Drawdio

Elektronik

Löten

Musik

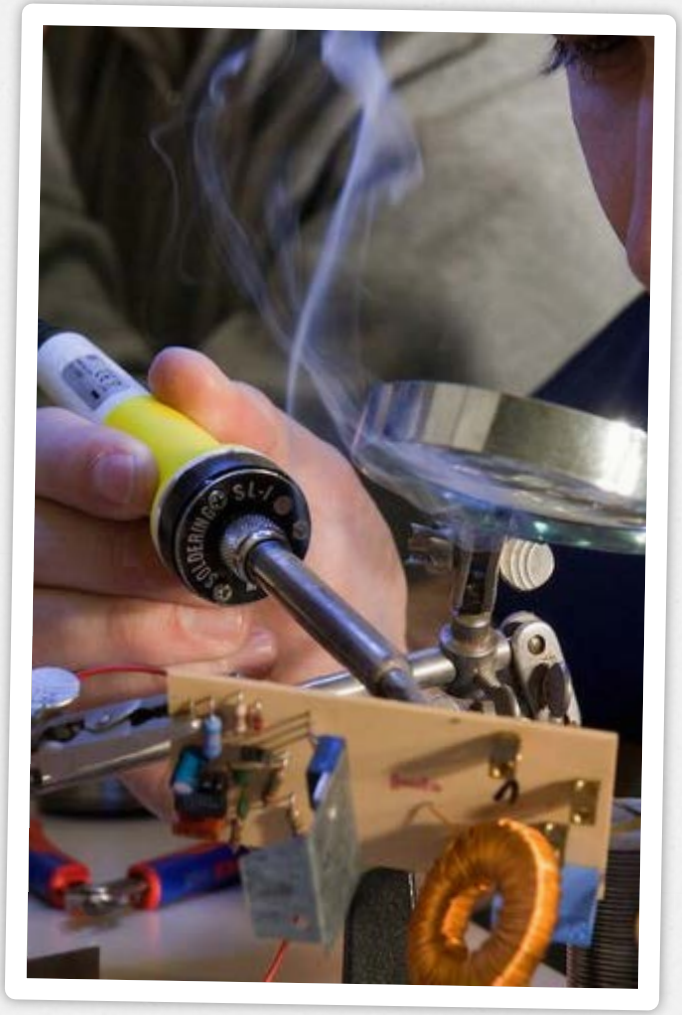
erstellt von Irene Posch

Elektronik

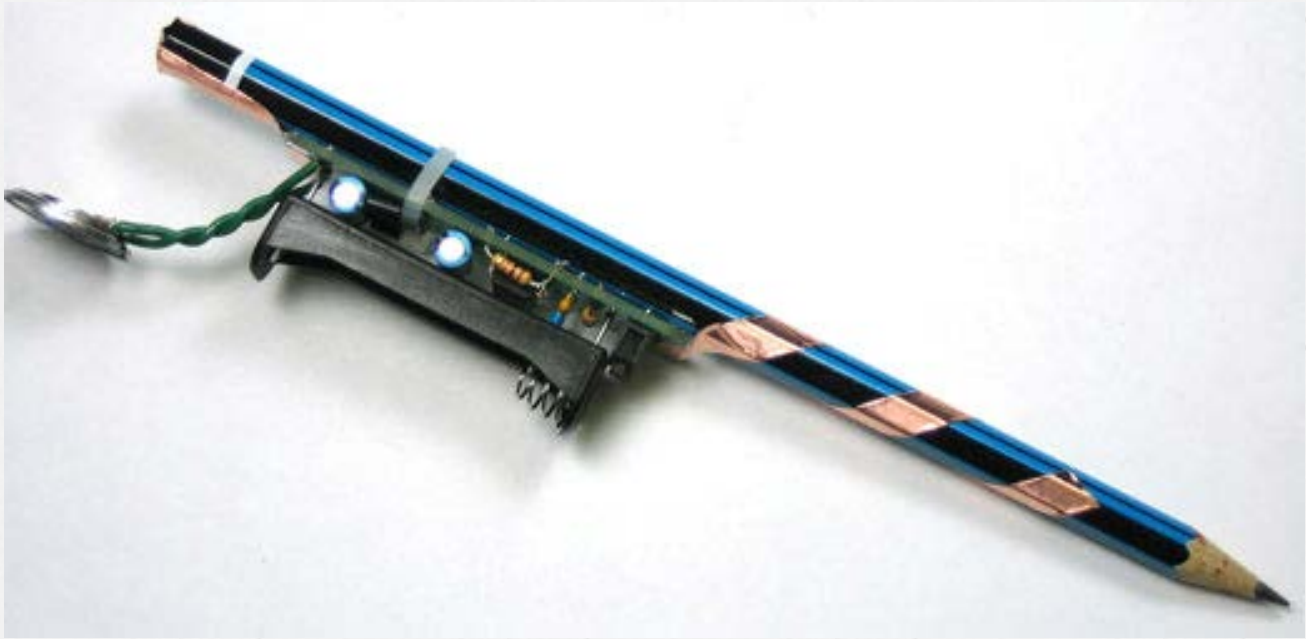
Platinen ätzen

Löten

Music machen!



Drawdio



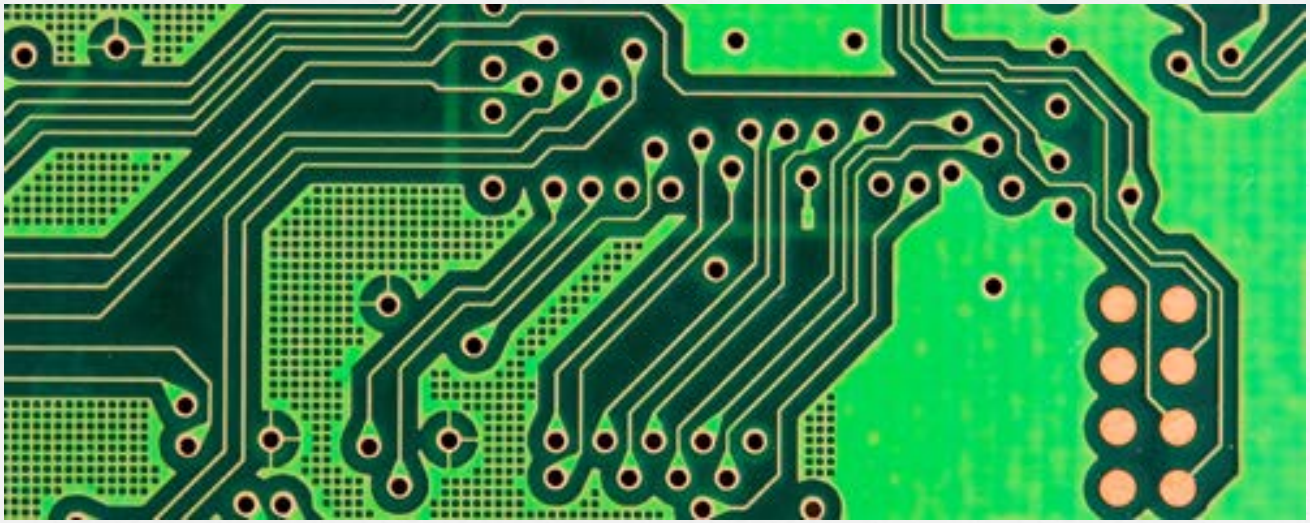
http://www.youtube.com/watch?v=PV_w38ldZaE

Schritte bis dahin:

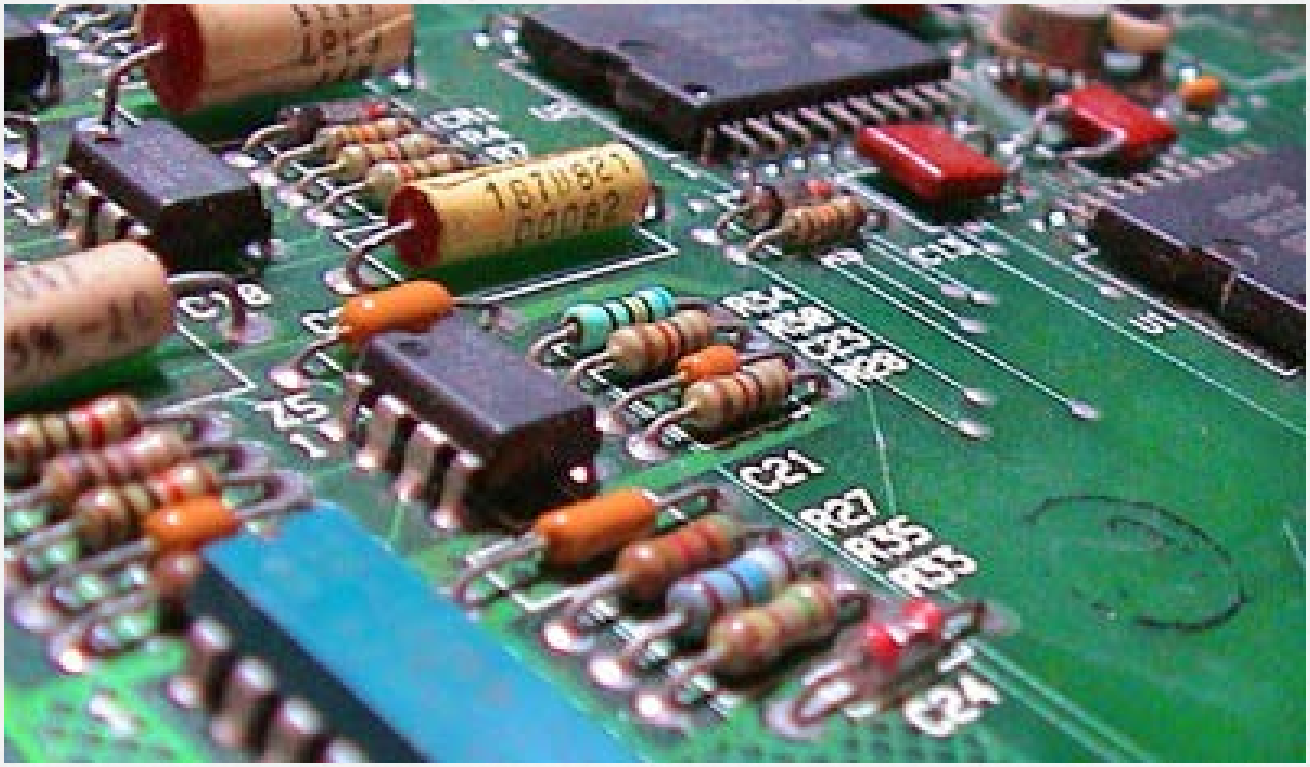
- Platine ätzen
- Löcher bohren
- Elektronik anlöten
- Testen
- Musik machen!

Leiterplatte

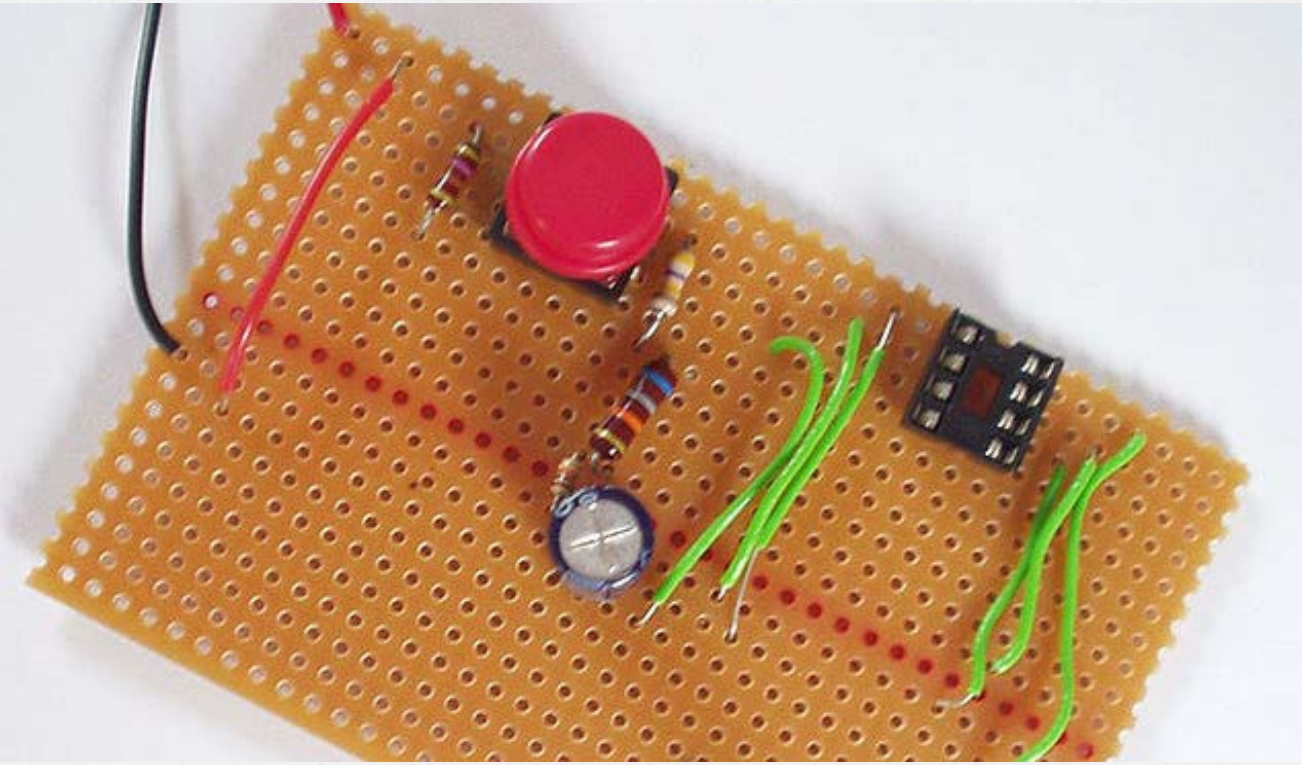
- Platine
- Träger für elektronische Bauteile



