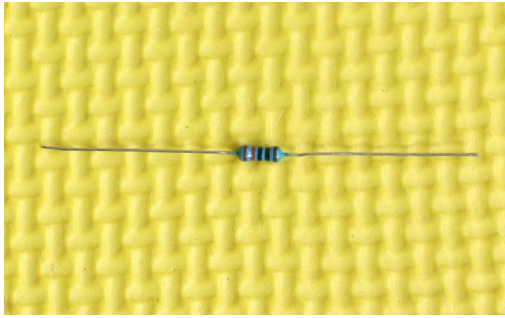
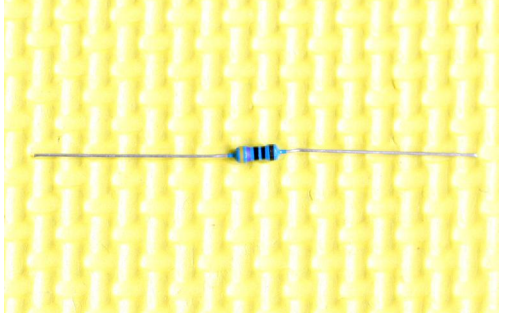
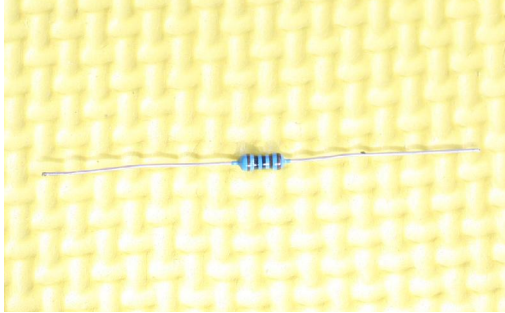

