SHENZ yr

:
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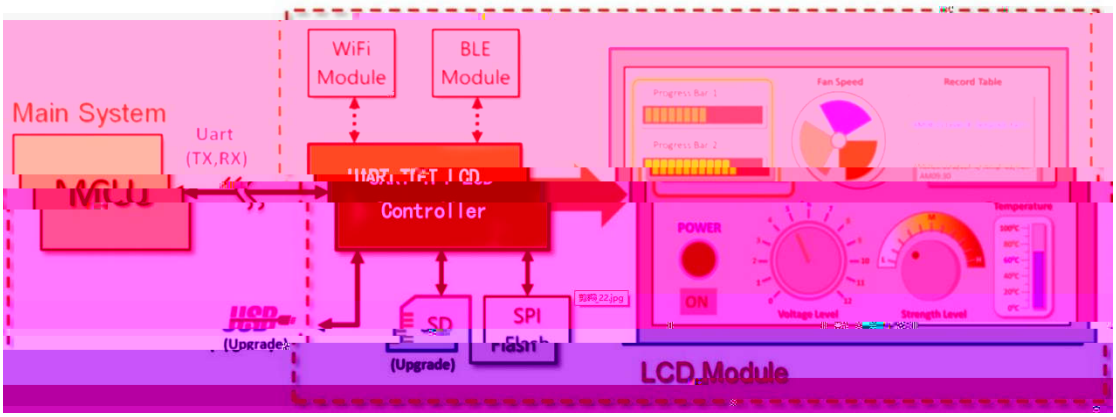
:(086)0755-88860696
:(086)0755 -26911092
:Http://www.av-display.com



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

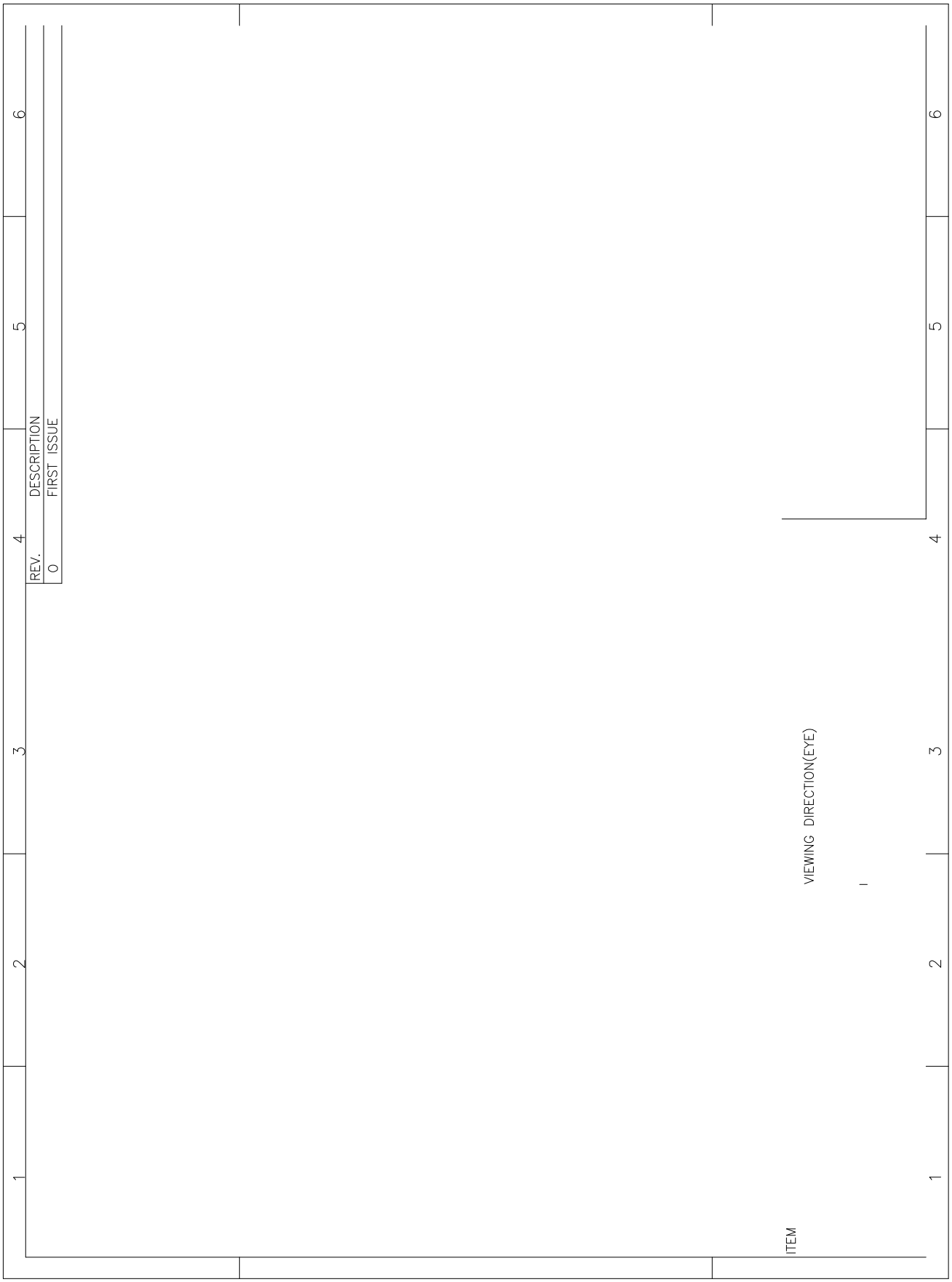
1	SPK+	2	SPK-

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


REV.
DESCRIPTION
0
FIRST ISSUE
VIEWING DIRECTION(EYE)
ITEM

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-display 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: ±4 KV, 10 times		

Avoid any inappropriate external force or strong vibration in the assembly process.
Do not twist or bend panels and prevent improper external forces from damaging panels during assembly.
High temperature, high humidity or rapid temperature changes may affect performance. Store and use the product in an appropriate environment.
Avoid dust, oil mist, acid, alkali and chloride damage to the product.
Wear wrist straps, antistatic gloves and clothes during assembly to prevent electrostatic discharge (ESD).
When assembling, use ionic fan to prevent electrostatic discharge (ESD).
Removing the protective film from the top (PCBA binding side) to the bottom in 3 seconds to prevent electrostatic discharge (ESD).
Follow the correct time sequence when operating.
Avoid displaying the same mode/pattern for a long time.
V-COM voltage should be adjusted after aging (blinking) to display the best performance.
Turn off the p9 T u я t