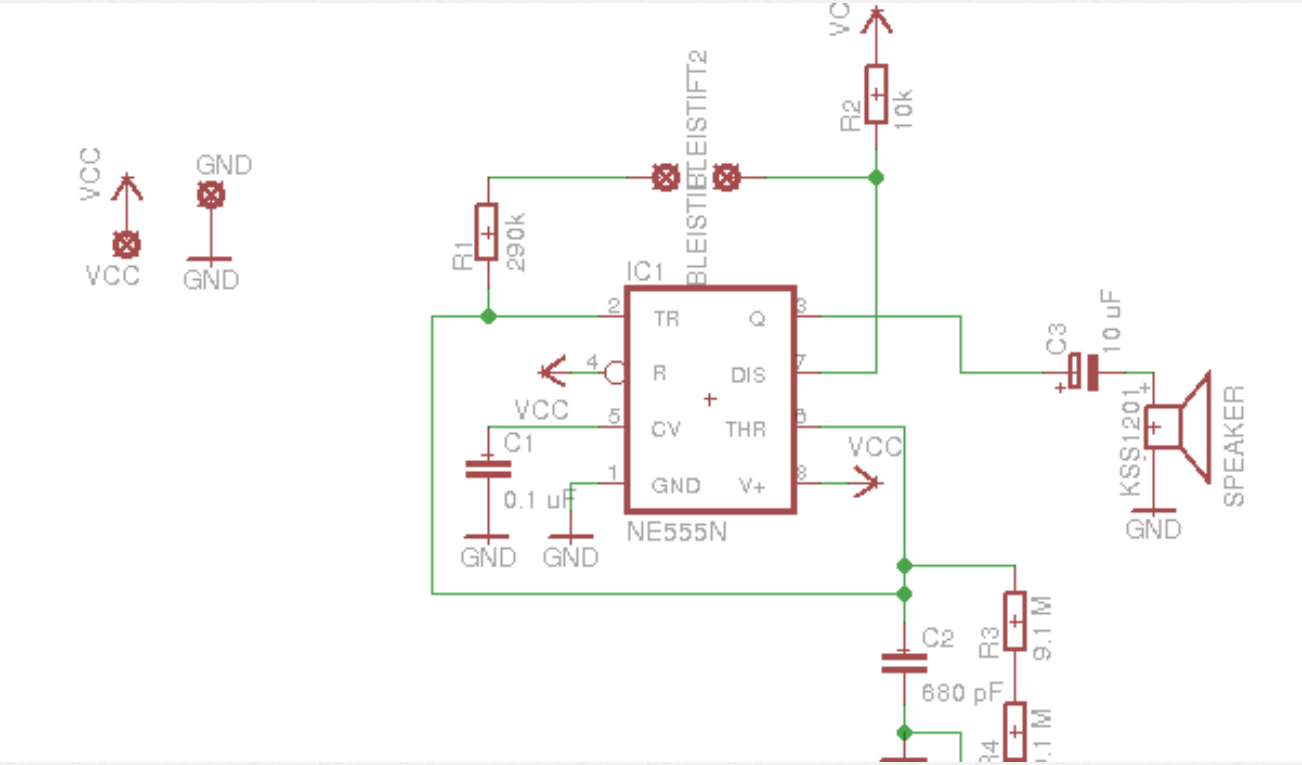
Leiterplatte



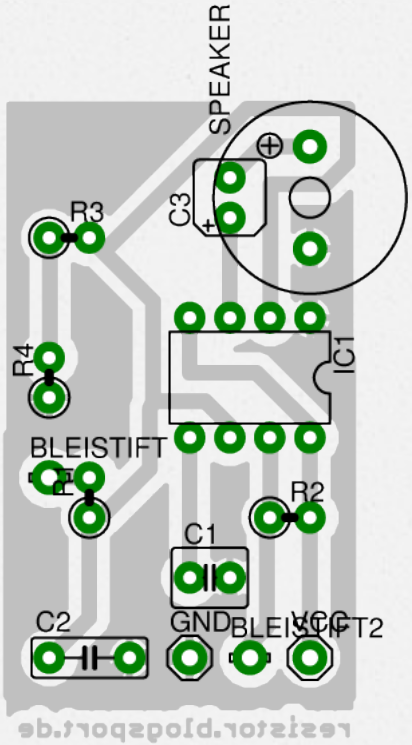
Lochrasterplatine



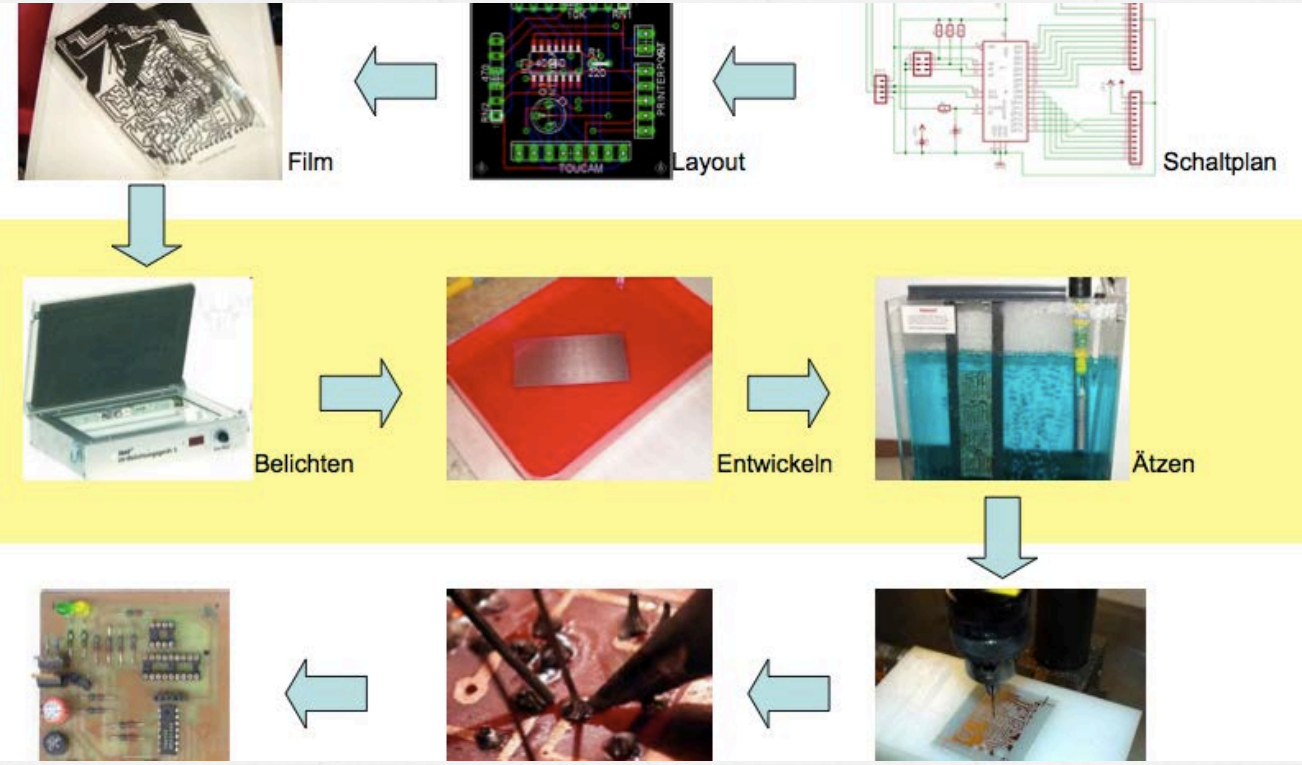
Schaltplan


VCC
VCC
GND
GND
R1
290k
BLEISTIFT2
BLEISTIFT2
IC1
TR
Q
R
DIS
CV
THR
GND
V+
NE555N
VCC
C1
0.1 uF
GND
GND
VCC
R2
10k
VCC
C3
10 uF
KSS1201
SPEAKER
GND
C2
680 pF
R3
9.1 M

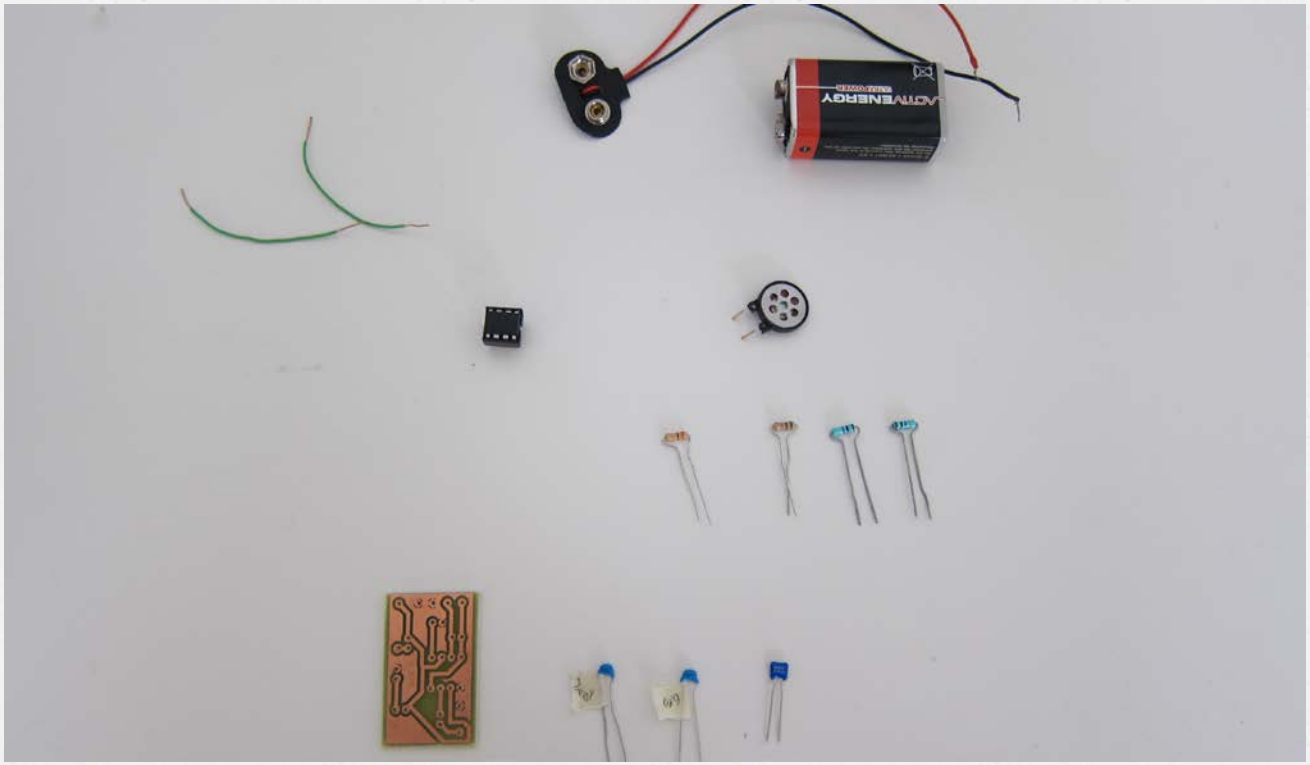
Layout


R3
R4
BLEISTIFT
C2
C3
SPEAKER
IC1
R1
C1
GND
BLEISTIFT2
VCC
R2
registor.blogspot.de