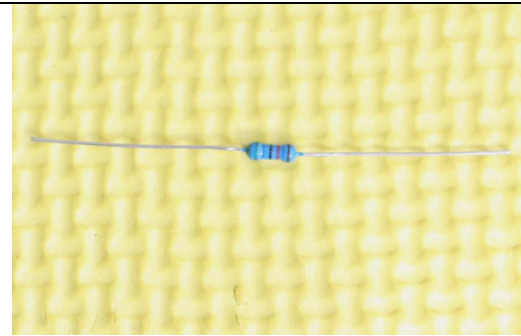
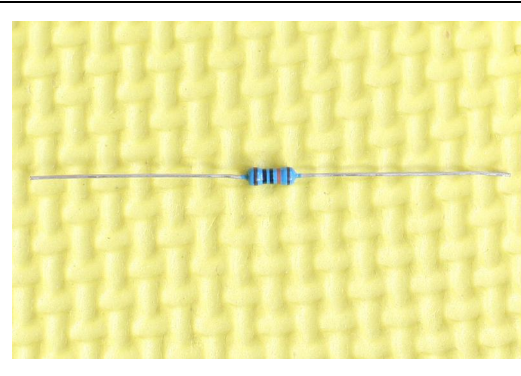
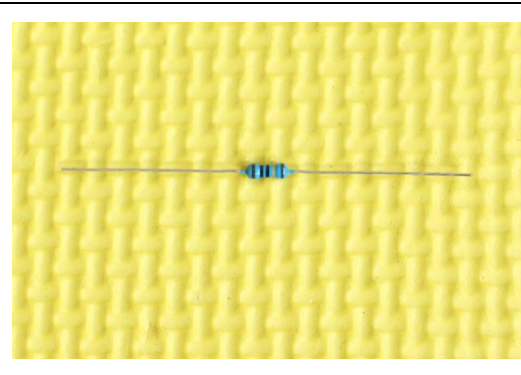
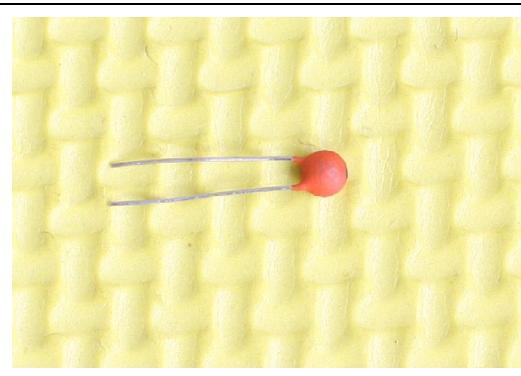
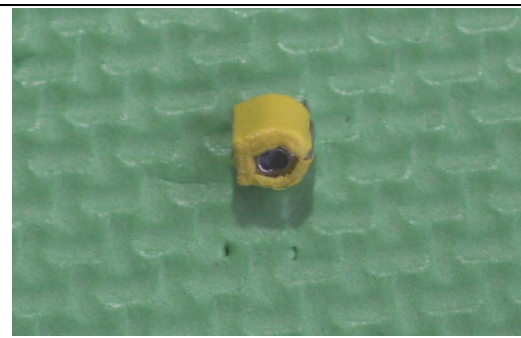
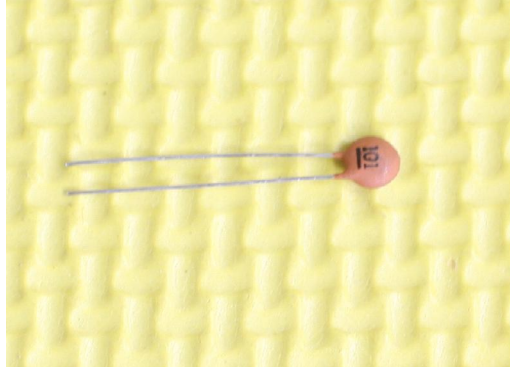
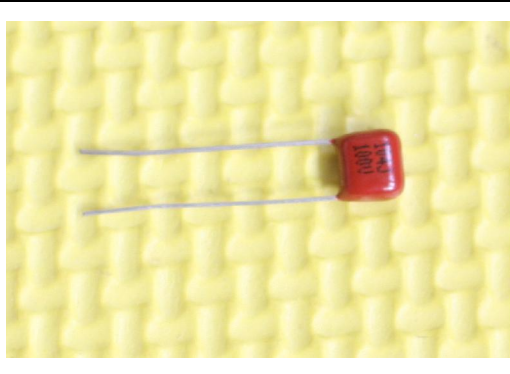
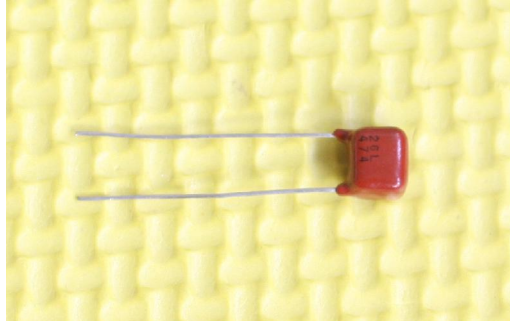
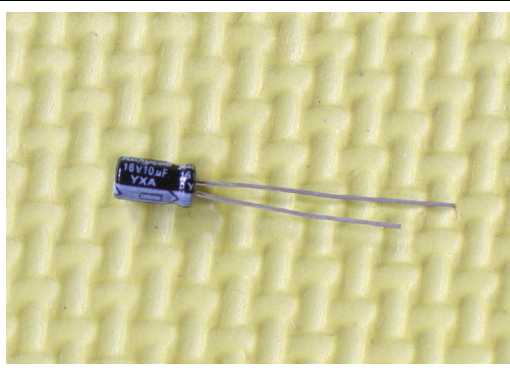
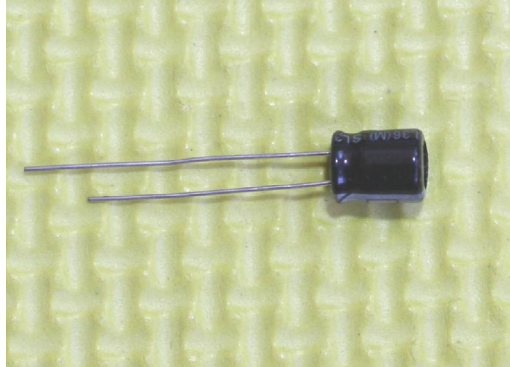


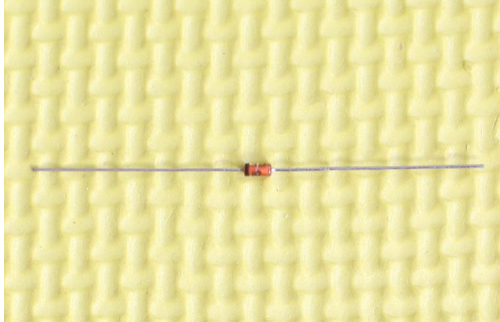
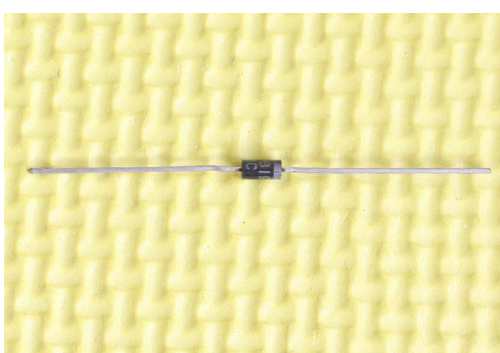
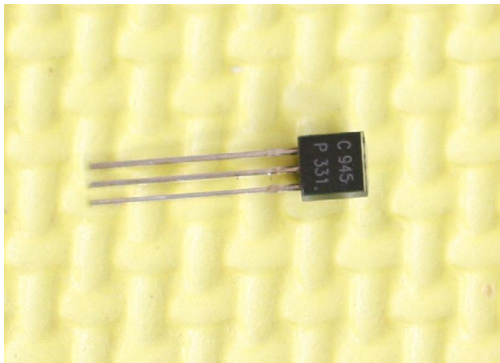
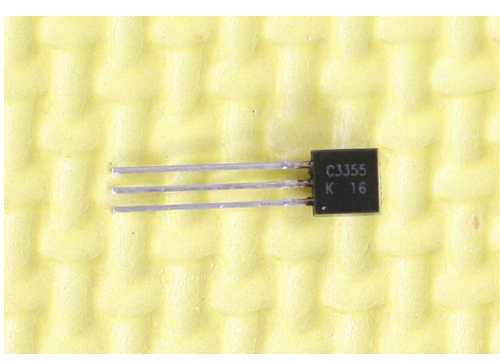
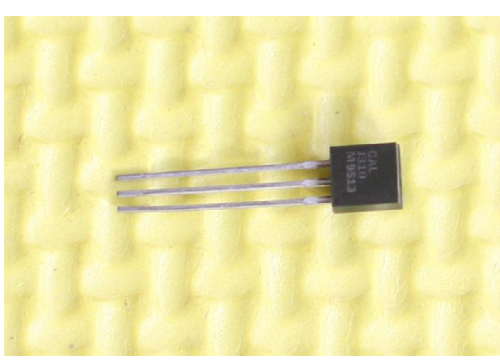
Bill of materials for 50MHz frequency counter KIT

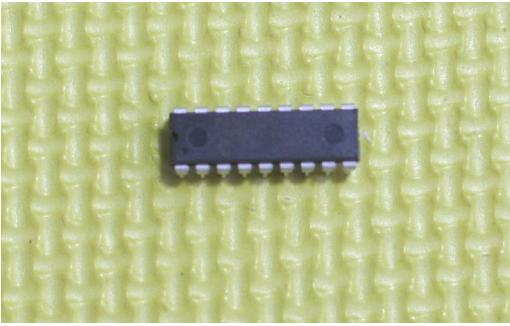
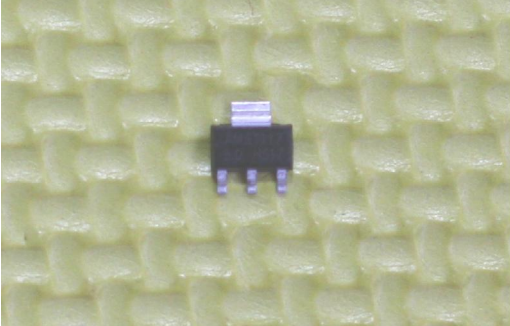
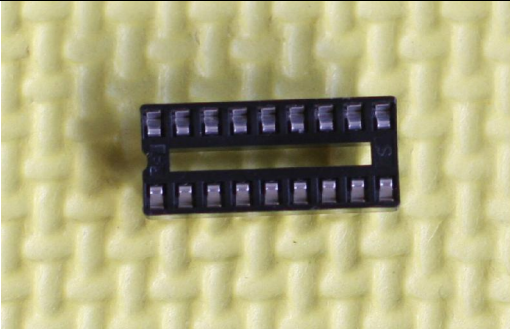
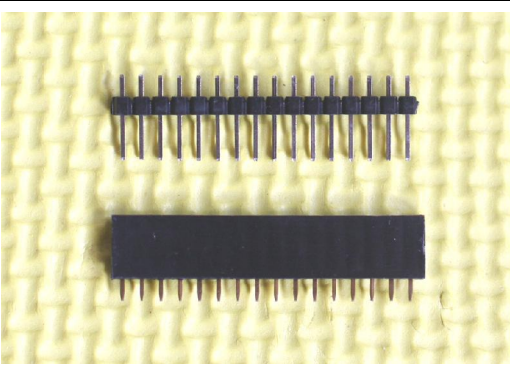
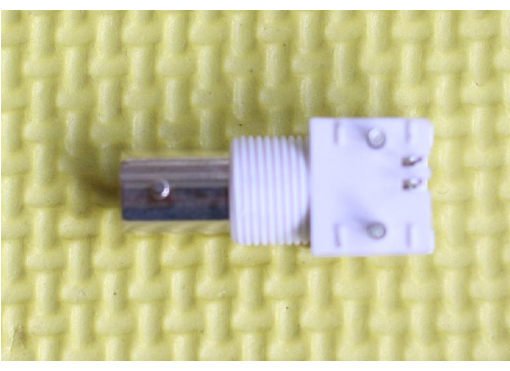
(from EZM Electronics studio)

