



DS1302 clock module

Rotating LED electronic clock kit

DIY creative electronic clock spare parts kit

Product Description:

Size: 81mm*81mm*1.6mm(thickness)

Thickness: 1.6mm Material:

PCB board color: blue

Digital tube display: red

Power supply voltage: 5V (powered by miniUSB interface, not the entire board powered by battery)

Other accessories: Four studs for consolidation

Function description:

4, temperature alarm: when the ambient temperature is lower than the set minimum temperature or higher than the set maximum temperature, an alarm will be issued to remind you to turn on or off the air conditioning, so that your home to maintain a moderate temperature oh!

5. Power off travel time: Adjust the preset time. Even if the power is off, you do not need to reset the time after powering on the device.

6, LED display options: the outer ring LED has up to 10 kinds of display patterns.

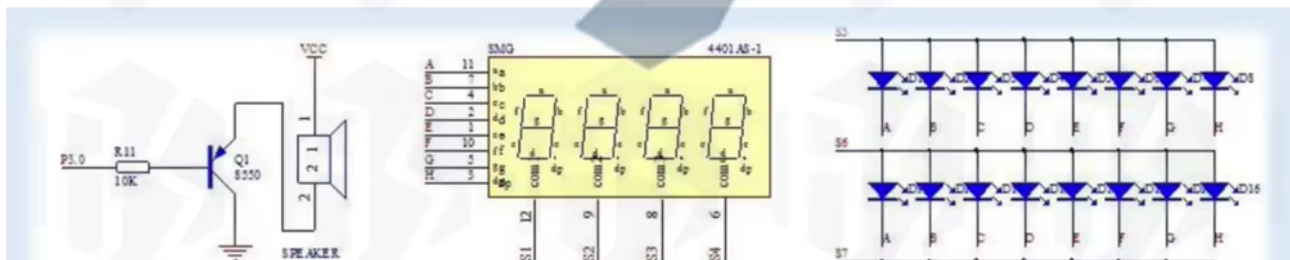
Key function description:

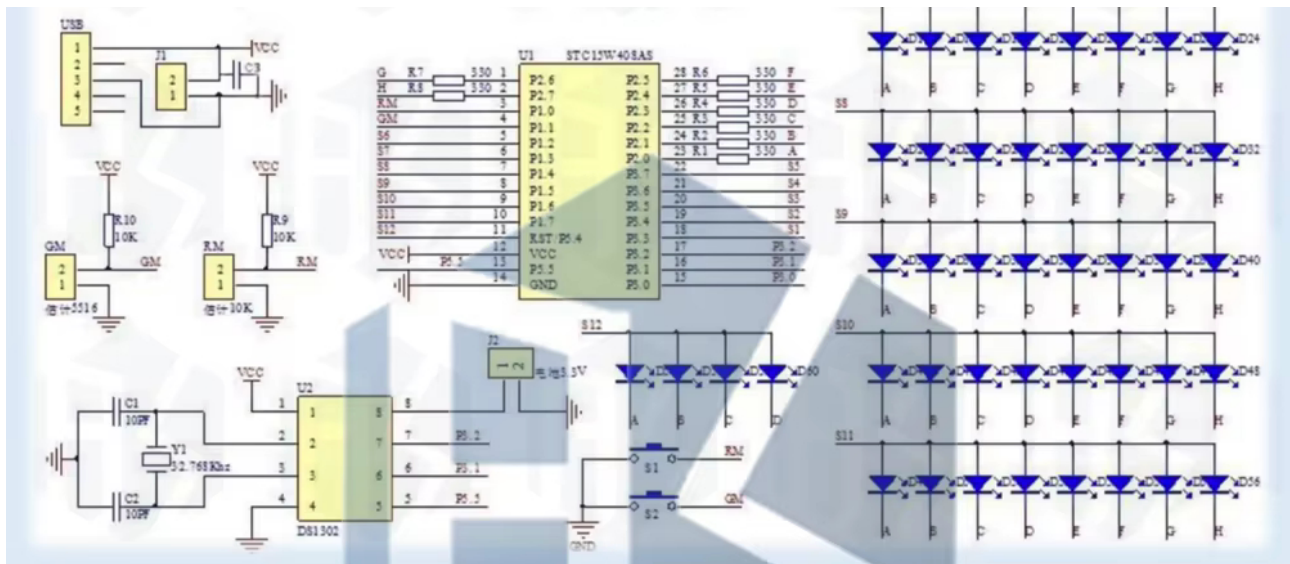
All of the above can be achieved with just 2 buttons!! A pattern key (S1) and an addition key (S2).

1. Add key: The S1 key on the corresponding board can add the time, alarm clock, light control, and rotation modes. Add one value at a time.

2, mode key: corresponding to the S2 key on the board, you can switch to the setting state when the clock is displayed.

