

# User Manual of Game Machine

Dear valued customer, thank you for your purchasing of our game machine suit, please skim through this document before making the game machine suit. It is very simple to make the game machine, just pay attention to the welding direction of the components.

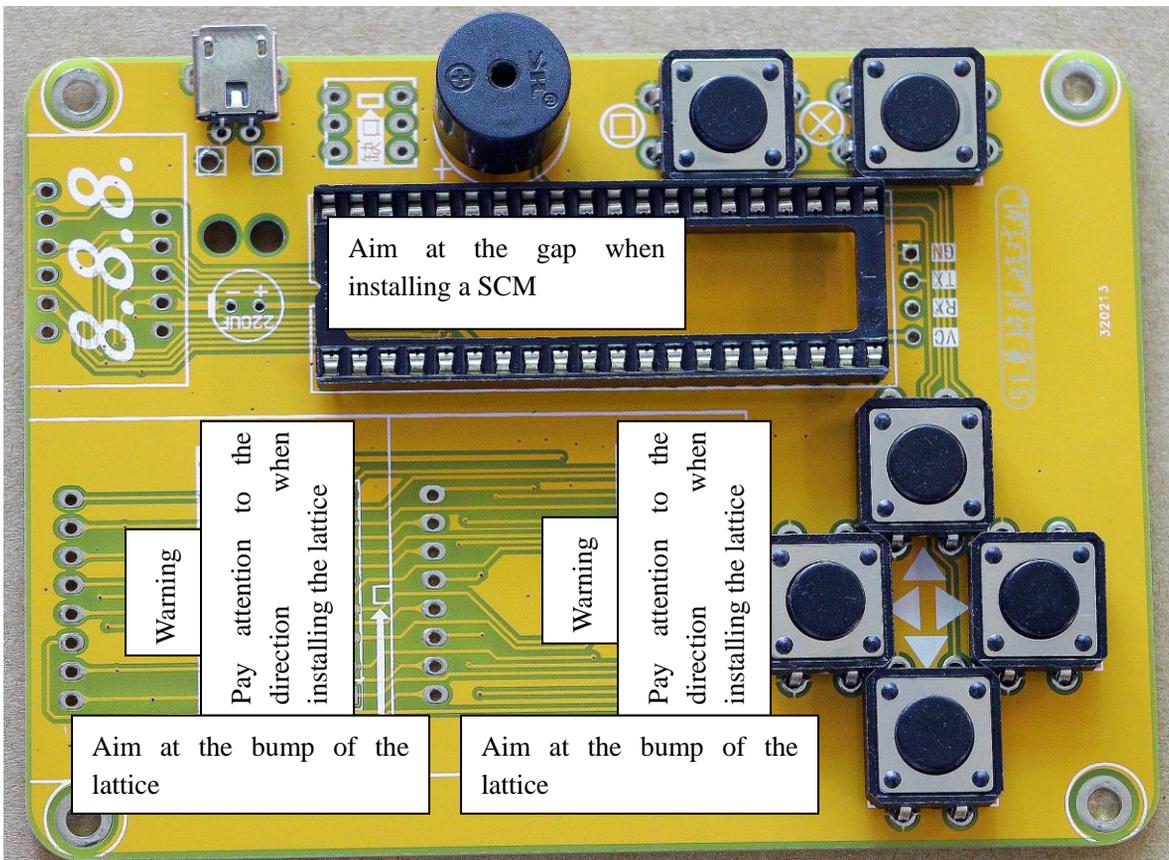
1. Check if the materials are complete by contrast to the electronic components list, some small components are easy to lose, so attention must be paid;
2. Carefully read the user's manual;
3. Weld the baseplate and test to see if it is normal.

Weld the PCB as the following list:

No.	Name	Specs.	Packaging	Tag No.	Qty	Remark 1	Remark 2
1	Buzzer	12mm5V passive	BEEP-12MM	B1	1	In no particular direction	
2	Electrolytic Capacitor	16V_220UF	RB_01_6.3X5	C2	1	Long pin is positive	
3	Micro USB	USB_2PIN	USB-micro	J1	1	Weld in accordance with the silk-screen	
4	White Switch	SWITCH_2X2	KTF_8MM0	S1	1	Weld in accordance with the silk-screen	
5	Touch Switch	12x12	12x12	S2,S3,S4,S5,S6,S7,S8	6	Weld in accordance with the silk-screen	
6	Lattice	3x8	0.26	L1,L2	2	Weld in accordance with the silk-screen	Welding Warning
7	Nixie Tube	8x8	30mm	SEG1	1	Weld in accordance with the silk-screen	
8	Copper Cylinder	M3*12+6 single pass			4	Fittings	
9	Bolt	M3x5			4	Fittings	
10	Power line	Micro USB line			1	Fittings	
11	PCB	CZL-YXJ01			1	Main part	
12	IC Base	40p	DIP-40-W		1	Weld in accordance with the silk-screen	
13	SCM	STC15F2K60S2		U1		Insert it into IC Base	

Firstly, weld the parts at the lower point, as is shown, there is no positive or negative difference, install them in accordance with the symbols.

1. Weld the IC base, be sure to align the direction, two pins at the diagonal positions must be fixed first, then adjust the IC base using the soldering iron, weld the buzzer afterwards, there is no positive and negative difference of the passive buzzer;



2. Weld the lattice module. There is a small block under the silk-screen on the PCB as well as a bump at the lattice edge, correspond the block with the bump.

**Warning: Don't install the lattice wrong, it is hard to uninstall the lattice if it's installed wrong, aim at the direction as is shown in the picture.**

3. Weld the switches, there is a small box on the silk-screen as well as at the bottom of the switch, box to box welding is enough.

4. Pay attention to the positive and negative when welding the capacitor, **the long pin is positive while the short pin is negative.**

5. All others electronic components are easy to weld, weld in accordance with the silk-screen.

