Type-a USB 2.0 Interface



1	USB5V	3	DP
2	DN	4	GND

8 3W Loudspeaker



1	SPK+	2	SPK-

Remark:

- (1) The default value of a serial port is TTL.R6 R8 used to select TTL,R1 R3 used to select RS232, R4 5 used to select RS485.
- (2) J3 is used for MCU firing.
- (3) The RN

is

1					6
2					5
3					4
4	REV.	DESCRIPTION			3
5	0	FIRST ISSUE			2
6					1



1	LCD Size	7.0 Inch	/
2	Display Mode	TN/Normally White/Transmissive	/
3	Interface type	24 bit RGB	/
4	Resolution	800 *480 Pixels	/
5	Pixel Pitch	0.1962*0.1790 mm	/
6	Color Depth	16.7M	/
7	Module Size (L*W*H)	165.00*100.00*5.70 mm	/
8	Surface Luminance	500(Typ.)	cd/m ²

1	Touch Type	Capacitive Touch Panel (CTP)	/
2	Driver IC	GT911 or Compatible	/
3	Resolution	800*480 Pixels	/
4	Interface Type	IIC	/
5	Size	7.0 Inch	/
6	Operating Voltage	3.3	V

Item

5	Temperature Cycle Storage Test	-30°C ~ 25°C ~ +80°C/10 cycles (30 min.) (10 min.) (30 min.)	value before test and after test is 50% larger; 2. Function defect : Non-display,abnormal-d isplay 3.Visual defect : Glass crack.	
6	High Temperature High Humidity Test	+60°C*90% RH/120 hours		
7	Vibration Test	Frequency : 250 r/min Amplitude : 1 inch Time: 45 min		
8	Drop Test	Drop direction: 1 corner/3 edges/6 sides ,10 times		
		Packing weight(kg)		Drop height(cm)
		<11		80±1.6
		11 G<21		60±1.2
		21 G<31		50±1.0
31 G<40	40±0.8			
9	ESD Test	Air discharge: ±8 KV, 10 times Contact discharge: 10 times		

Avoid any inappropriate handling for the panel during vibration in the assembly process.
Do not bend panels and prevent impact or external force from damaging panels during assembly.
High temperature, high humidity or pressure change may affect performance. Store and use the product in an appropriate environment.
Avoid use of mist, acid, alkali and oil. Do not expose the panel to the sun.
Wear gloves, antistatic gloves and do not touch the panel with your hands.
When handling, use ion-free gloves to prevent electrostatic discharge (ESD).

electrostatic discharge (ESD).
Follow the correct procedure when rating the panel.

V-COM voltage should be adjusted after aging (blinking) to display the best performance.

Turn off the p9

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