

BSD-50 Flash lamp Kit Installation Instructions

DeSi Electronic Products Product number:PB00110

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Tools to be prepared:

- [1]Soldering iron
- [2]Solder wire
- [3]A multimeter
- [4]Bevel pliers
- [5]Sharp nose pliers
- [6]Tweezers

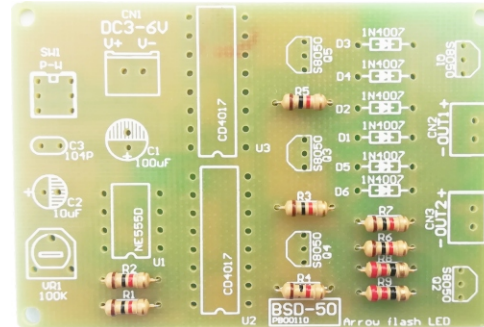
Installation Notes

- [1]Number and specification of identification elements
- [2]Identify polarity and installation direction of components
- [3]Installation in strict accordance with instructions

BSD-50 CD4017 Cascade Flash LED component list

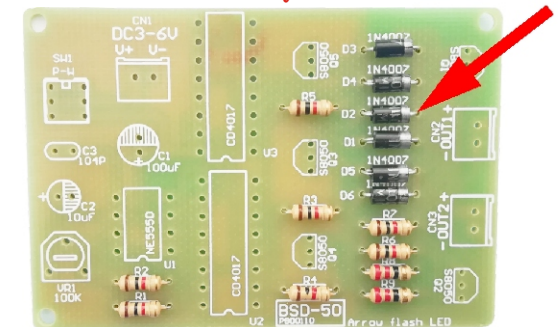
NO.	Name	Parameter	QTY
R8, R9	RES	22R	2
R1—R7	RES	1K	7
C3	CAP	104P	1
C2	E-CAP	10uF	1
C1	E-CAP	100uF	1
D1—D6	Diode	1N4007	6
Q1—Q5	Triode	S8050	5
U1	IC	NE555	1
U2, U3	IC	CD4017	2
CN1, CN2, CN3	socket	XH2. 54*2P	3
SW1	Power SW	5. 8*5. 8	1
VR1	Varistor	100K	1
CN1, CN2, CN3	wire rod	XH2. 54*20CM	3
—	PCB	PB00110	1
—	PCB	PB00111	2
—	LED	F5 R\G\B\Y	25+25+4
—	Battery box	5#4. 5V	

