灰度科技
HUIDU TECHNOLOGY

Shenzhen Huidu Co.,Ltd

Product Specifications

LED control card HD-U64 (USB Port)

V2.0 20170901

Overview

For signage, store, car, outdoor advertising and other information display, HUIDU technology launched our U-disk series control card, for updates the display programs by the USB port.

U64 is a U-disk series control card, through the USB port to update the program. Low cost, cost-effective, simple software interface, easy to operate, better and rich display effect, support for a variety of monochrome display.

Application software: Huidu technology sixth generation display operating software HD2016.

Features

Content	Performance
Support module	Single color/ dual color/ Tri color
Control range	Single color: 512W*256H（Widest 2048） Dual color: 256W*256H Tri color: 320W*128H
FLASH Capacity	8M Byte
Communication Port	U-Disk
HUB signal	1 of 50pin,also can connect HUB12,HUB08etc
Program Quantity	1000pcs Programs. also can change program by button or remote if weld sensor (Remoter can select1-999 Programs)
Area Quantity	20 areas with separate zone, and separated special effects and border
Display Showing	Used indoor outdoor, semi-outdoor, Led Pharmacy Cross signs Showing text, animation, time, clock etc
Display effect	1.Support all languages(Software :HD2016) 2.Support 7 color effects and Gray level (HD-U62/U63/U64)

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Display effects	3. Border functions of Program border, area border and Custom design border. 4.Add Countdown /Count up, Button Countdown / Count up 5.Add Text Rotation of 90°、180°、 270° for display Text function of Hollow、Stroke etc 6.Add payment collection function 7.Updated program by U-disk 8. More than 200 types showing effects
Clock function	1、Support calendar, analog clock, lunar calendar 2, is timing, countdown display 3, display font, size, location, etc. can be arbitrarily set 4, support for multiple time zone display
Extended Equipment	Remote function、temperature、humidity、brightness etc. (If weld sensor) .Remoter can select1-999 Programs
Automatic switch screen	Support switch on/off display by time automatically
Brightness adjustment	Brightness setting by Custom、Automatic(weld sensor) by time period regulation