Belichten, Entwickeln, Ätzen



Bauteile

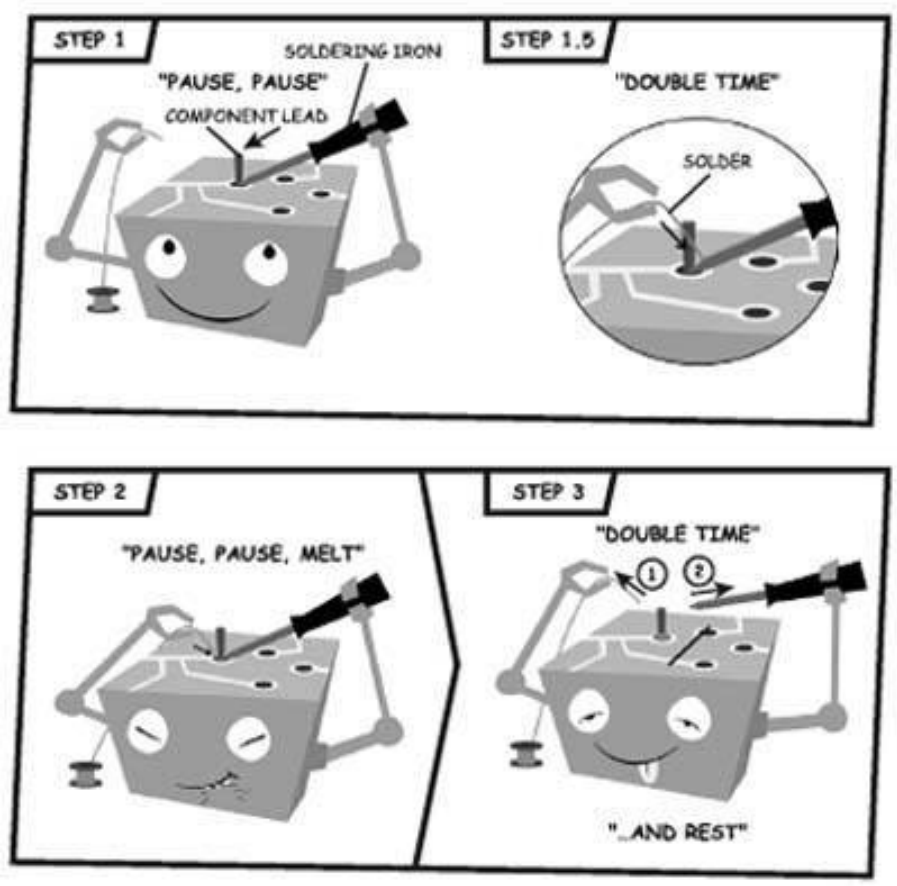


Löten

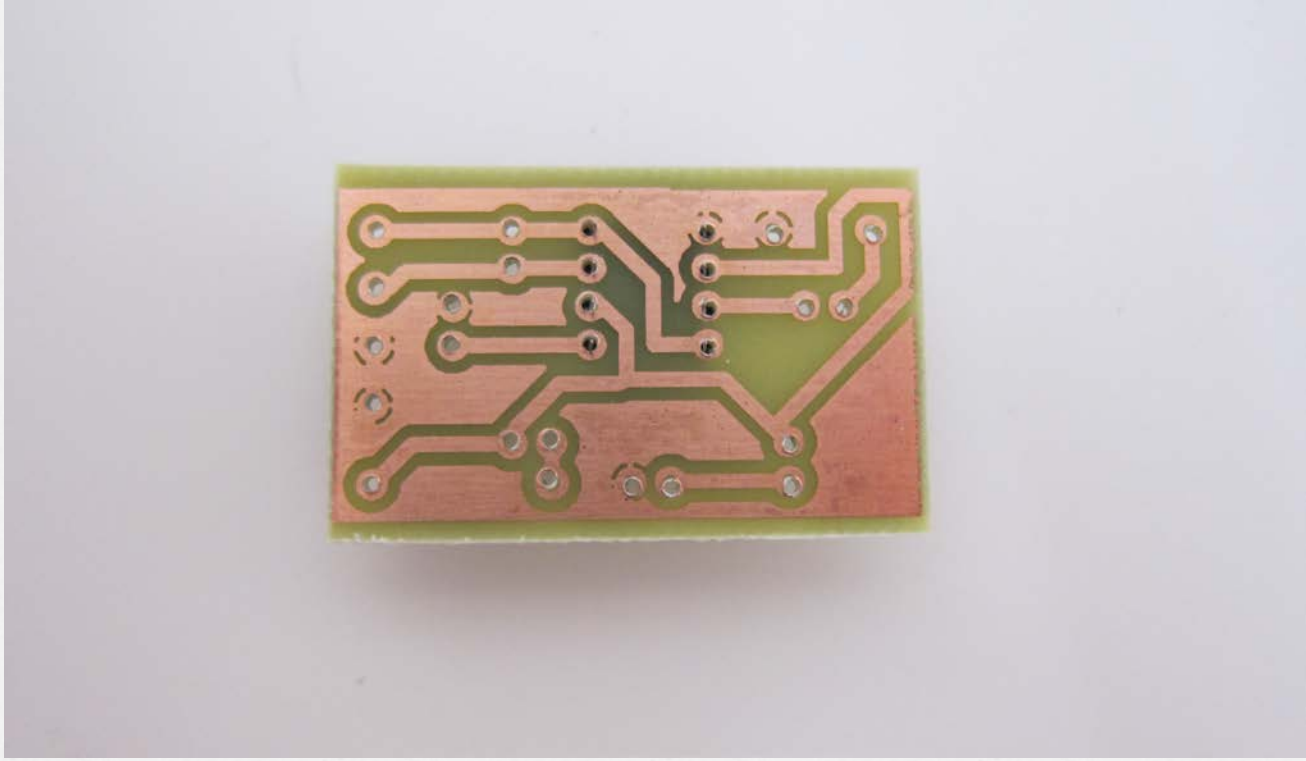
Lötkolben

Lötzinn

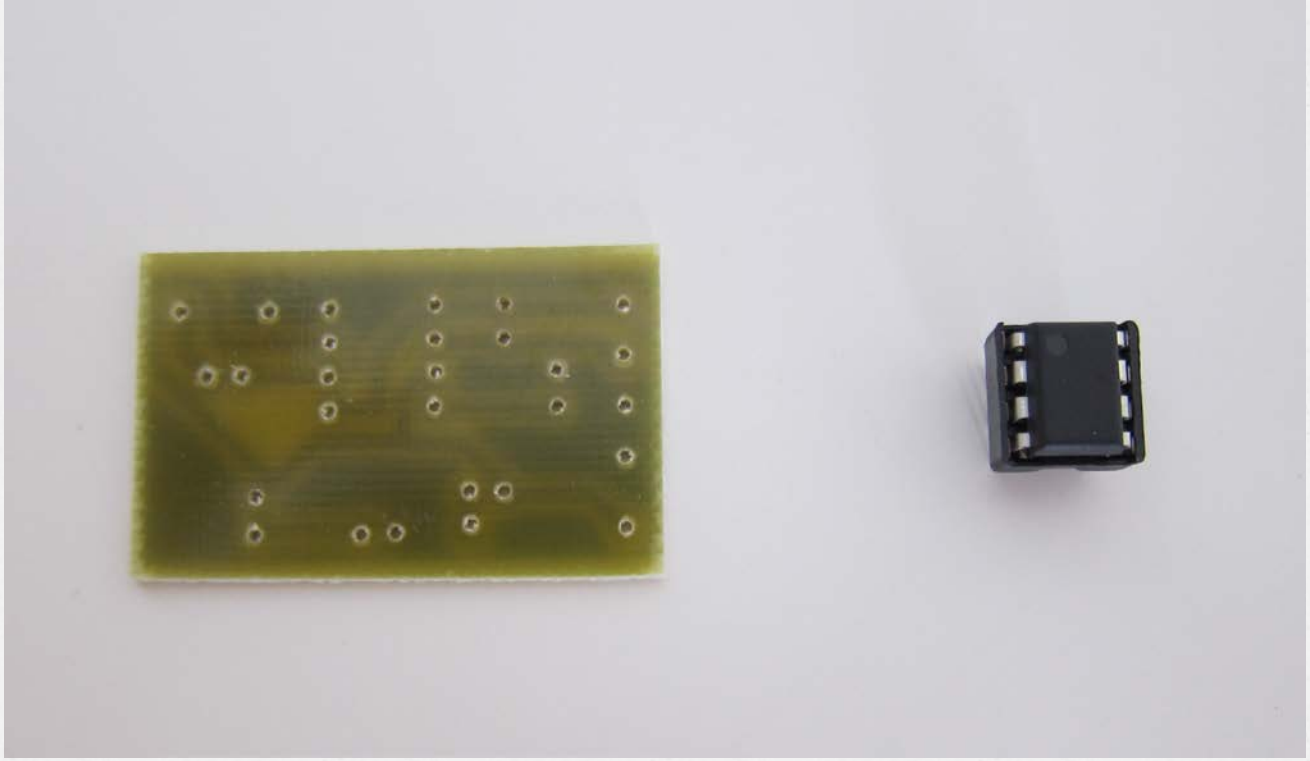
Löten


STEP 1
SOLDERING IRON
"PAUSE, PAUSE"
COMPONENT LEAD
STEP 1.5
"DOUBLE TIME"
SOLDER
STEP 2
"PAUSE, PAUSE, MELT"
STEP 3
"DOUBLE TIME"
1
2
"...AND REST"