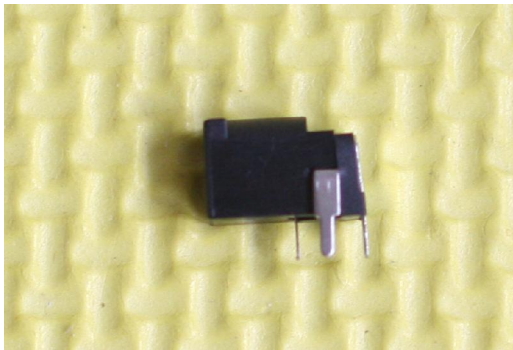
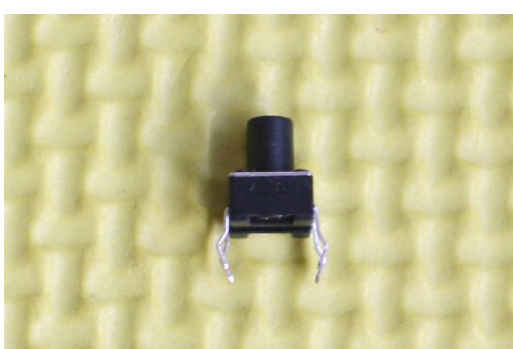
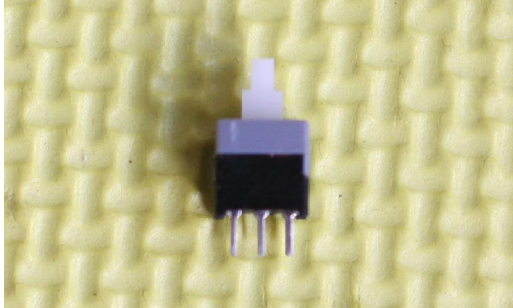
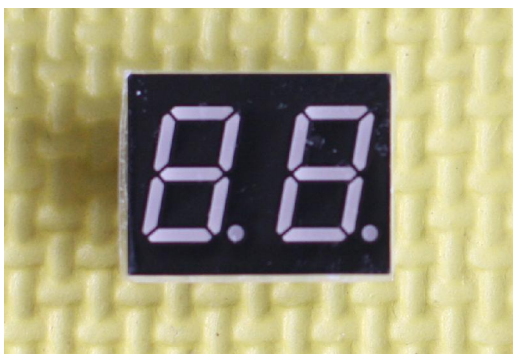
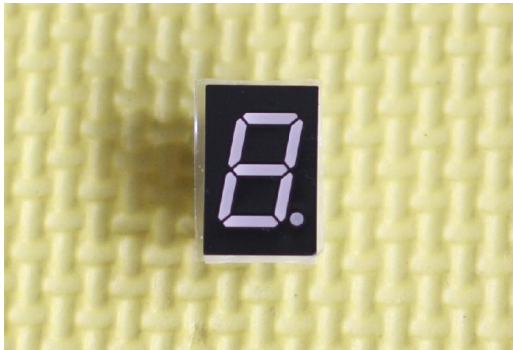
NO.	Name and parameters	Photo	Quantity	Note
1	Resistor 220R 1% 0.25W		1	R12
2	Resistor 470R 1% 0.25W		1	R14
3	Resistor 1k 1% 0.25W		8	R1-R8
4	Resistor 10k 1% 0.25W		2	R9,R15