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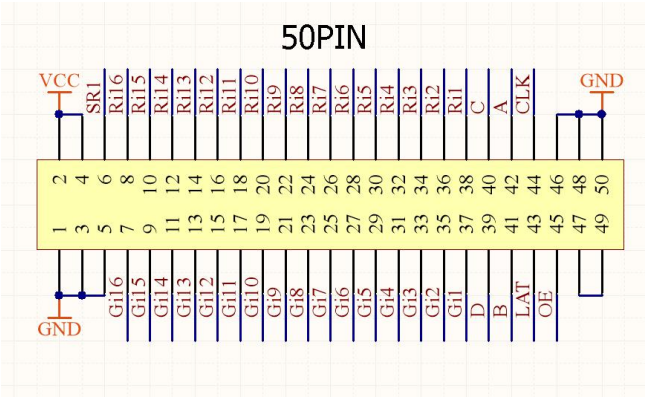
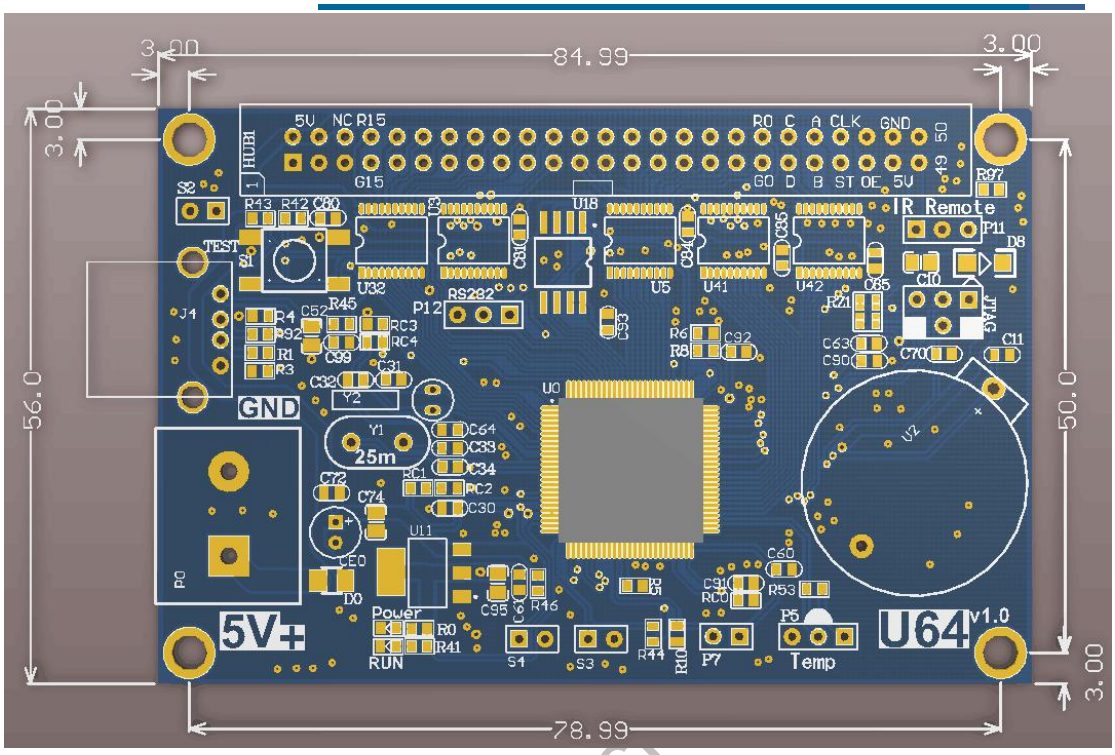
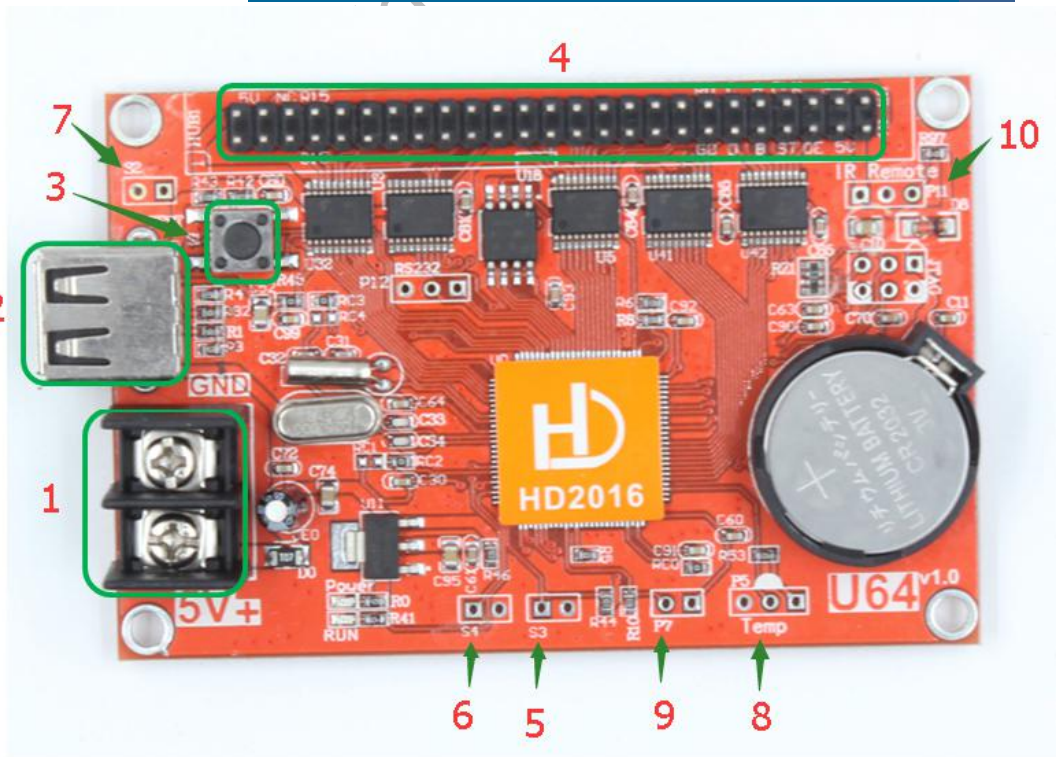
Port Definition



Setup Diagram



HD-U64 Photo



①：Power connector, connect 5V power supply;

②：USB ports，Updated program by U-disk；

③：Test button, click to switch screen test status；

④：A group universal 50PIN, connect the display；

⑤：S3, connect the point switch, switch the previous program, timer reset, count down;

⑥：S4, connect the point switch, program control, time-out, count reset;

⑦：S2, connect the point switch, switch the next program, the timer starts, count plus;

⑧：P5, connect temperature / humidity sensor;

⑨：P7, connect the brightness sensor;

⑩：P11, connected to the infrared receiver, with the remote control.

Technical Parameters

	Minimum	Typical value	Maximum
Rated voltage (V)	4.2	5.0	5.5
Storage temperature(℃)	-40	25	105
Work environment temperature (℃)	-40	25	80
Work environment humidity (%)	0.0	30	95

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Precautions

1）To ensure that the control card is stored during normal operation, make sure the battery on the control card is not loose;

2）In order to ensure the long-term stable operation of the system, please try to use the standard 5V power supply voltage.