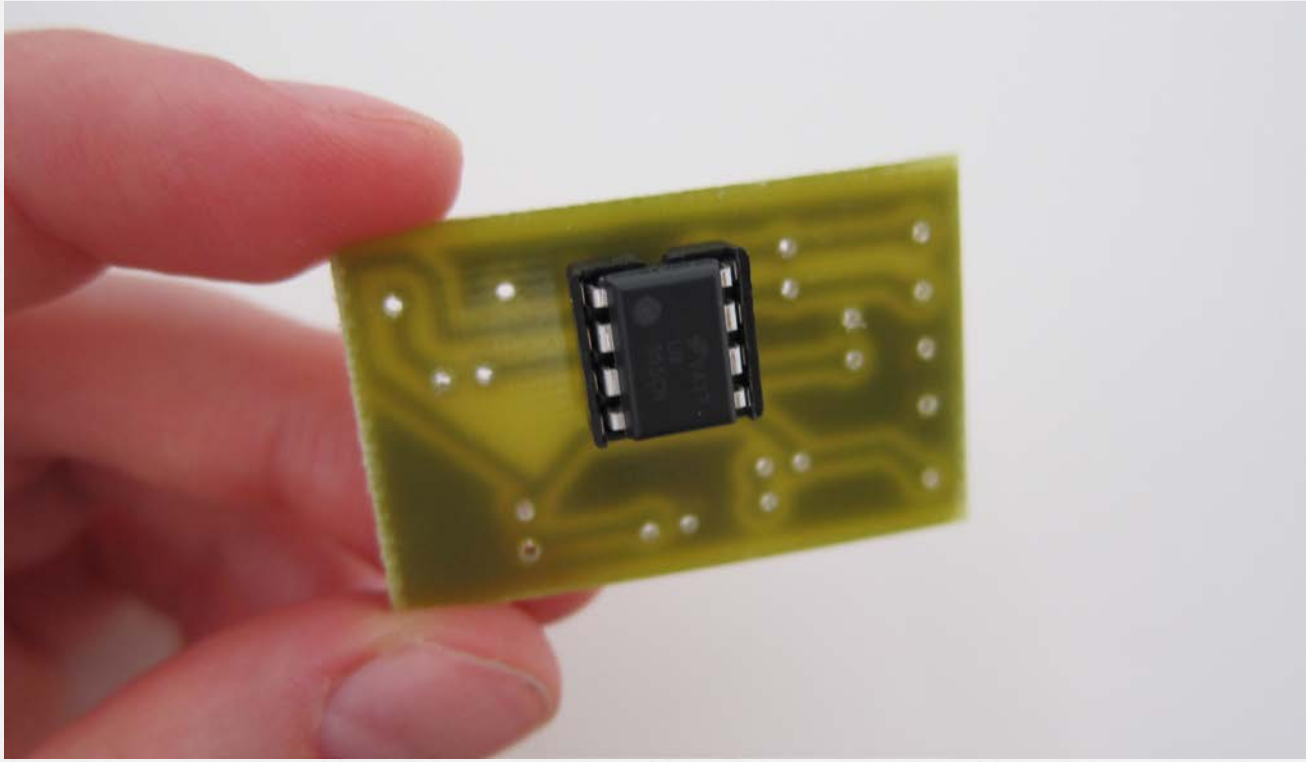
Platine



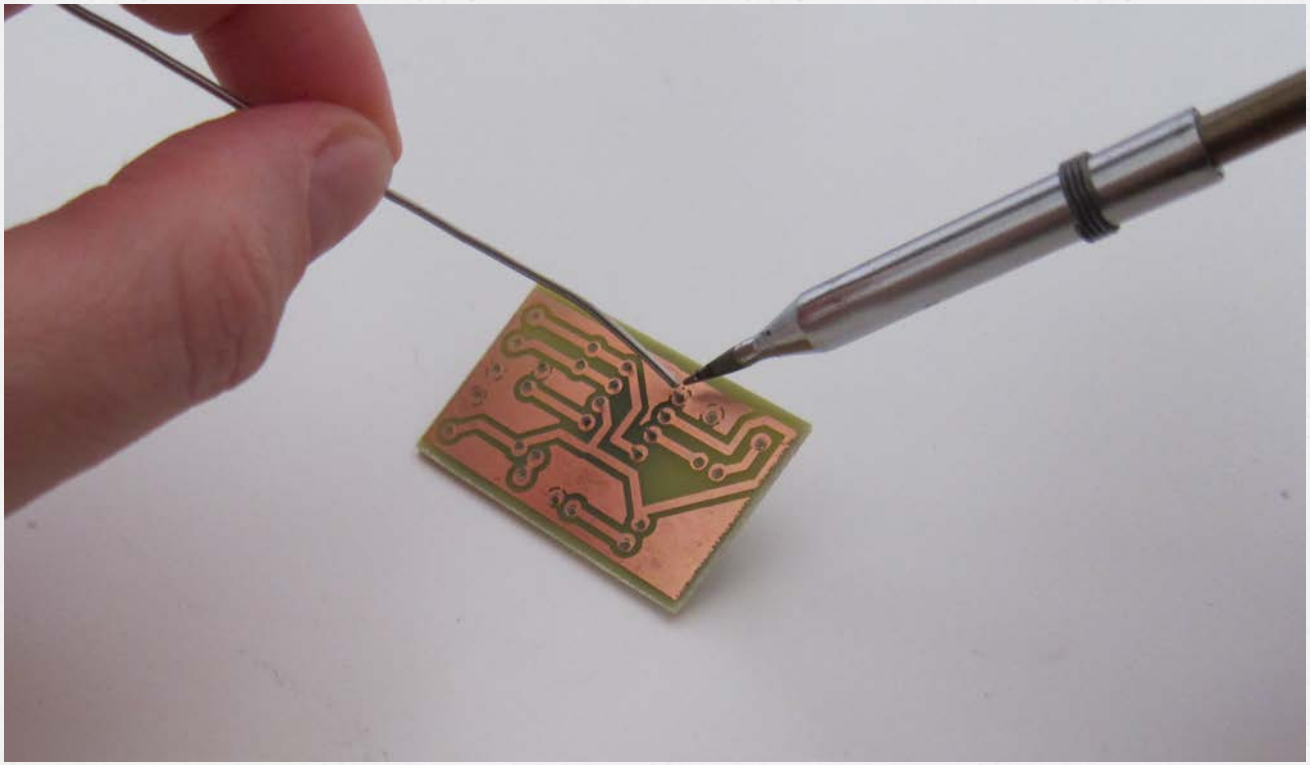
Zusammenbauen



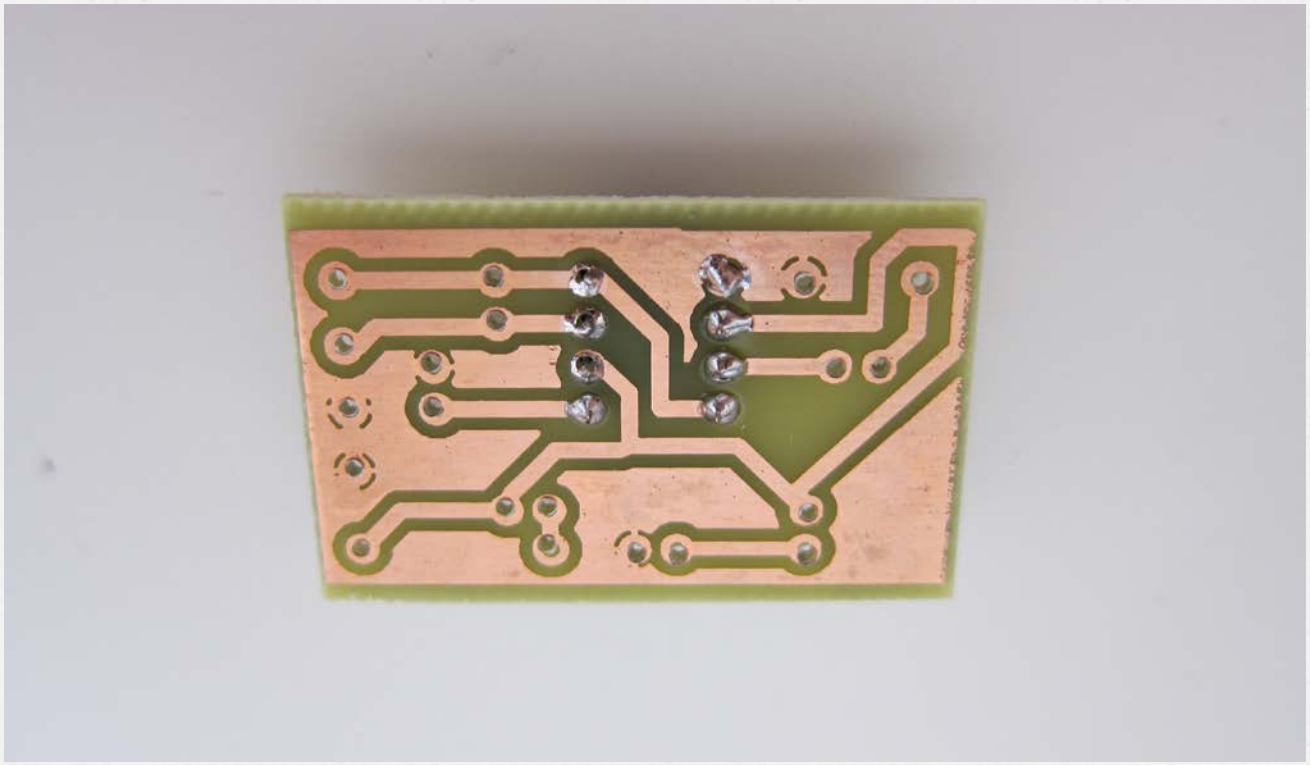
Chip: 555 Timer



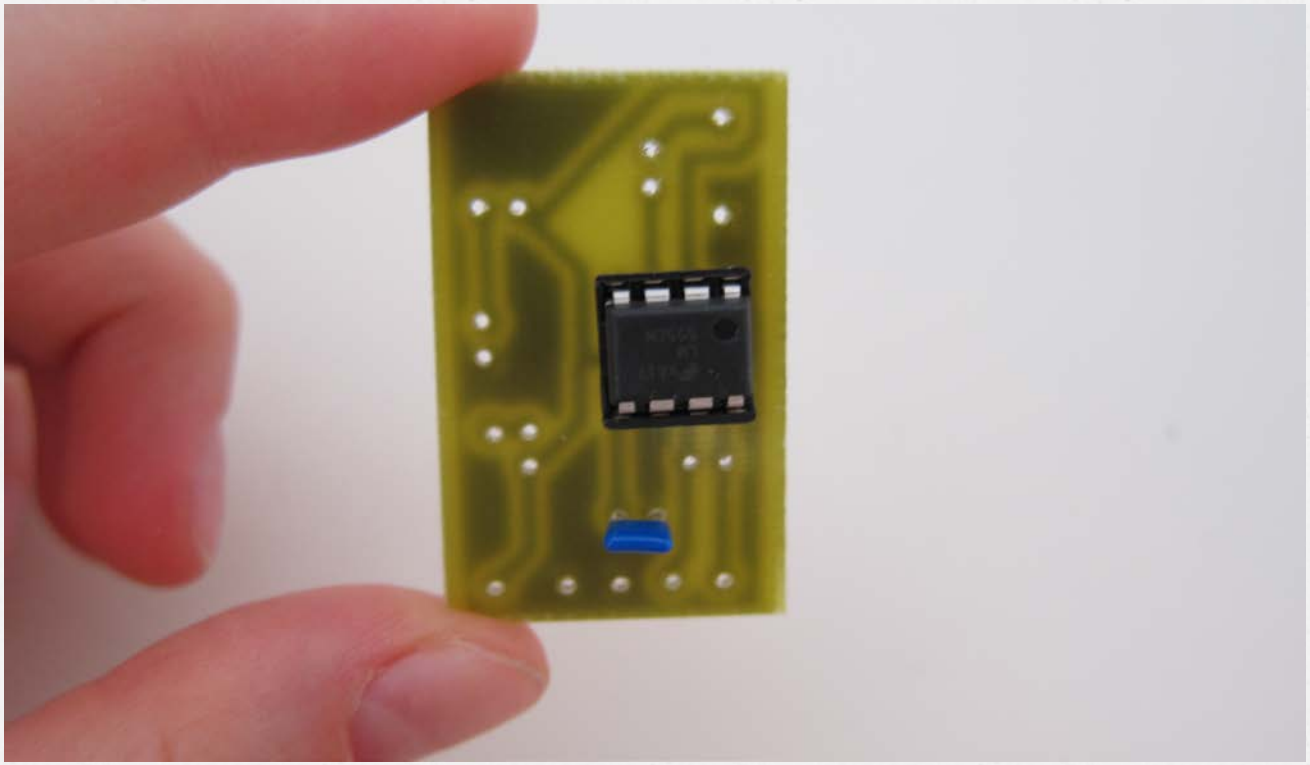
Löten



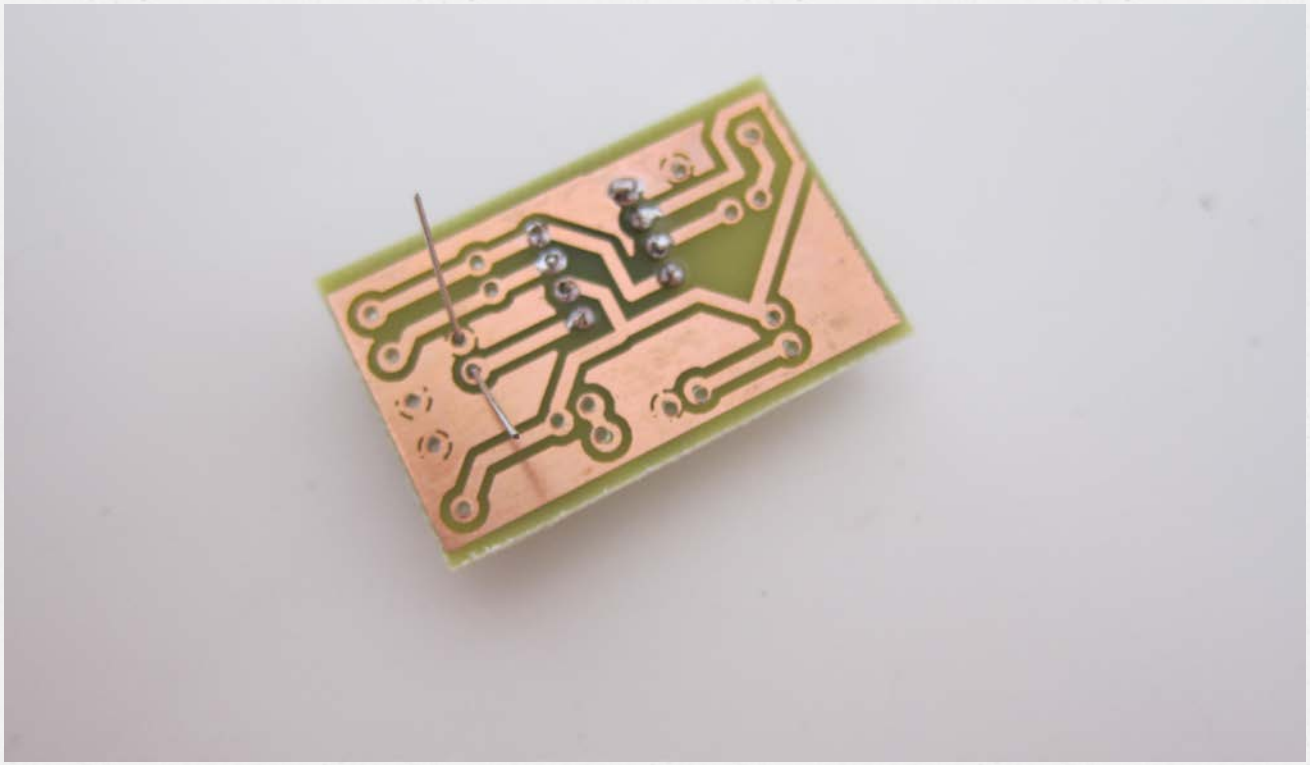
Chip



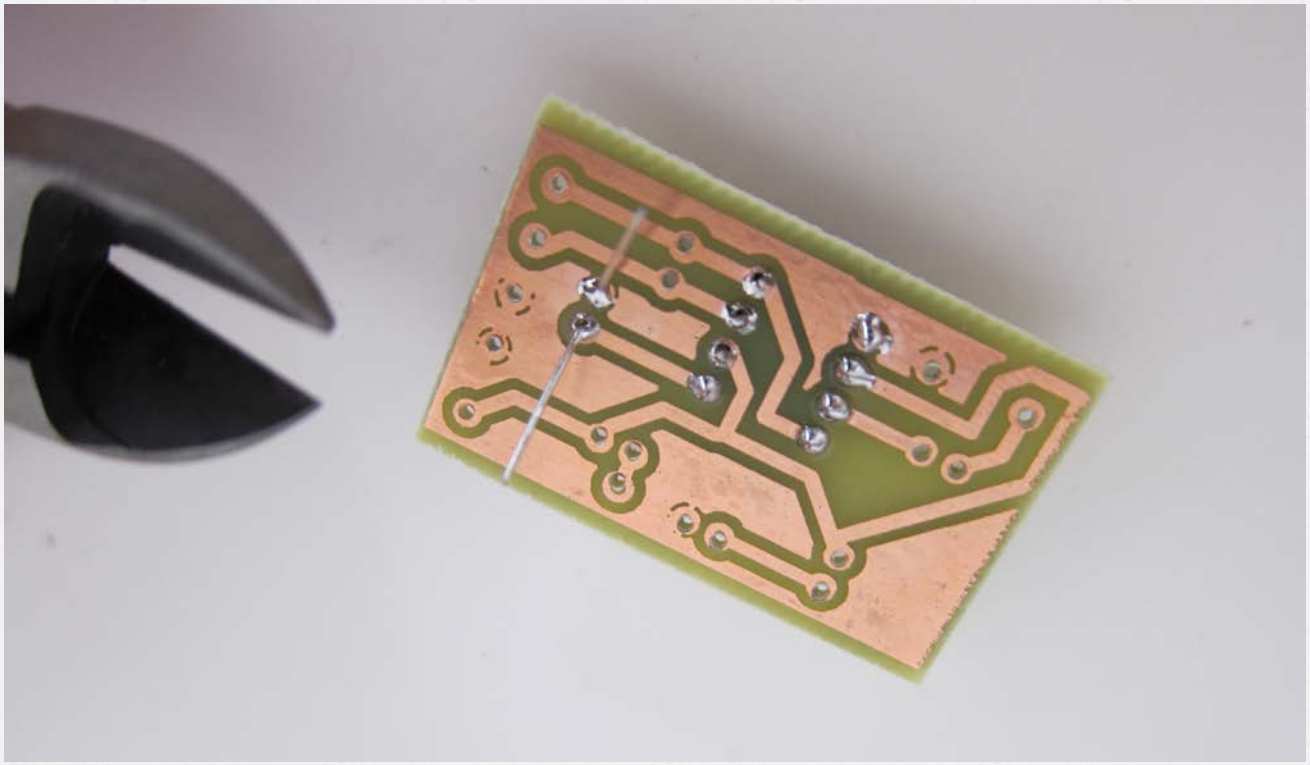
C1: 0,1 uF



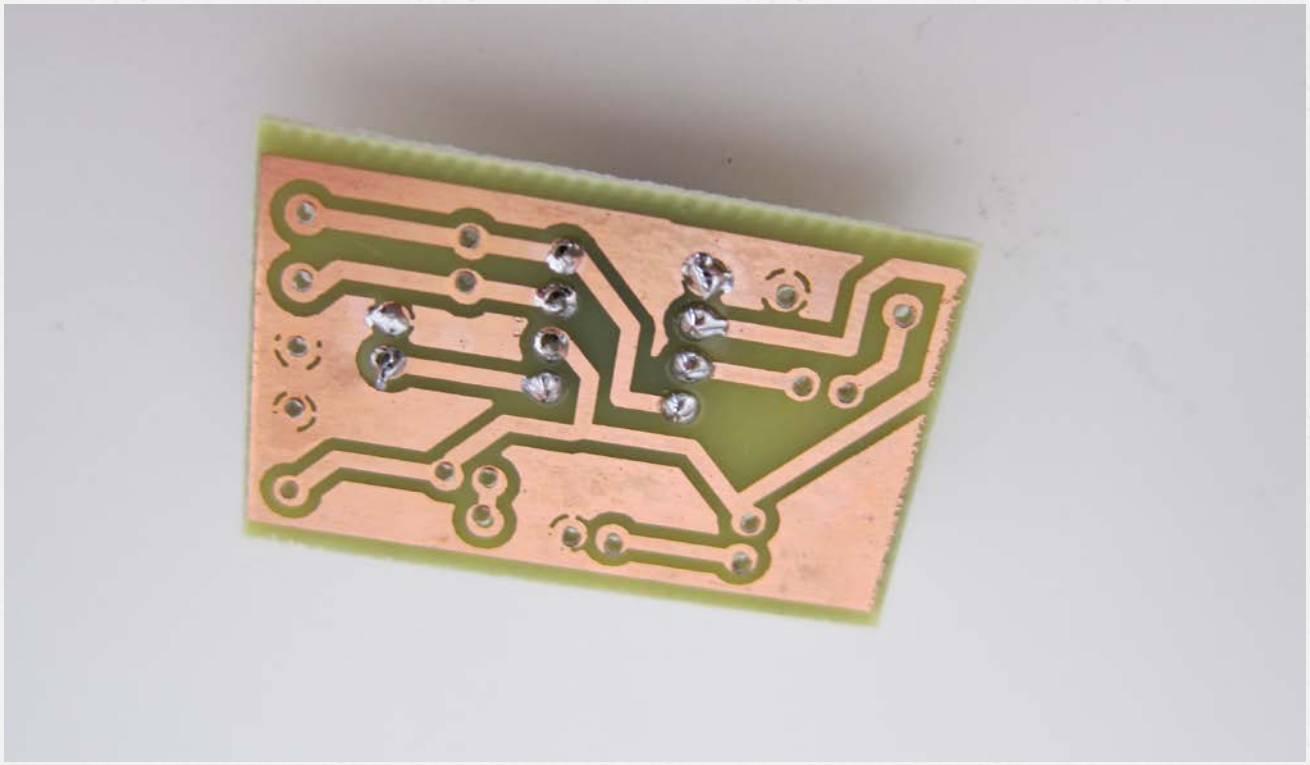
Beine aufbiegen



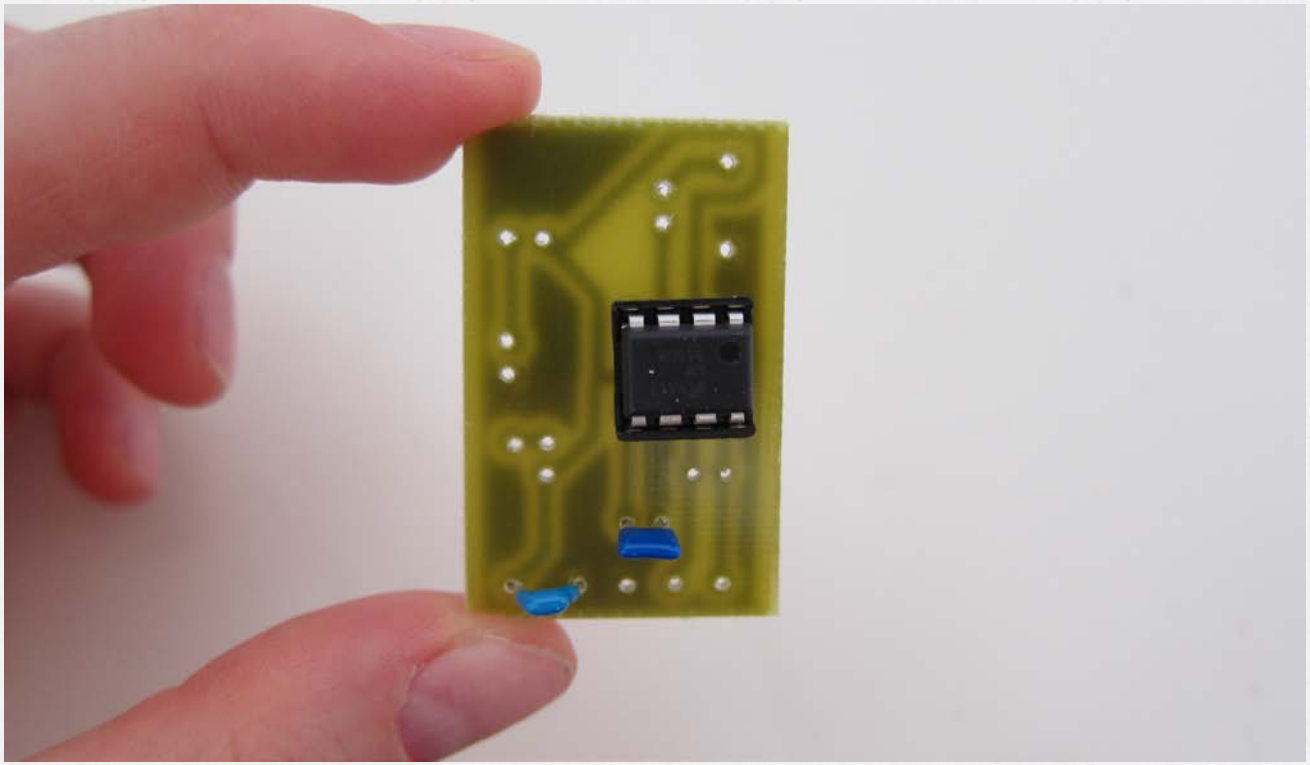
Beine abzwicken



Beine abzwicken



C2: 680 pF



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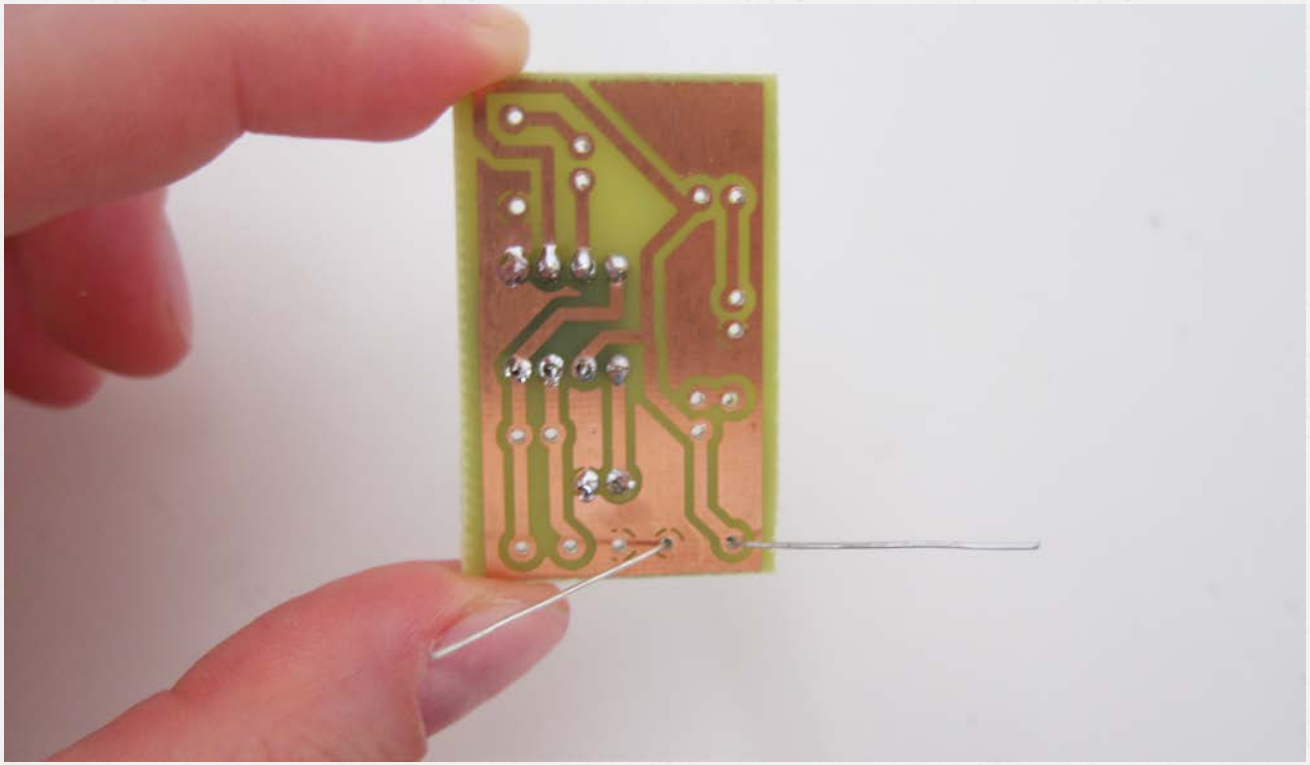
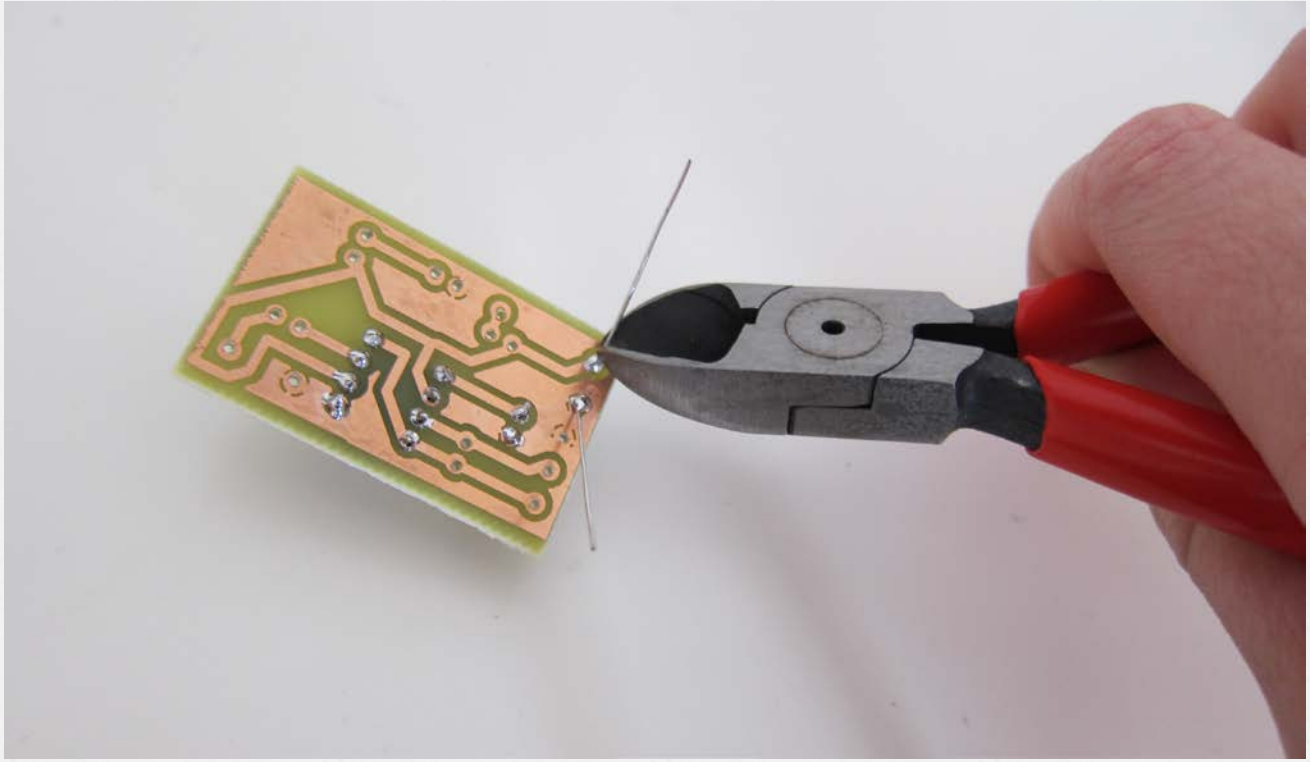
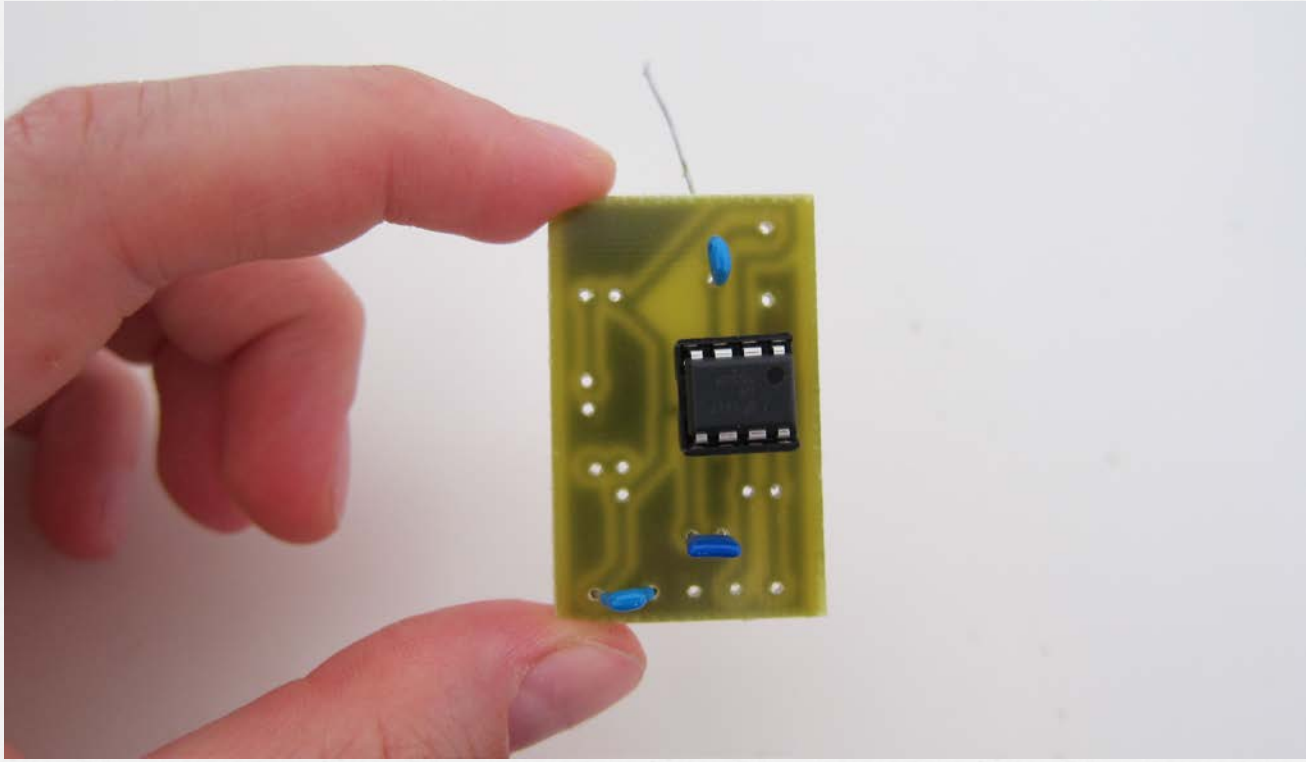


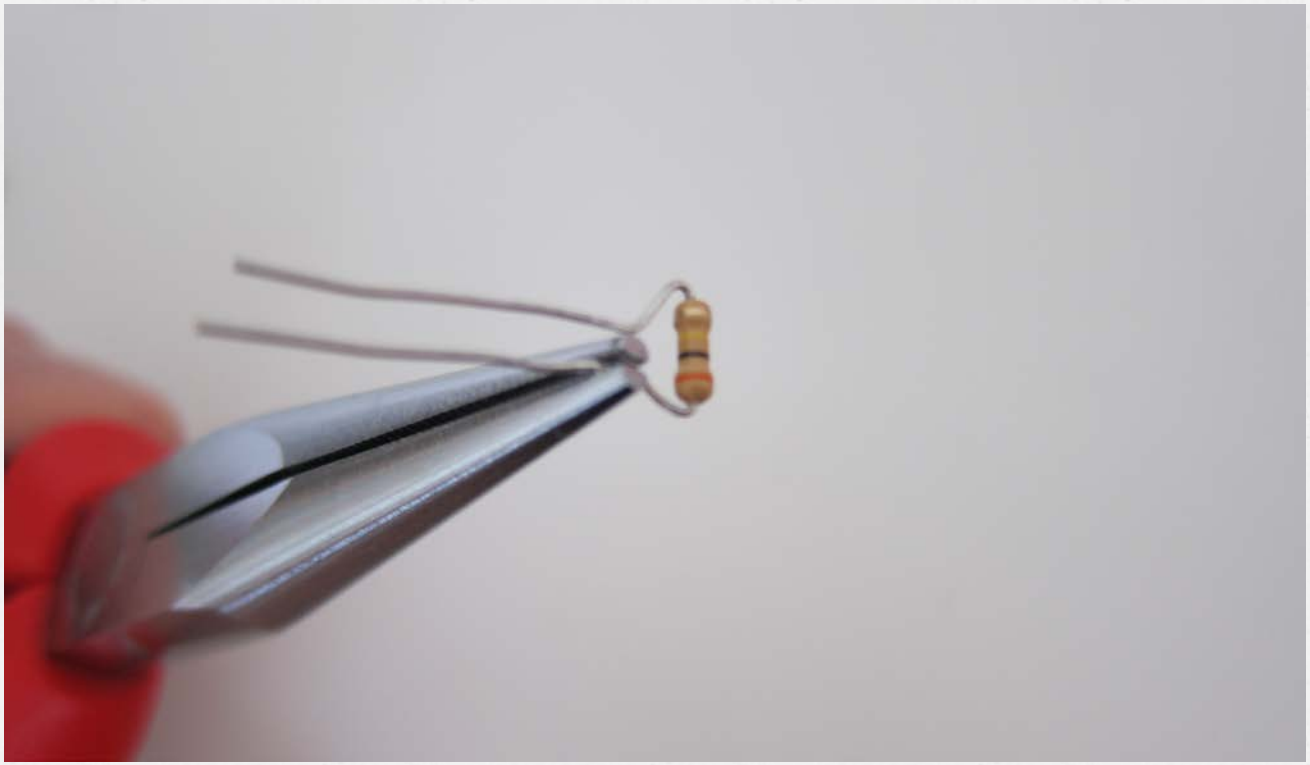
C2: 680 pF



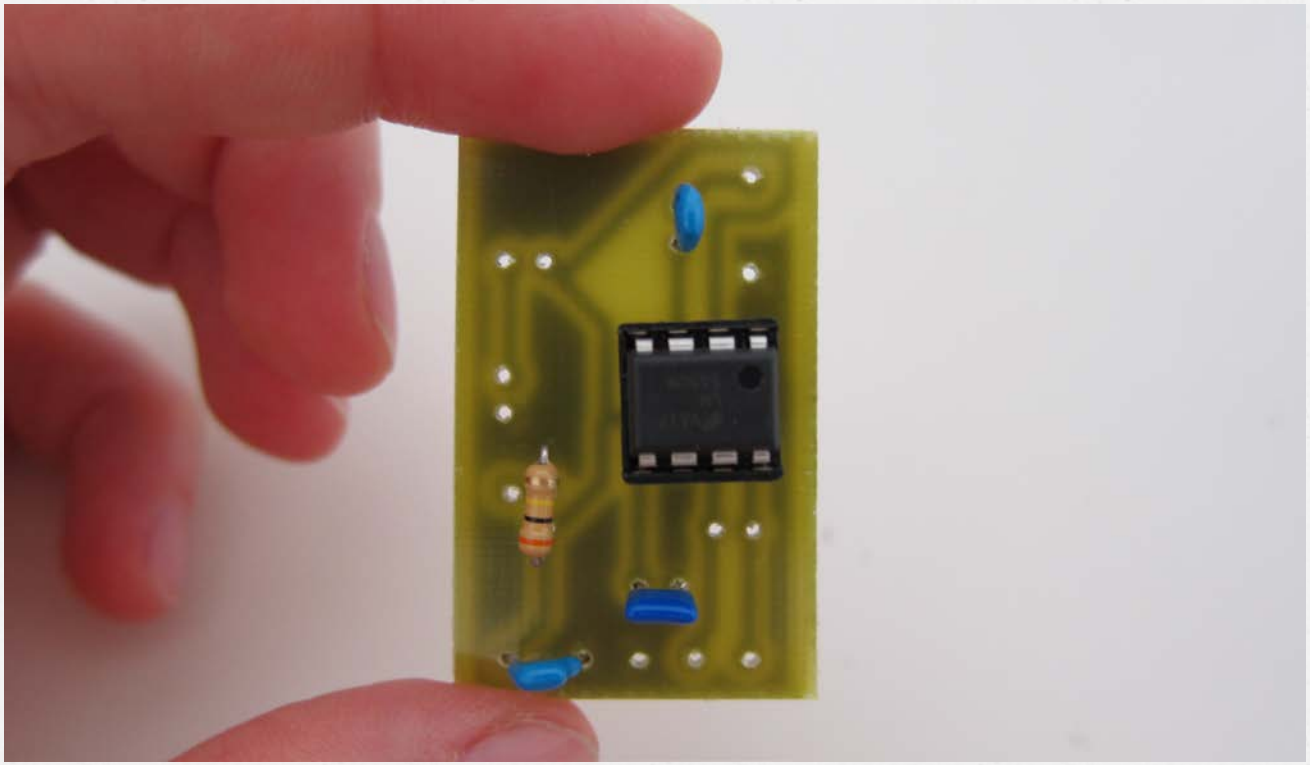
C3: 10 uF



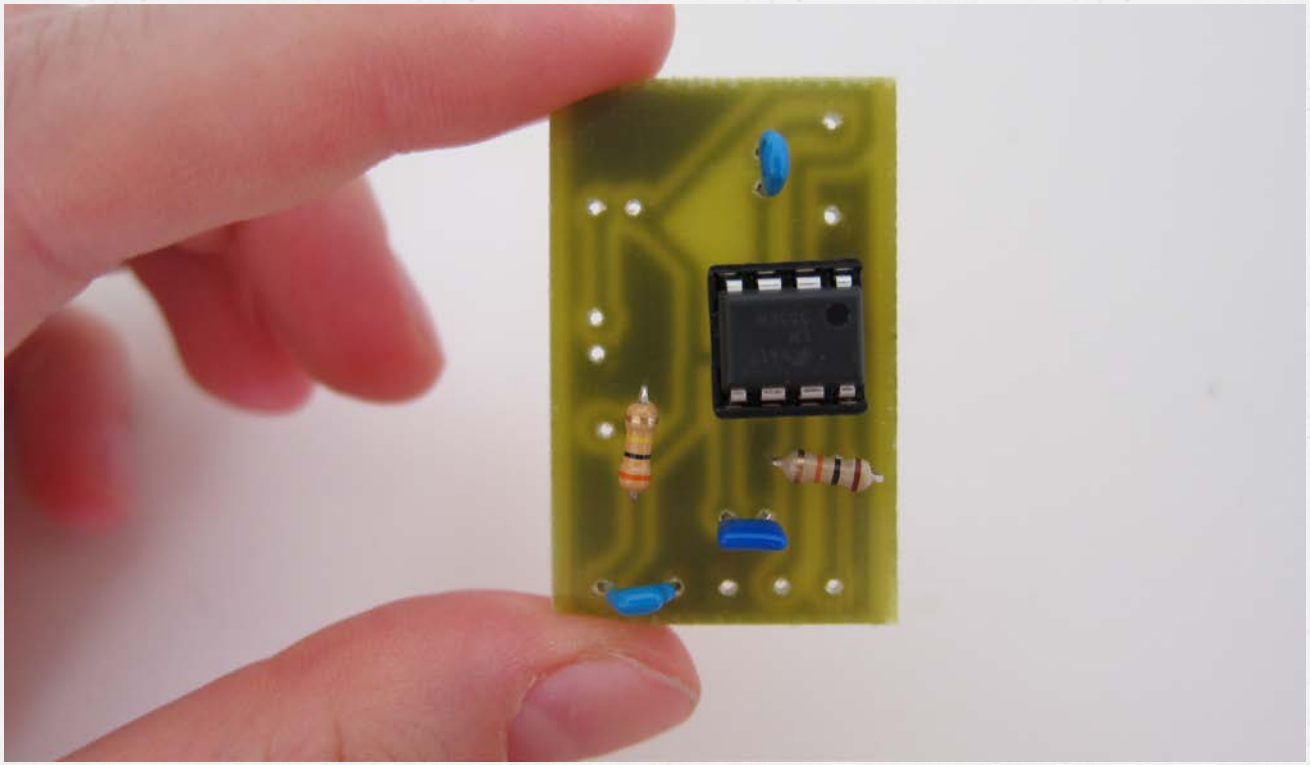
R1: 290 K



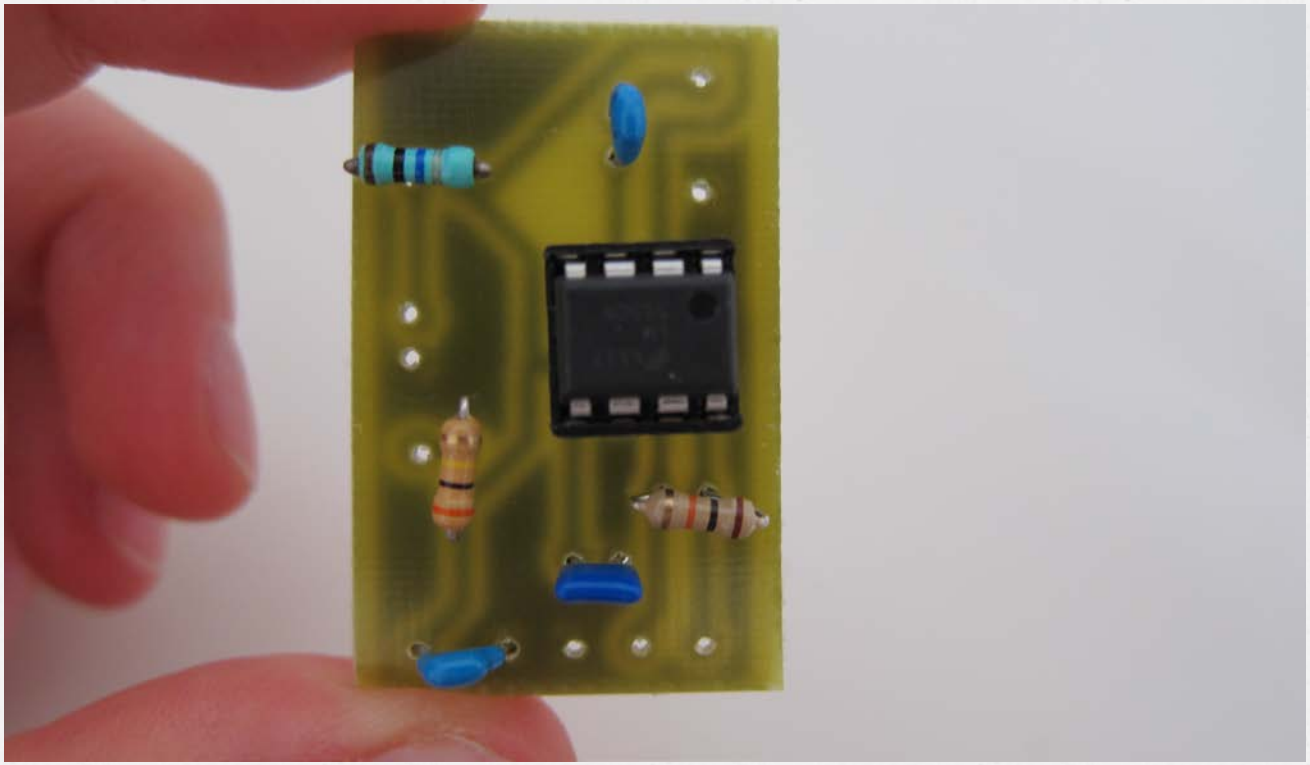
R1: 290 K



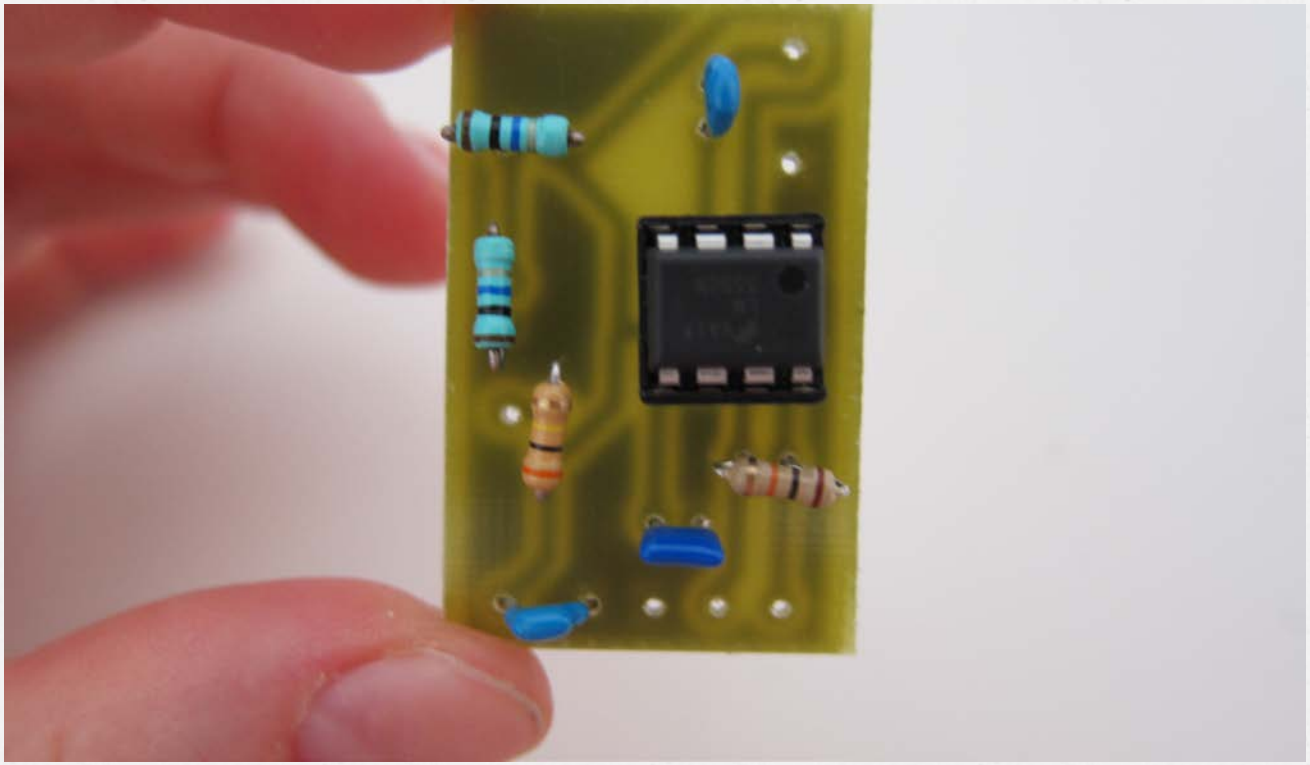
R2: 10 K



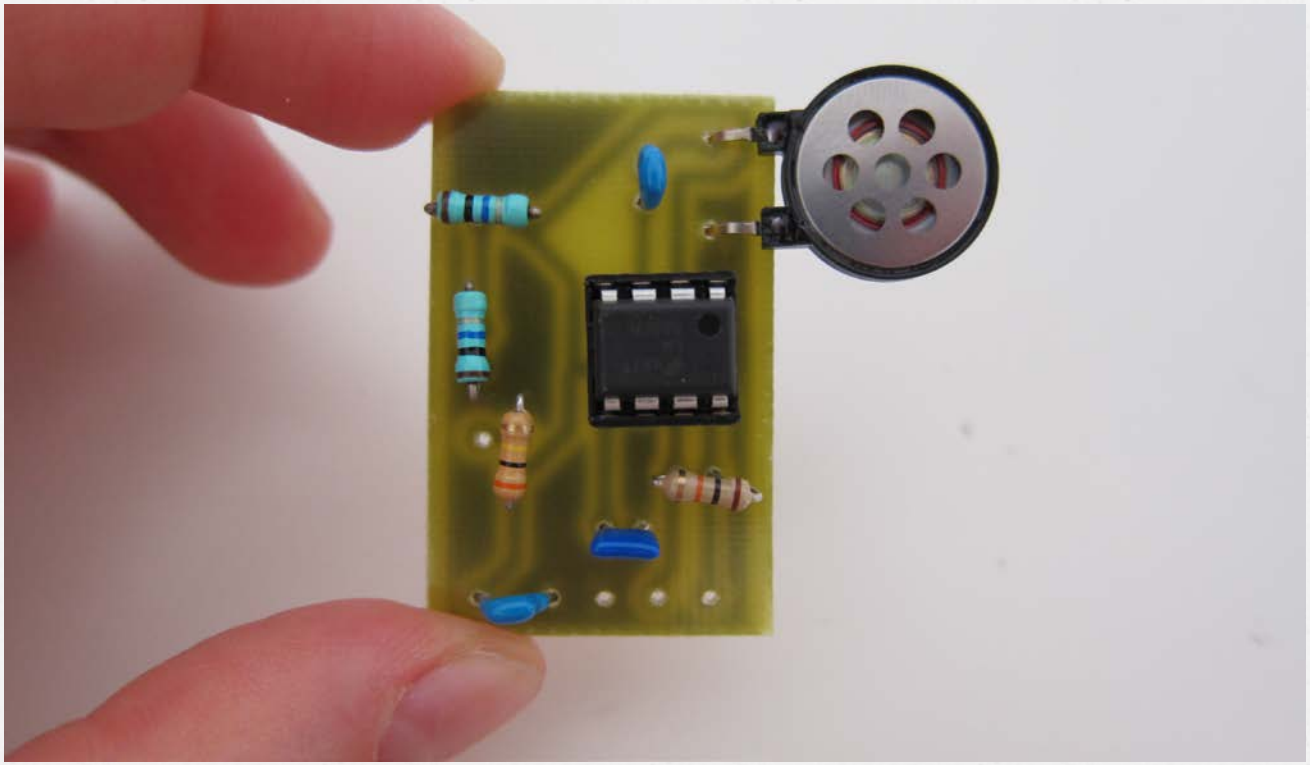
R3: 9,1 M



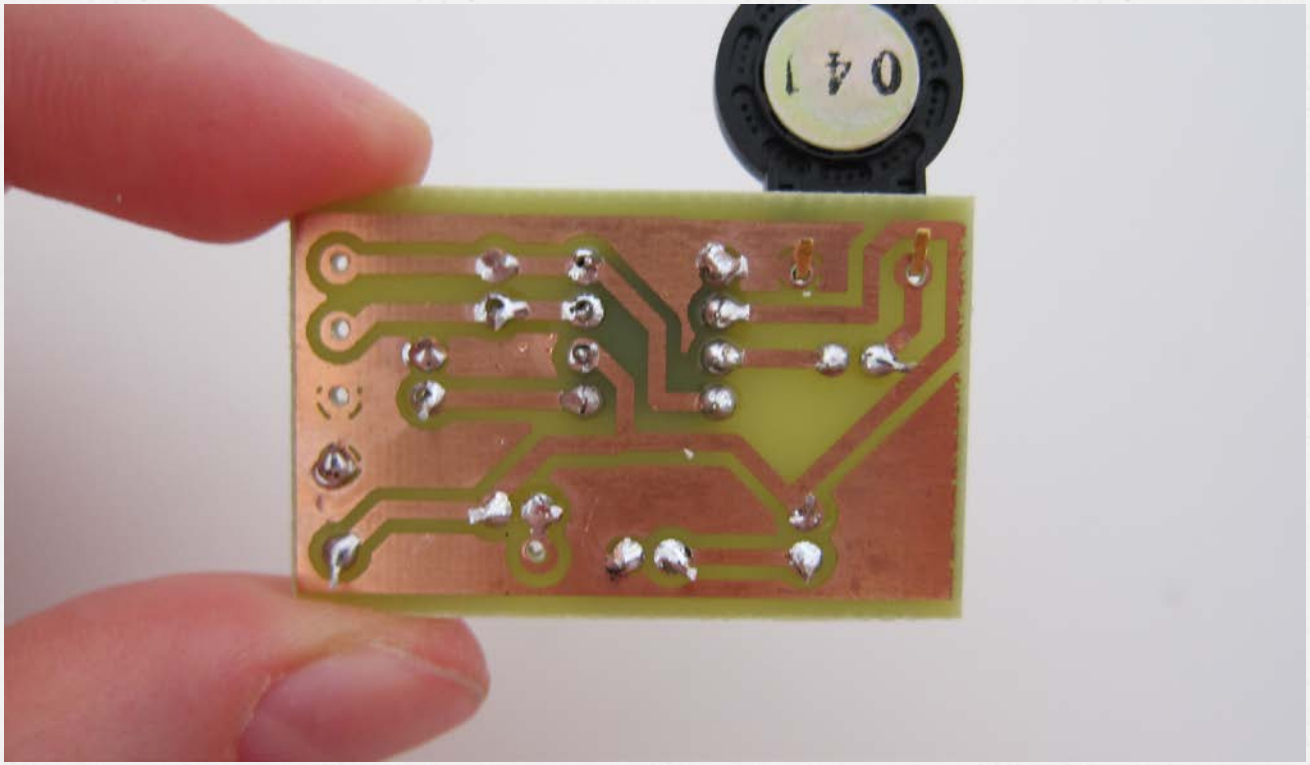
R3: 9,1 M



Lautsprecher



Lautsprecher

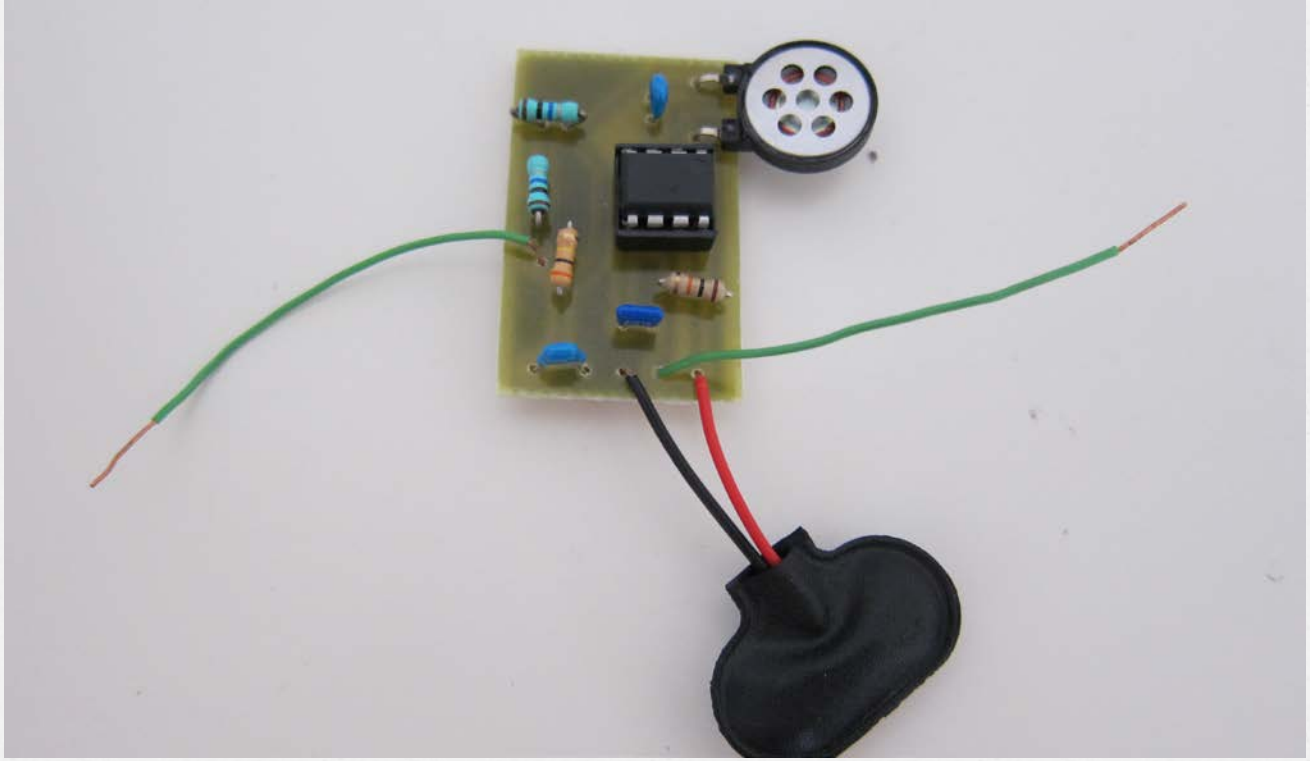


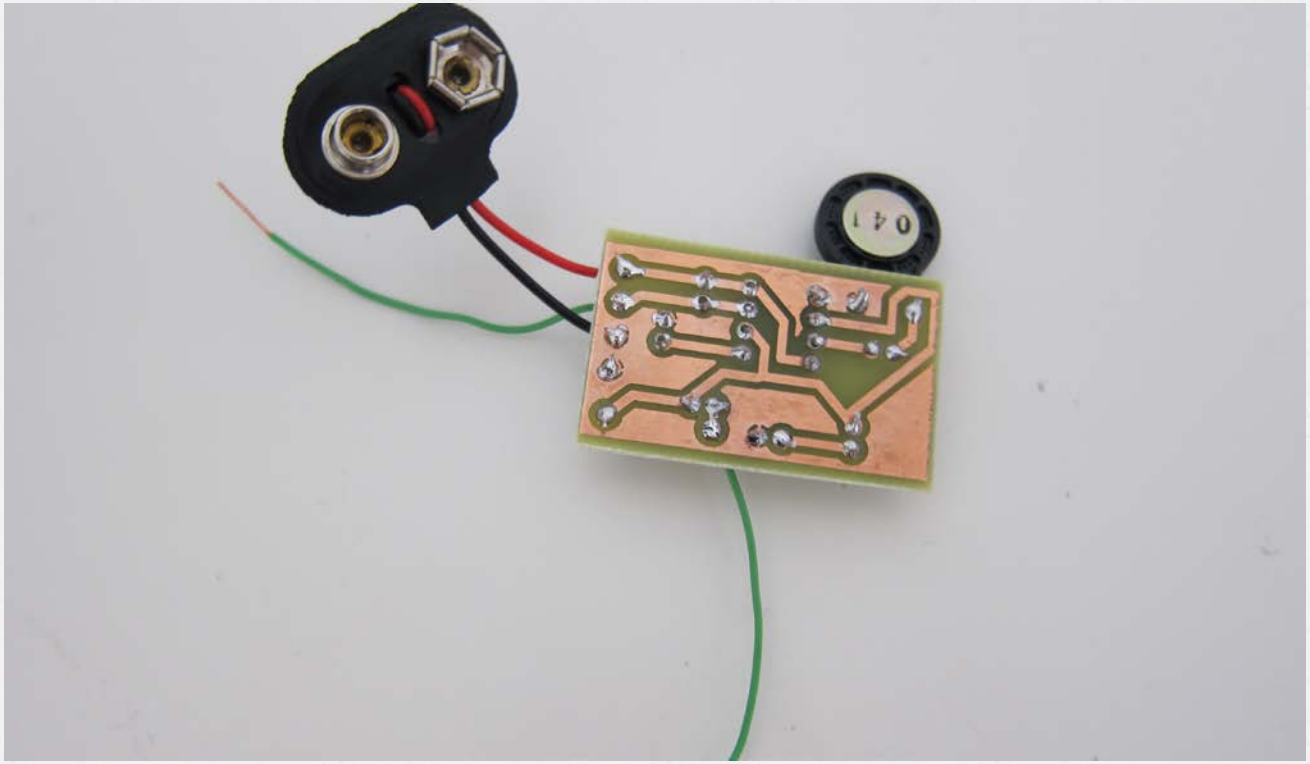
Batterie Klips

abisolieren

Batterie

Verbindungen

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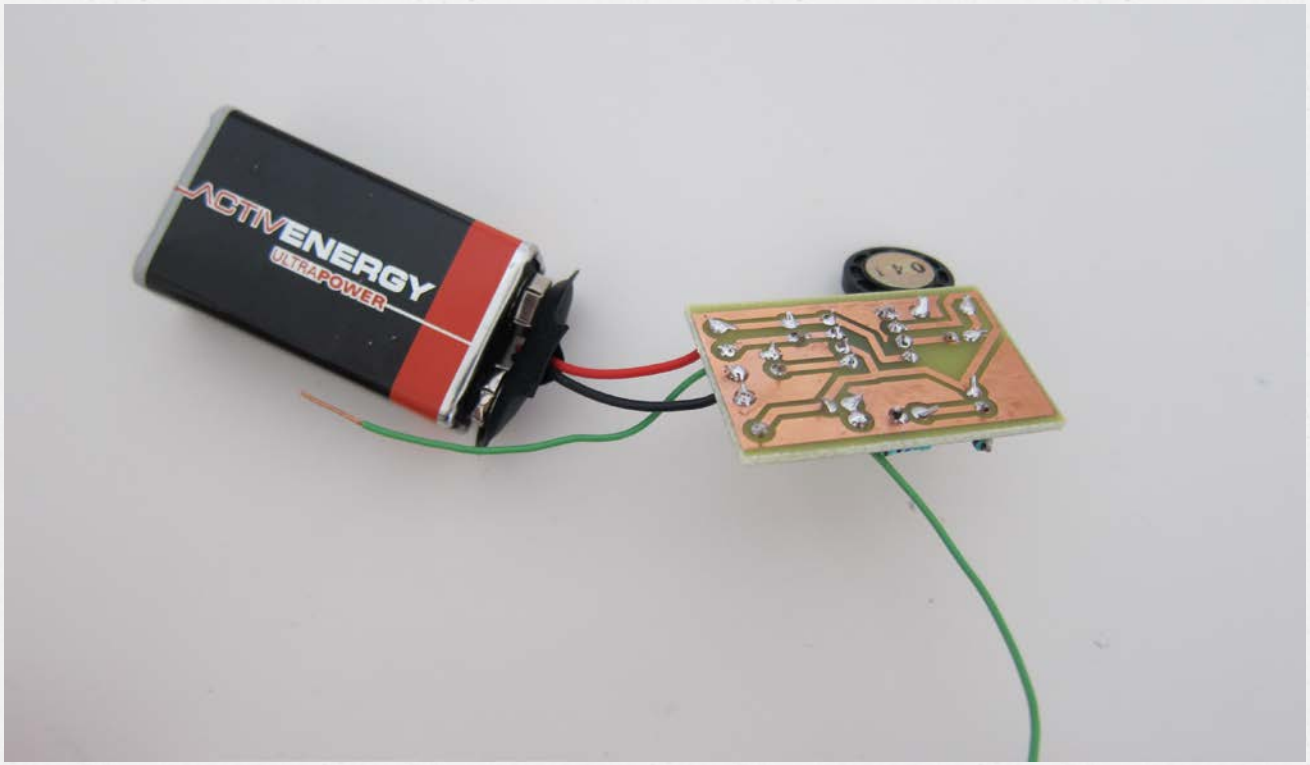