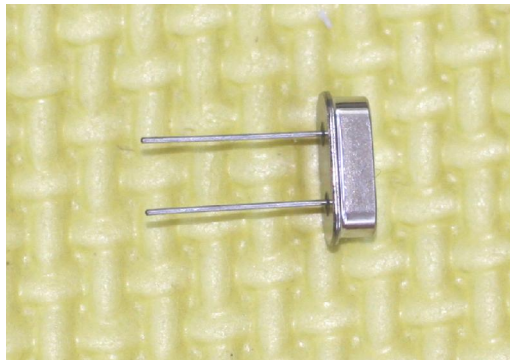
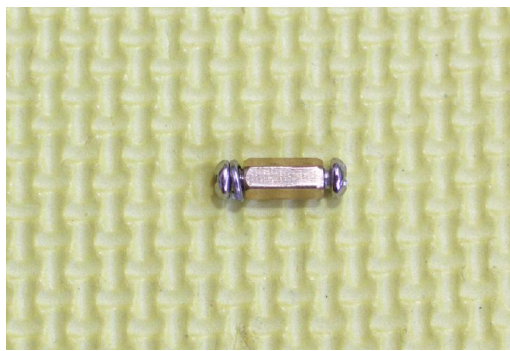
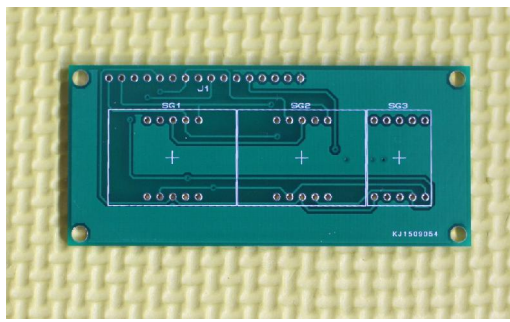
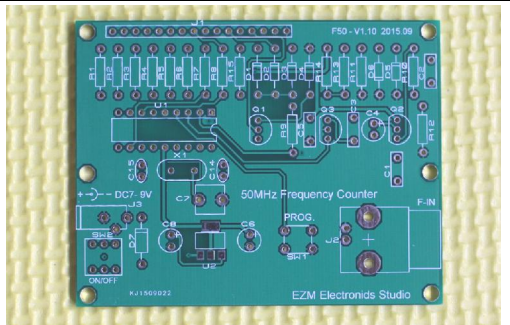
5	Resistor 56k 1% 0.25W * According to the different batches of C3355(Q3), the resistance may change		1	R13
6	Resistor 100k 1% 0.25W		1	R10
7	Resistor 1M 1% 0.25W		1	R11
8	Ceramic capacitor 22p		2	C14,C15
9	Variable capacitor 6-40p		1	C7

10	Ceramic capacitor 100p		1	C2
11	Polypropylene capacitor 104(100n)		2	C3,C5
12	Polypropylene capacitor 474(470n)		1	C1
13	Electrolytic capacitor 10u16V		2	C6,C8
14	Electrolytic capacitor 47u16V		1	C4

15	Diode 1N4148		6	D1-D6
16	Diode 1N5819		1	D7
17	Transistor NPN C945(2SC945)		1	Q1
18	Transistor NPN C3355(2SC3355)		1	Q3
19	J-FET J310		1	Q2

20	Microprocessor PIC16F628A (Programmed)		1	U1
21	Voltage regulator AS1117-5V		1	U2
22	18 pin IC socket		1	U1
23	16Pin SIL Socket & header		1	J1
24	BNC Socket		1	J2

25	DC adapter socket		1	J3
26	Push button switch		1	SW1
27	Push button switch		1	SW2
28	Red 2digit Common Cathode 7-segment display		2	SG1-SG2
29	Red 1digit Common Cathode 7-segment display		1	SG3

30	Crystal 20MHZ		1	X1
31	copper pillar+screw+spring washer		2	
32	Display PCB		1	KJ1509054
33	Main PCB		1	KJ1509022