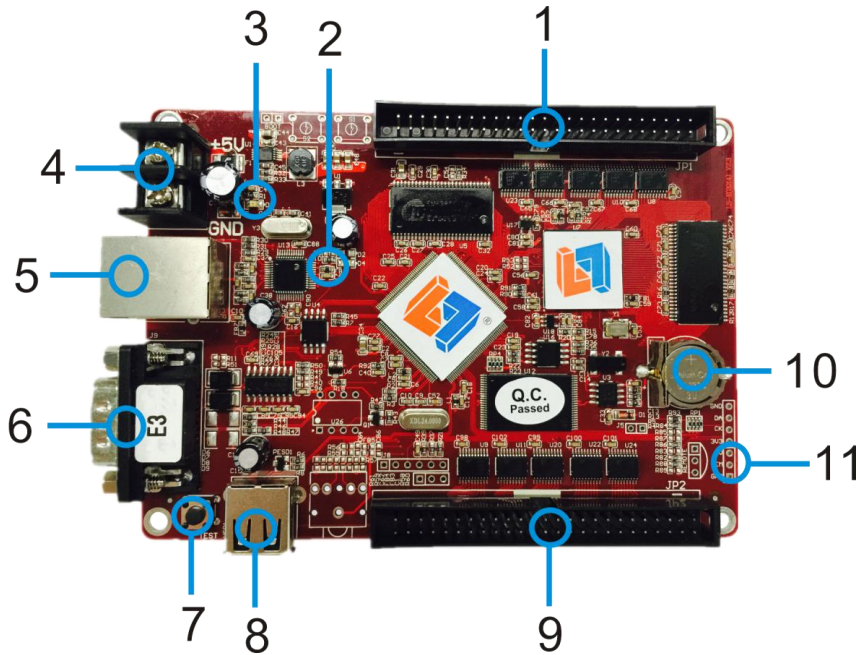


Specification for E1/E2/E3 LED Display Controllers

版本	日期	原因
V2.00	2015/08/07	创建文档

Hardware:



Item	Interface Name	Description
1	50PIN port	Connect HUB board
2	Status indicator	Indicating working state
3	5V Power indicator	Indicating power state
4	5V Power supply	Voltage range support 3.5V-6V
5	Ethernet port	Million ethernet interface
6	DB9 port	DB9 serial port
7	Multifunction button	1.Test LED panel 2.Reset to defaults
8	USB port	USB port
9	2x50PIN	Connect HUB board
10	RTC Button battery	RTC battery , Voltage 3V
11	Sensor port	Connect temperature sensor

Parameter:

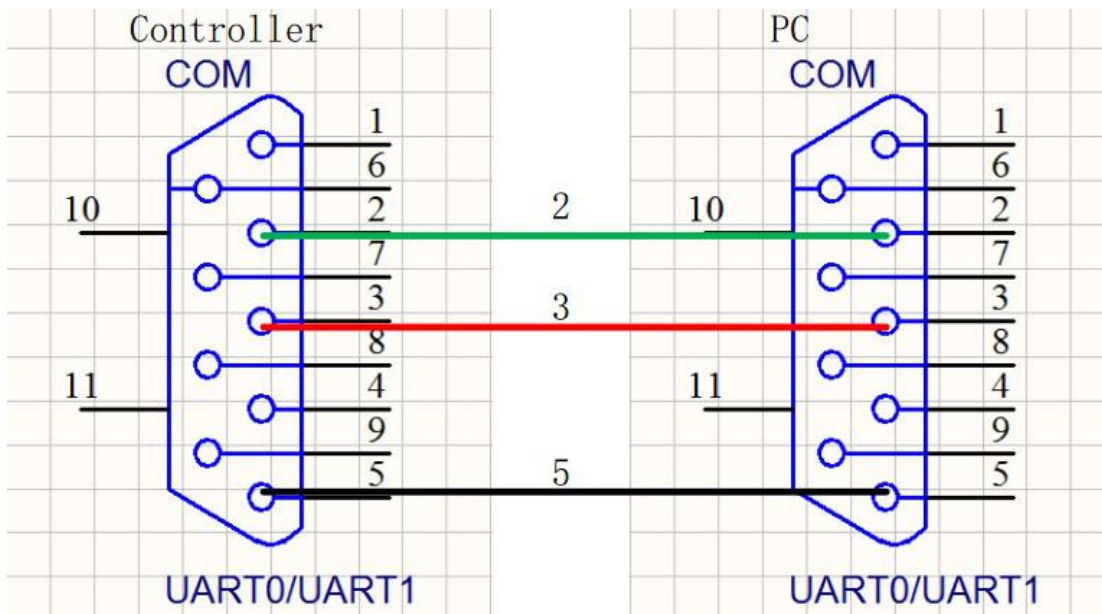
Product model	E1	E2	E3
Pixels	Double color:256K	Double color:512K	Double color:1024K
Support Range (single and double color)	4096*64 2048*128 1024*256 512*512	4096*128 2048*256 1024*512	8192*128 4096*256 2048*512
Memory	128MByte		
Suitable for	All kinds of single/double color led modules/Seven colors		
Software Function	Multi-area display/More language		
Program number	128 programs, 16 area for each program		
Area type	Text,Graphic,Animation,Time, Clock,Timer,Temperature		
Frame display	Program Water frame/Area Water frame		
Clock display	Digital clock,Analog clock,Positive timing,Negative timing		
Communication port	Million ethernet interface , USB , RS232 , RS485		
Display Port	2X50PIN		
Sensor	Temperature Sensor		
Brightness Adjustment	16 grade, auto brightness adjustment/ adjust by software		
Remote Switch	Support timing turn on/off , Turn on/off by software		
Working Voltage	3.5V~6V		
Max Power	<1W		
Working Temperature	-40°C-85°C		
Secondary Development	Offer DLL		
Software	LED Player 6.0		

Serial Interface Description:

Controller using serial port is the DB9 interface , the pin definition as follows :

Pin	Item	Pin Names	Description
2		TXD	RS232Send
3		RXD	RS232Receive
5		GND	Power ground
7		DATA+	RS485 D+
8		DATA-	RS485 D-
Note: other pin is empty, do not use. 232 communication using 232 serail through line.			

Controller support 232 and 485 communication.232 communication using 232
 serail through line.the connection mode is:



Dimensional drawing:

