

ASCUTA V1.1 ASSEMBLY INSTRUCTIONS

HI THANKS FOR YOUR SUPPORT, HERE IS A QUICK GUIDE ON HOW TO ASSEMBLE YOUR ASCUTA V1.1 KIT

STEP 1

RESISTORS:

75R: R1;R2

1K: R6

100K: R3;R4;R5;R7

10R: R8;R9

47R: R10;R13

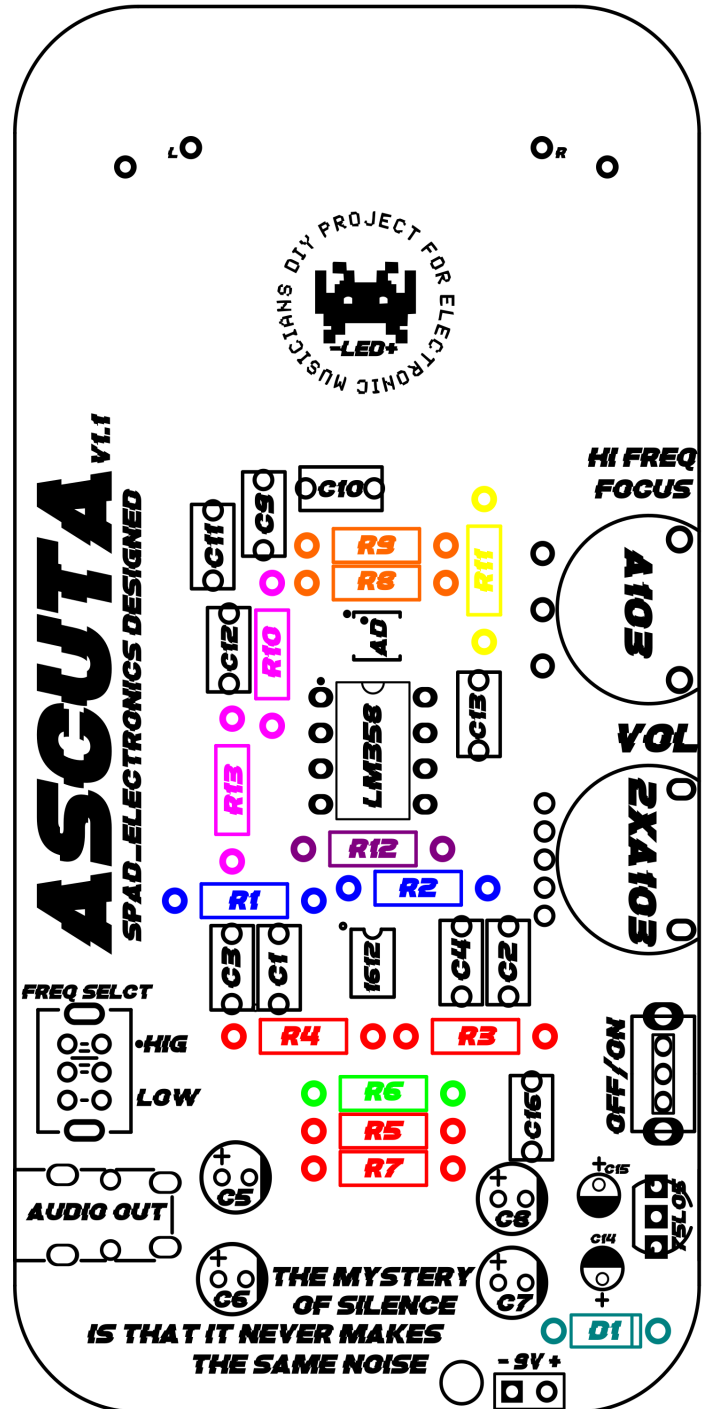
4,7K: R11

22K: R12

STEP 2

DIODE

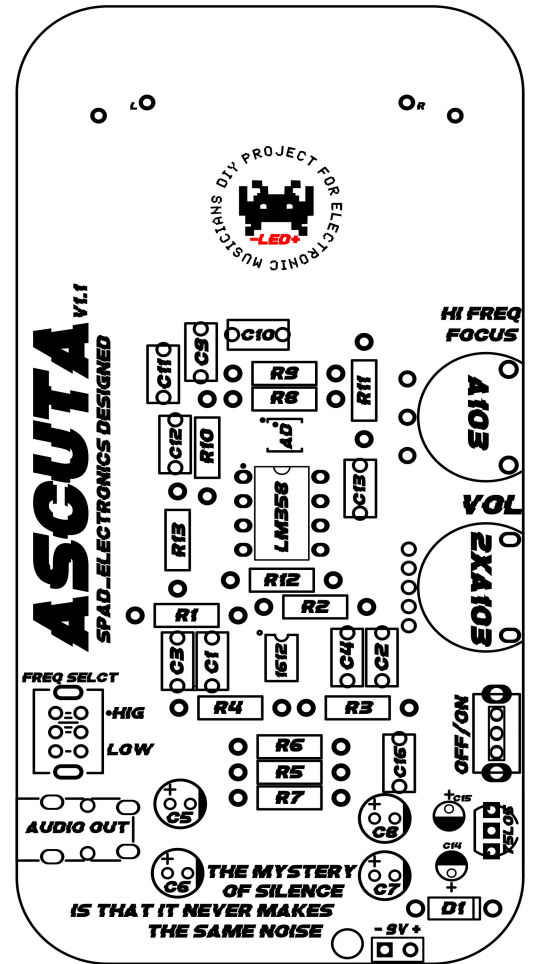
CHECK THE POLARITY,
PLACE THE BLACK STRIP
AS FOOTPRINT ON PCB



STEP 3

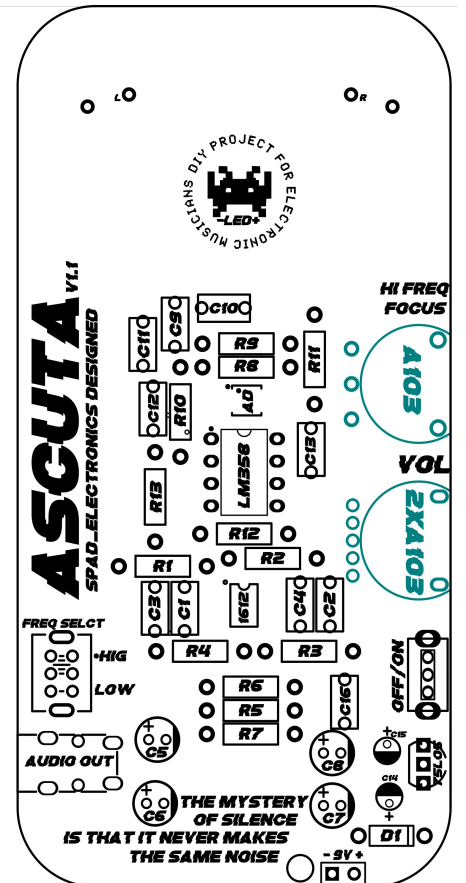
LED:

CHECK THE POLARITY
THE LONG LEG IS THE
POSITIVE PIN



STEP 4

WHELL POTENTIOMETERS



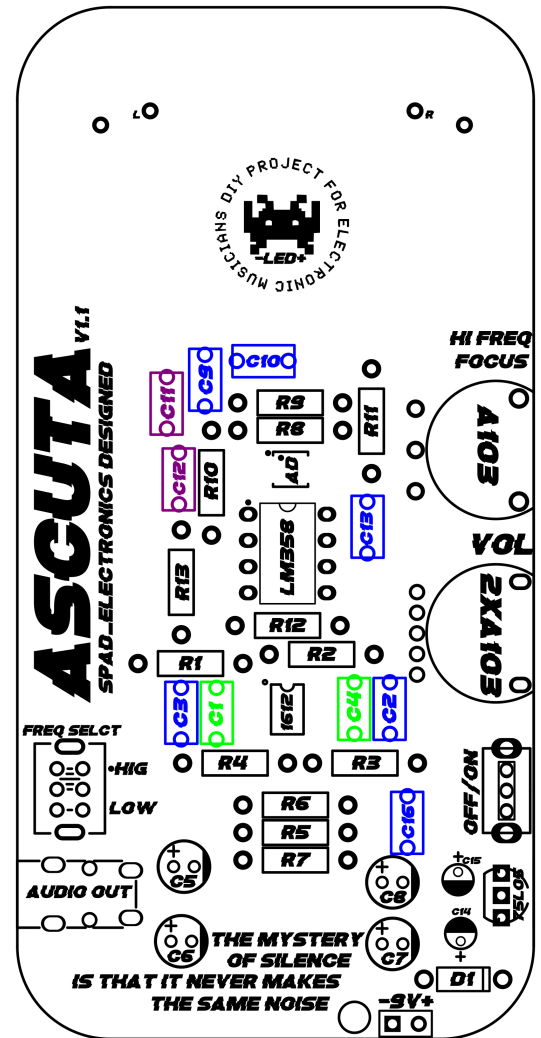
STEP 5

CERAMIC CAPS

10P: C1; C4

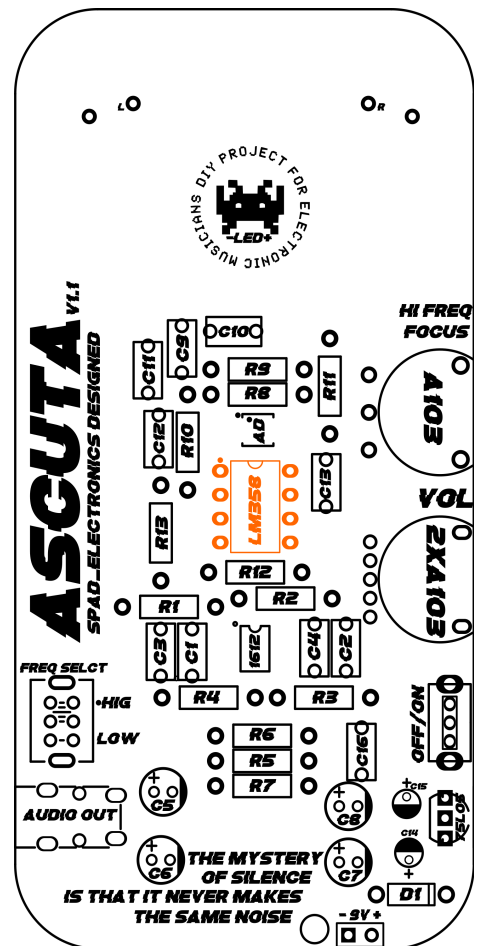
681: C11; C2

104: C2; C3; C9; C10; C13; C16

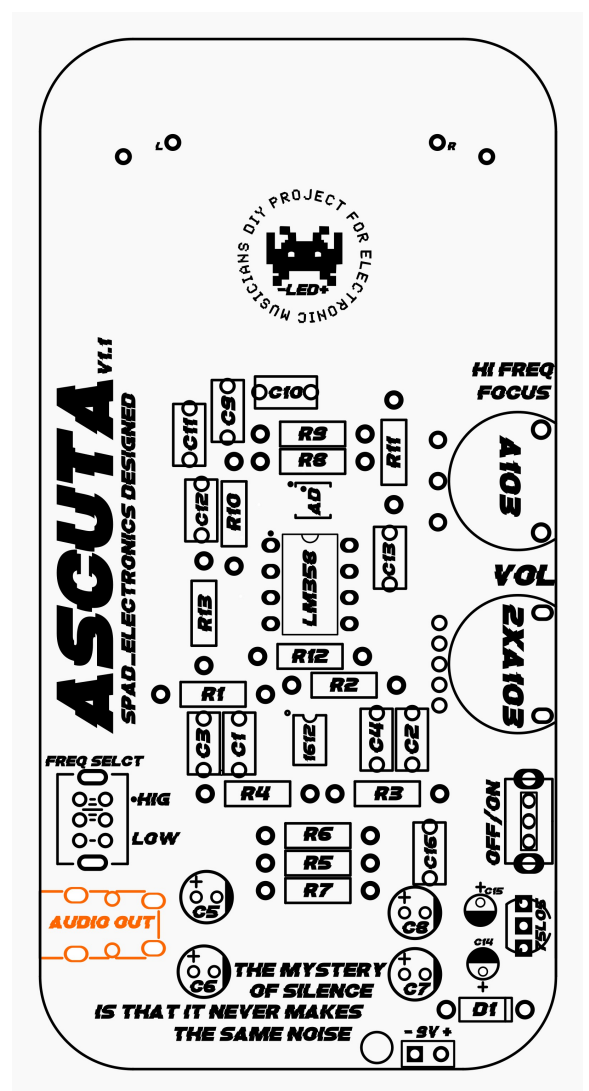


STEP 6

IC SOCKET



STEP 7 AUDIO JACK SOCKET

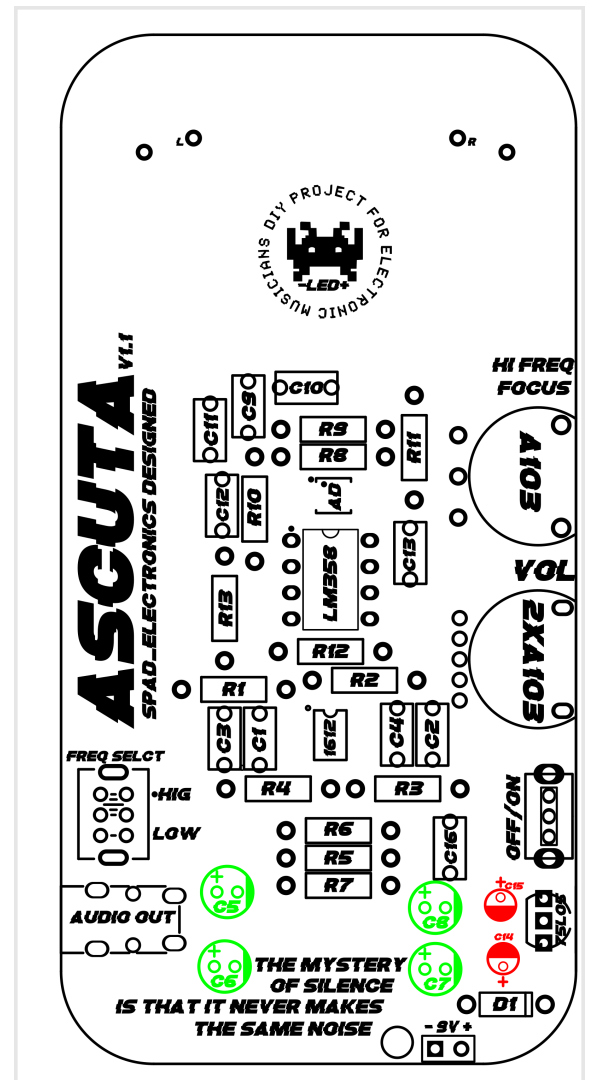


STEP 8 ELECTROLYTIC CAPACITORS

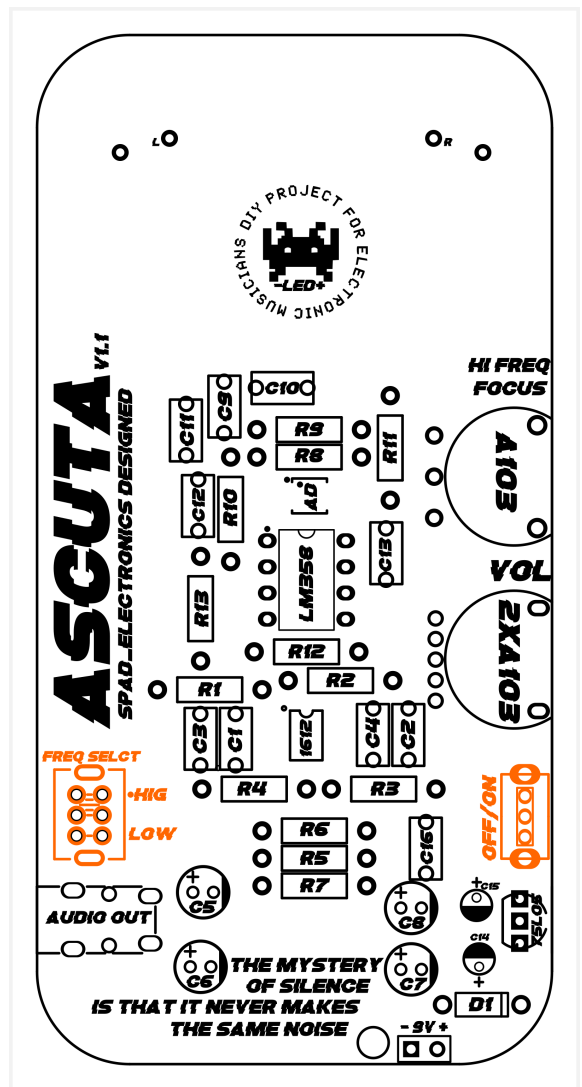
1UF: C14;C15

100UF: C5;C6;C7;C8

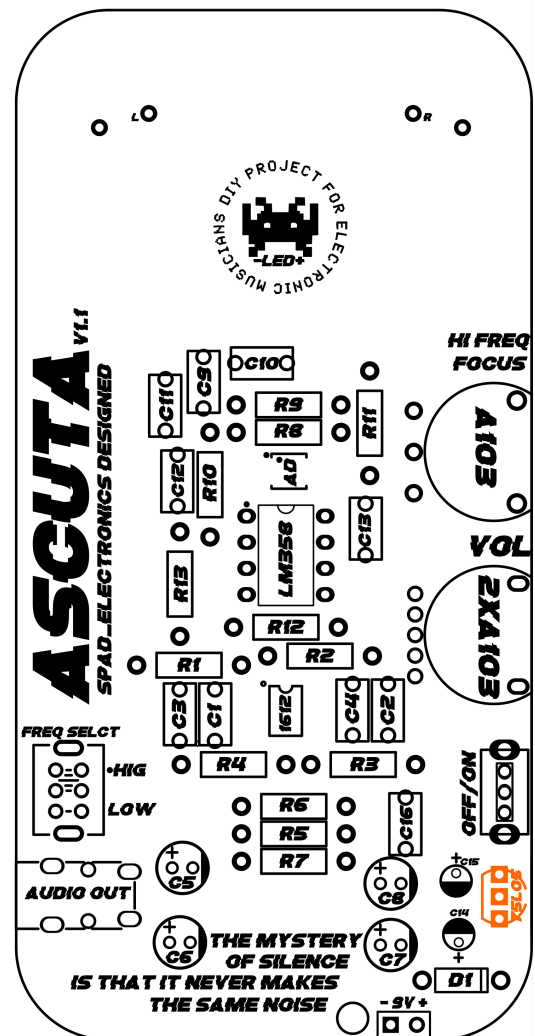
CHECK THE POLARITY
THE LONG LEG IS THE
POSITIVE PIN



STEP 9 SWITCHES



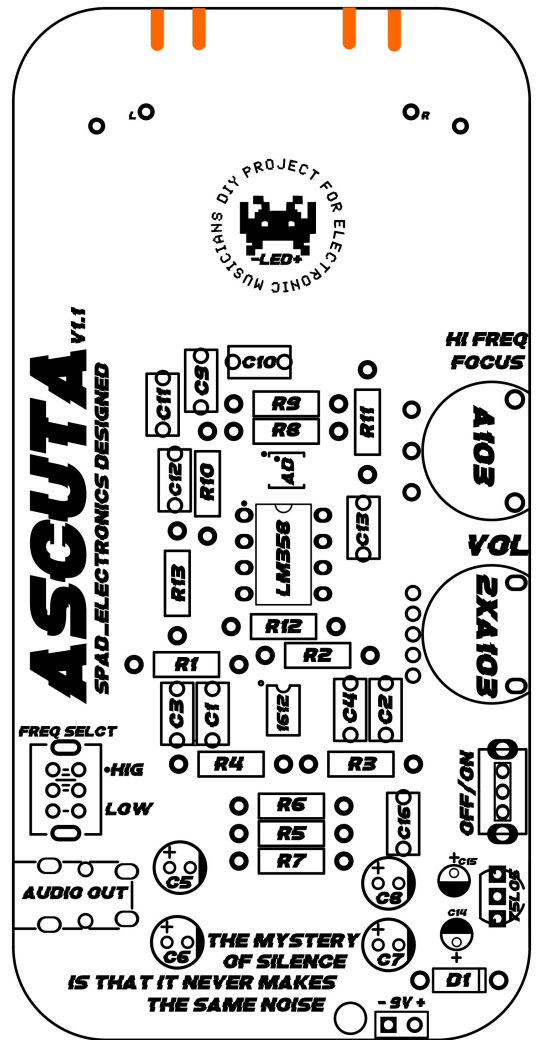
STEP 10 VOLTAGE REGULATOR PLACE IT AS THE DRAW ON THE PCB



STEP 11

ANTENNAS:

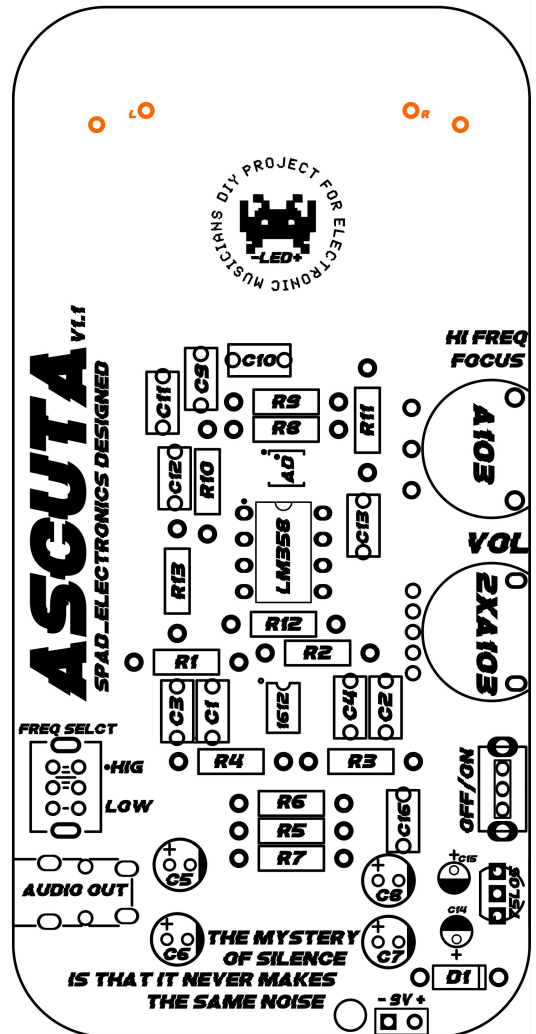
TAKE A REMAINING CUT
OF THE LEGS OF A RESISTOR,
FOLD IT AND SOLDER IT
ON THE INDICATED PITCHES



STEP 12

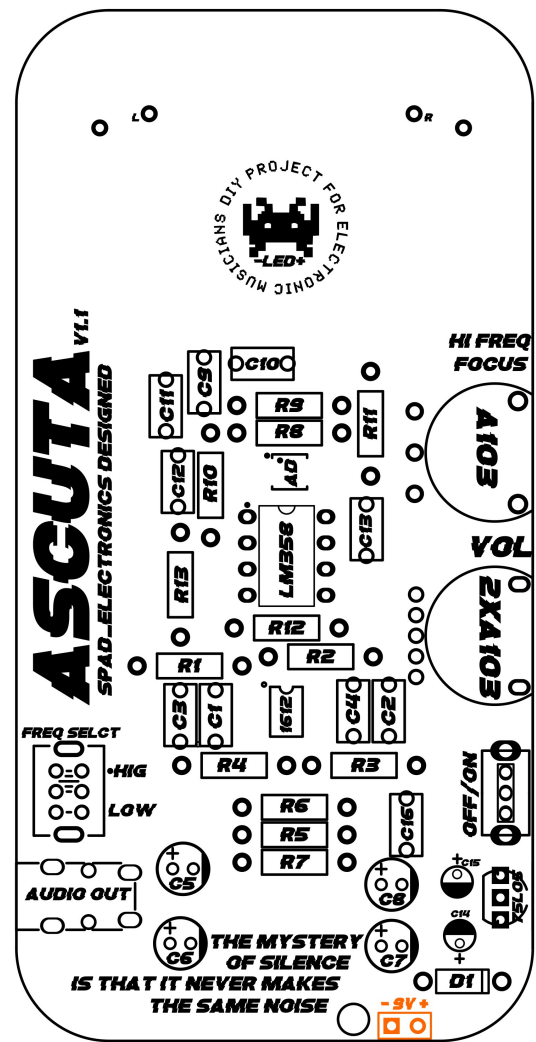
INDUCTORS:

GENTLY BEND
THE INDUCTORS
FORWARD



STEP 13

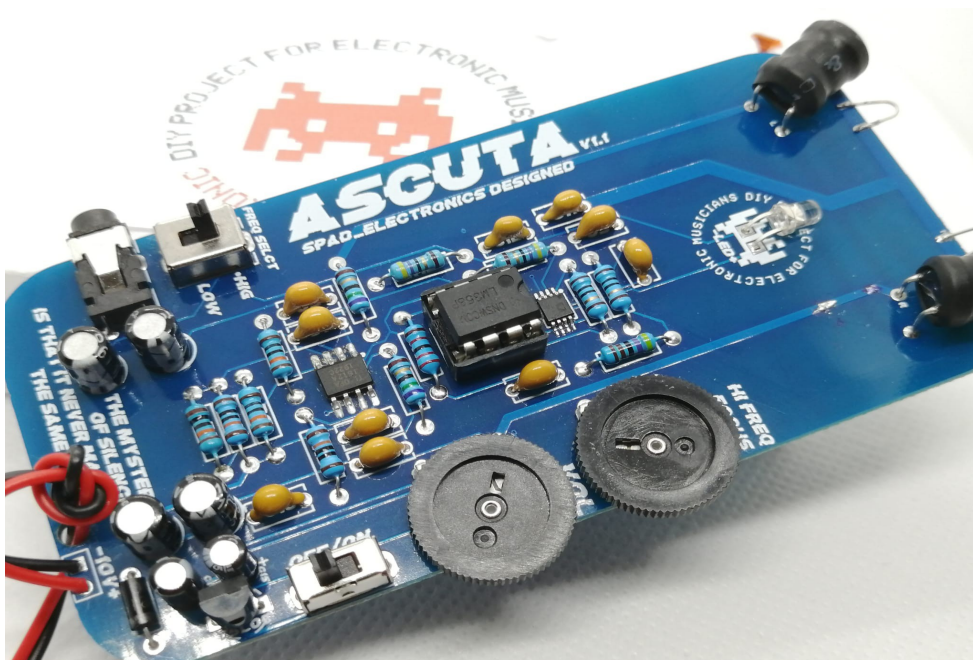
9V BATTERY CLIP:
BEFORE SOLDERING
THE CABLE,
PASS IT THROUGH THE HOLE
INDICATED IN THE RED
PHOTO AND TIE A
KNOT ON ITSELF,
THIS WILL PREVENT
THE CABLE FROM
COMING OFF WHERE
IT IS SOLDERED.
THEN SOLDER
THE RED CABLE ON THE +
AND THE BLACK CABLE ON THE -



NOW INSERT THE IC IN ITS RESPECTIVE SOCKET

PAY ATTENTION TO THE POLARITY EACH IC HAS A HALF MOON OR A SMALL DOT ON PIN 1 PUT IT IN CORRESPONDENCE WITH THE DRAWING ON THE PCB

WELL DONE YOU ARE DONE ASSEMBLING YOUR ASCUTA V1.1, NOW YOU SHOULD HAVE SOMETHING VERY SIMILAR TO THIS!



OOOH NO! MY DEVICE NOT WORKING!

TRY TO FIX IT WITH THIS CHECK LIST:

**-CHECK THE POLARITY OF POLARIZED COMPONENT AS IC,E.CAP, LEADS,
-9V BATTERY CLIP.**

CHECK IF YOUR 9V BATTERY IS CHARGED

**-CHECK THE SOLDER POINT MANY TIMES CAN BE A COLD OR MORE HOT
SOLDER TO MAKE A FALSE CONTACT**

**IF THIS LIST OF CHECK DONT RESOLVE YOUR PROBLEM CONTACT US ON
INSTAGRAM OR FACEBOOK CHAT AND SEND US SOME VIDEO AND PICS OF
PROBLEM WE TRY TO FIX IT TOGETHER**

HAVE A FUN AND MAKE SOME NOISE!

THANK YOU FOR YOUR SUPPORT