Step 1:Install RES



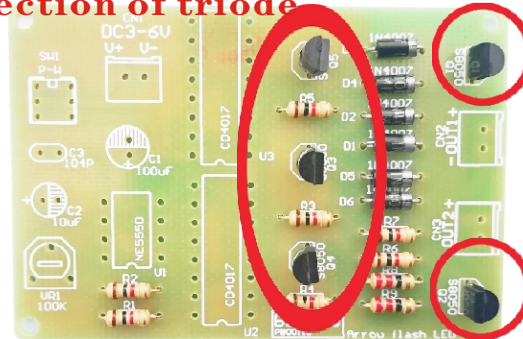
Step 2:Install Diode

Pay attention to the assembly direction of the diode



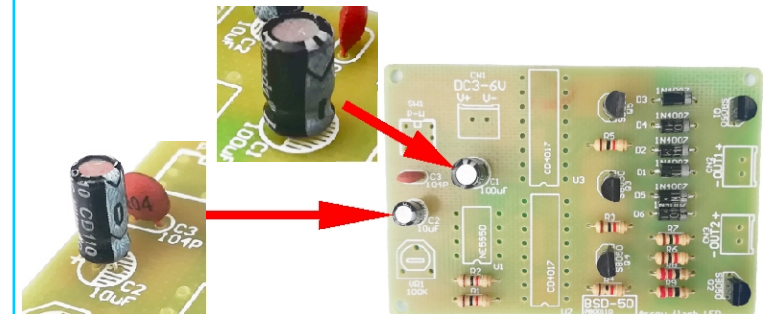
Step 3:Install Triode

Pay attention to the installation direction of triode

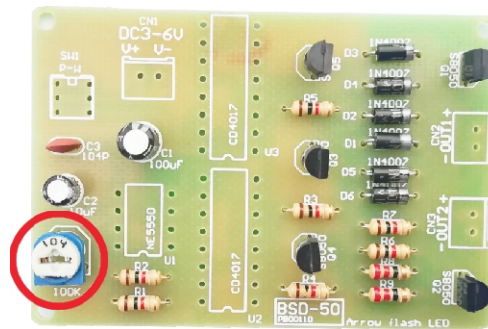


Step 4:Install CAP

Pay attention to the assembly direction of the E-CAP

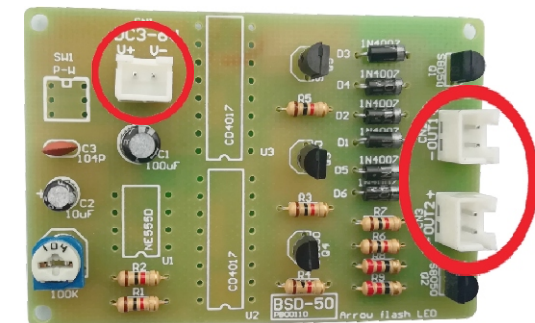


Step 5.Install Adjustable resistance



Step 6.Install socket

The cable seat cannot be installed reversely



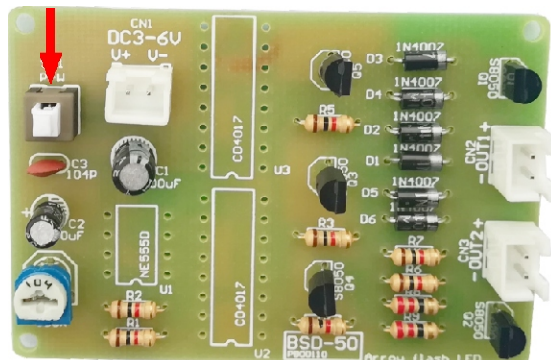
BSD-50 Thunderbolt Flash LED Kit assembly instructions

DeSi Electronic Products

Product number:PB00110

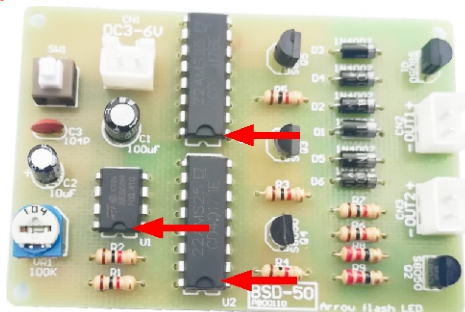
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Step 7.Install Power SW



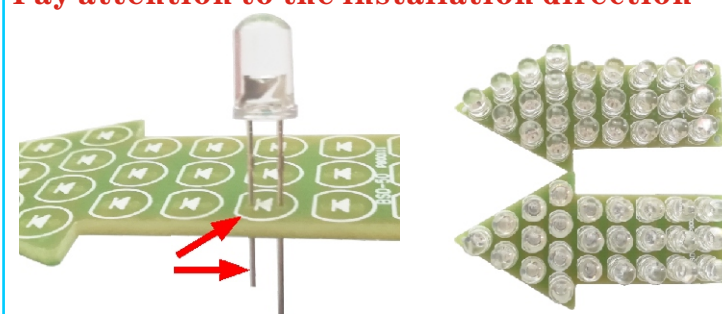
Step 8. Install integrated circuit

Pay attention to the orientation of the gap!



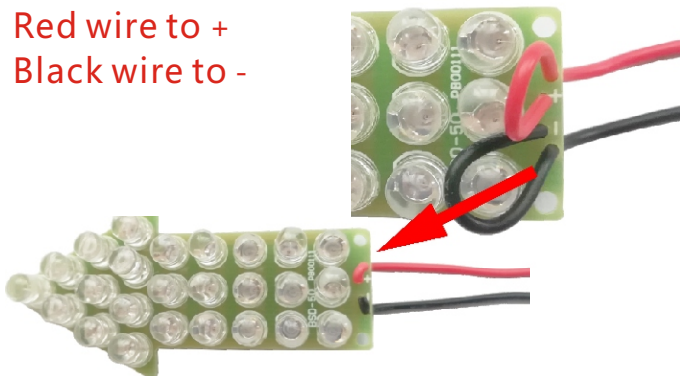
Step 9.Install LED

Pay attention to the installation direction



Step 10.Install Connecting wire

Red wire to +
Black wire to -



Interface description

CN1 is Power Supply

SW1 is Power SW

CN2 and CN3 is LED out

VR1 is Speed regulation