Batterie



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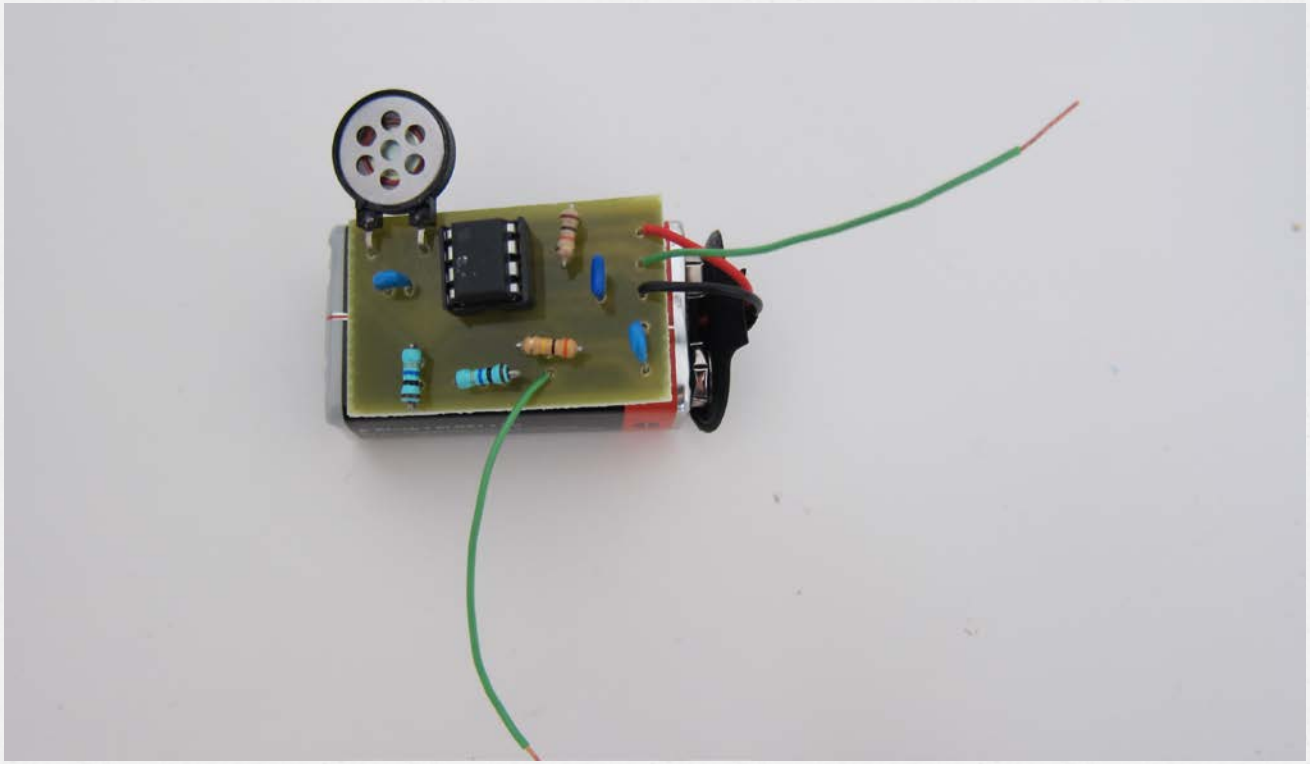
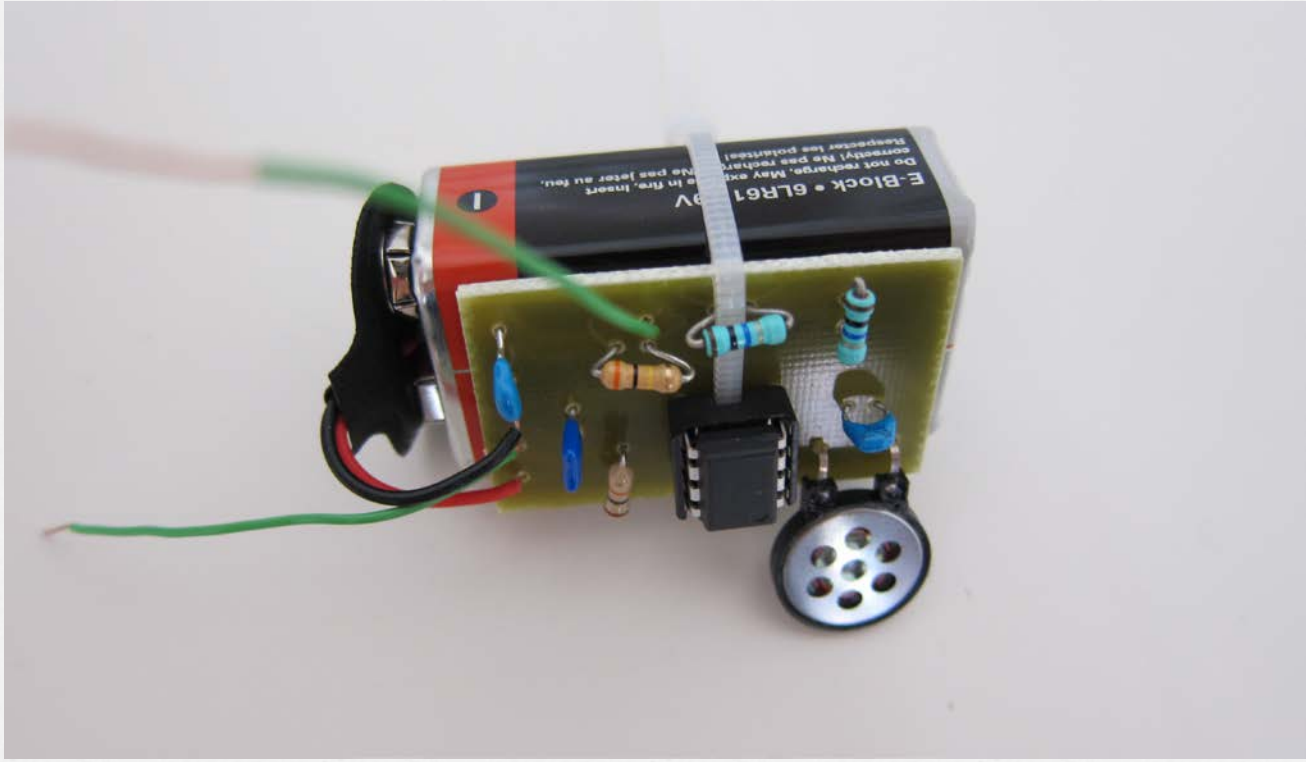
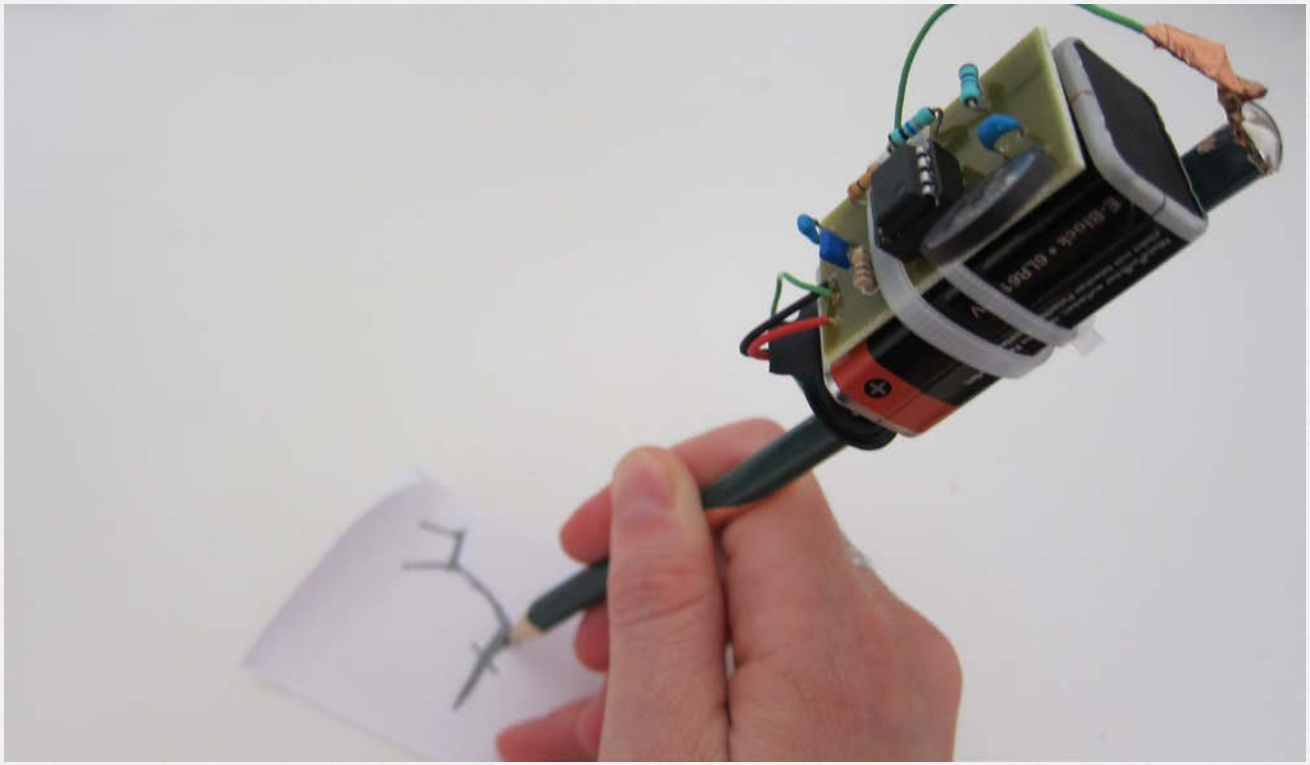


Kablebinder



Kablebinder - Bleistift

Musik zeichnen!



Fertig

☺