Schematic diagram:





Appendix: specific identification method of four ring and five ring color ring resistors

Four ring resistance reading ($22 \times 1 = 22\Omega \pm 5\%$)

Color	The 1 ring represents the number	2 rings represent numbers	The 3-ring represents the multiplier	Four rings indicate error
Black	0	0	1	
Brown	1	1	10	$\pm 1\%$ F
Red	2	2	100	$\pm 2\%$ G
Orange	3	3	1K	
Yellow	4	4	10K	
Green	5	5	100K	$\pm 0.5\%$ D
Blue	6	6	1M	$\pm 0.25\%$ C
Purple	7	7	10M	$\pm 0.10\%$ B
Grey	8	8		$\pm 0.05\%$ A

Gray	0	0	0		10.00%	A
White	9	9	9			
Golden				0.1	±5%	J
Silvery				0.01	±10%	K
Colourless					±20%	M
Color	The 1 ring represents the number	2 rings represent numbers	3 rings represent numbers	The four rings represent the multiplier	5 rings indicate error	

Five ring resistance reading ($270 \times 10K = 2700K\Omega = 2.7M\Omega \pm 1\%$)

Original list:

		Model	Package	Special Description	Quantity
1	1/4W resistor	1/4W 330R	Axial	4 Ring: Orange Orange Brown Gold 5 rings: orange orange black black brown	10
2	resistance	1/4W 10K	Axial	4 ring: brown black orange gold 5 ring: brown black black red brown	5
3	Ceramic capacitor	10PF/50V	F=2.54	10	4
4	Monolithic capacitor	104/50V	F=5.08	104	1
5	Crystal oscillator	32.768KHz 6PF	3*8		1
6	Touch button	6*6*13	DIP		2
7	Thermistor	NTC-WF52AT 10K	F2.5		1
8	Photoresistance	5S16	5S16		1
9	battery	CR1220	CR1220	Battery pack separately	1
10	Battery casing	CR1220	SMD		1
11	IC	DS1302	30P8	DS1302	1
12	Single chip microcomputer	STC15W408AS (Good program)	DIP28	STC15W408AS	1
13	IC block	DIP-28 square narrow body	DIP28		1
14	buzzer	5V active	12095		1
15	Mini USB	Vertical 5PIN	DIP vertical		1
16	Transistor	S8550			1
17	led	Red hair red	F3		15
18	led	Blue hair blue	F3		55
19	Digital Tube	5643BS	5.6 inch	4 digits with clock point	1

产品图片

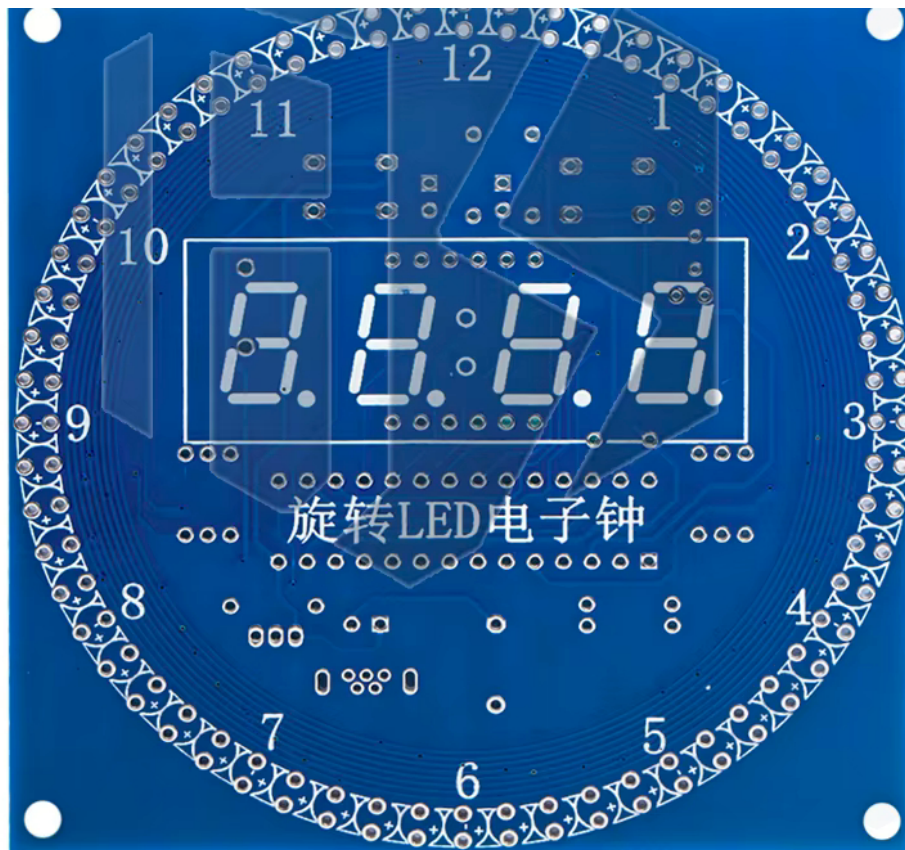
PRODUCT PICTURE

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Weight:55.03g

8.1cm



8.1cm

