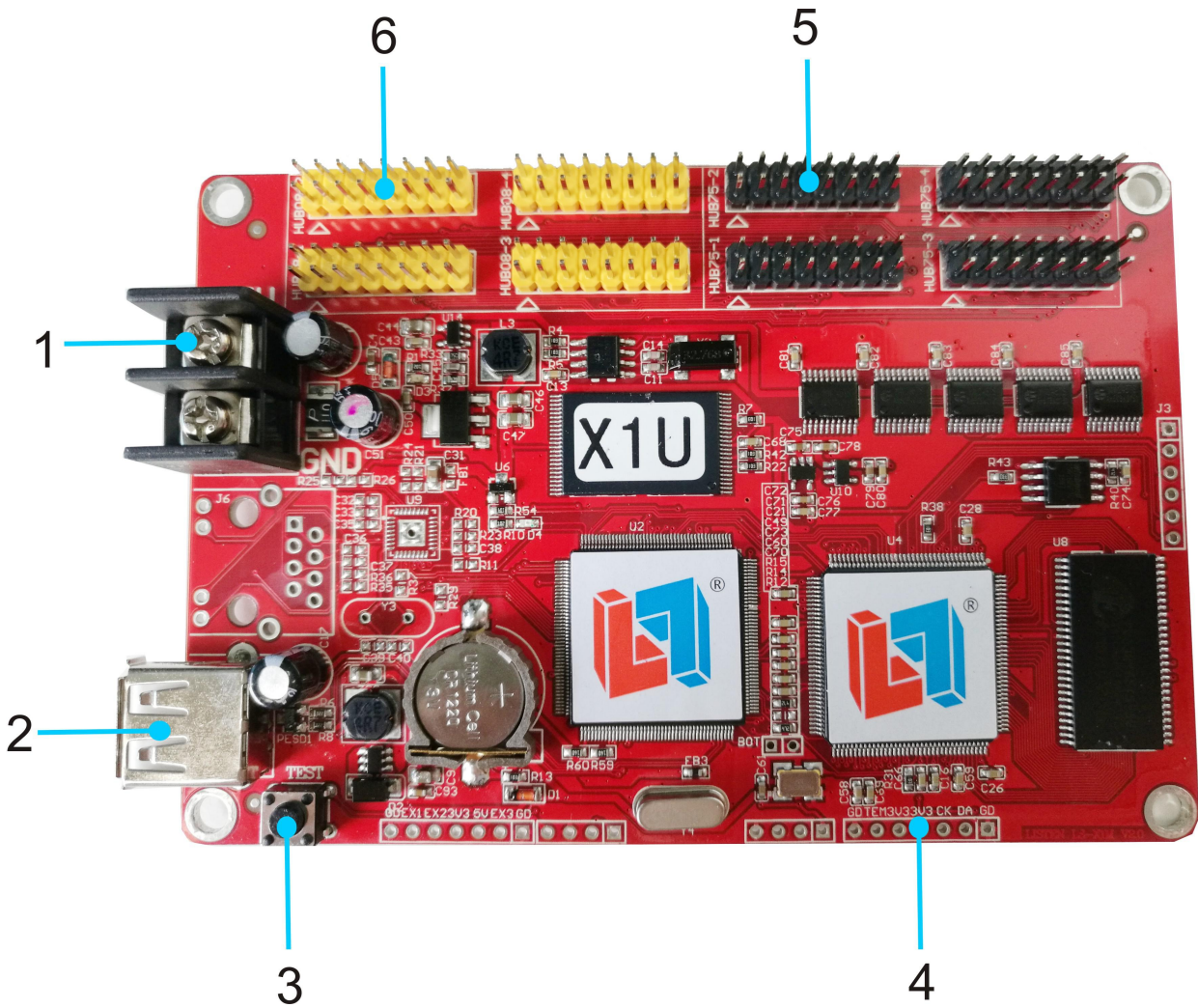


# Specification for LS-X1U LED Display Controller

Version	Date	Reason
V1.00	01/12/2015	Document

## Hardware



Item	Interface Name	Description
1	Power port	Voltage 4.5V-6V
2	USB interface	Transmit programs via USB
3	Multi-function button	1. Test LED panel 2. factory data reset
4	Sensor interface	Connect temperature and humidity sensor
5	HUB75 interface	4* 75E interface( 8 group RGB data)
6	HUB08 interface	4* 08 interface(4 group RGB data)

## Parameter

<b>Application</b>	All kinds of LED full-color banner screen
<b>Support Range</b>	1024*64 , 512*128 (16scan)
<b>Gray level</b>	4096
<b>Video format</b>	AVI、WMV、RMVB、MP4、3GP、ASF、MPG、FLV、F4V、MKV、MOV、DAT、VOB、TRP、TS、WEBM common format etc.
<b>Image format</b>	Support BMP、GIF、JPG、JPEG、PNG、GIF etc.
<b>Text</b>	Support to edit text and directly import word、txt、rtf、html etc. into software
<b>Clock</b>	Support analog clock, digital clock
<b>Memory</b>	128MB
<b>Communication type</b>	USB interface, 100M network interface
<b>Software function</b>	Cluster management/Multi-program editing/Multi-area display/many languages etc.
<b>Area type</b>	Image/Text/Animation/Time/Dial/Countdown/up/Temperature/Humidity etc.
<b>Display Port</b>	4*HUB75E(8 group RGB data), 4 * 08 (4 group RGB data)
<b>Sensor</b>	temperature and humidity sensor
<b>Brightness Adjustment</b>	16 level brightness, adjust brightness manually or via timing software
<b>Working Voltage</b>	4.5V-6V
<b>Max Power</b>	≤ 2.5W
<b>Working Temperature</b>	-40℃ ~ 85℃
<b>Secondary Development</b>	Provide complete DLL
<b>Software</b>	LED Player 6.0

### Dimensional drawing

