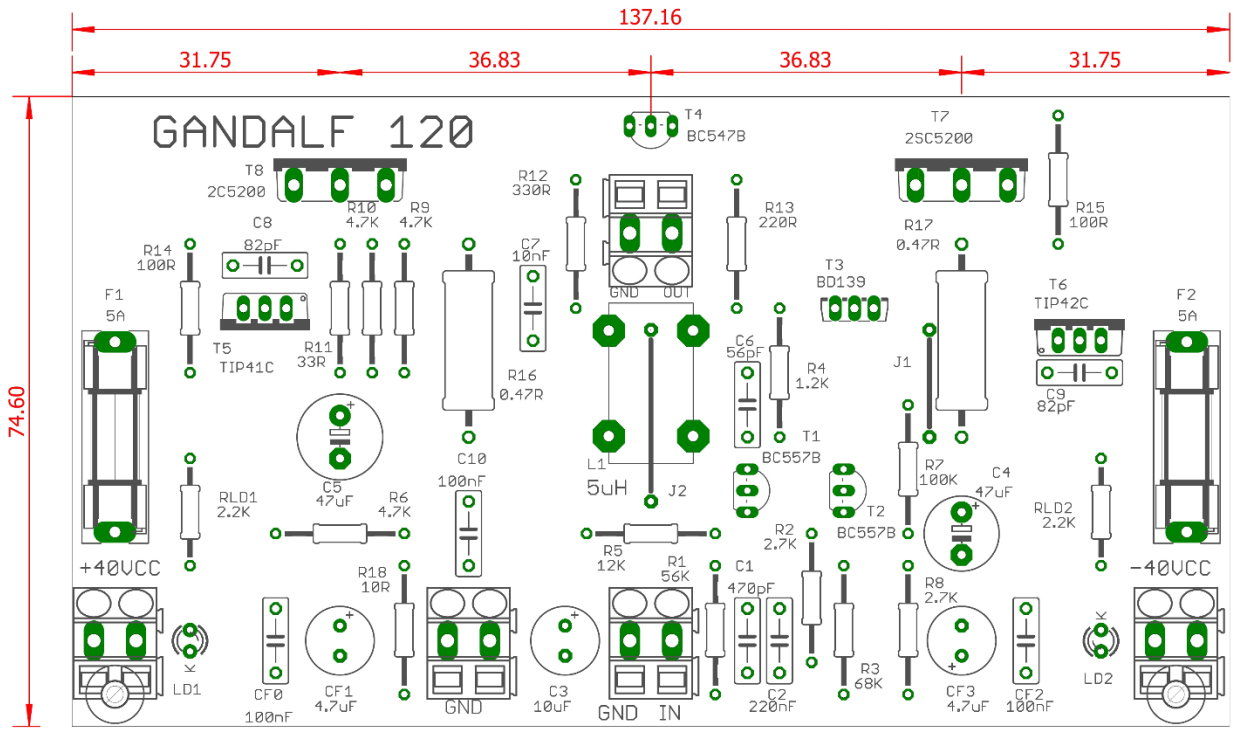
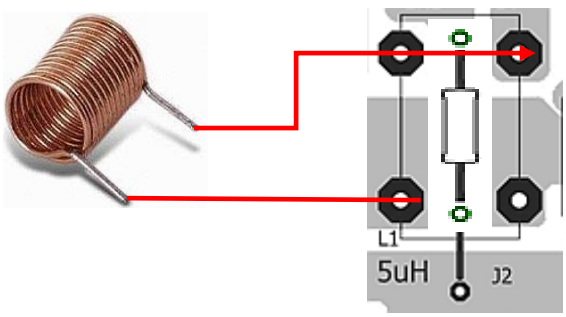
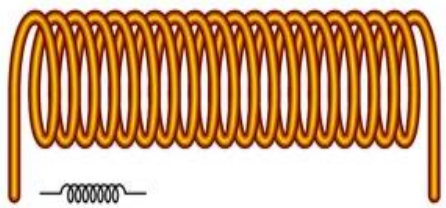
(AMPLIFICADOR - 120W - 8R)



L1 (18 VOLTAS FIO ESMALTADO 18 AWG, diâmetro da forma 1 cm) + R21 (10R x 2W).

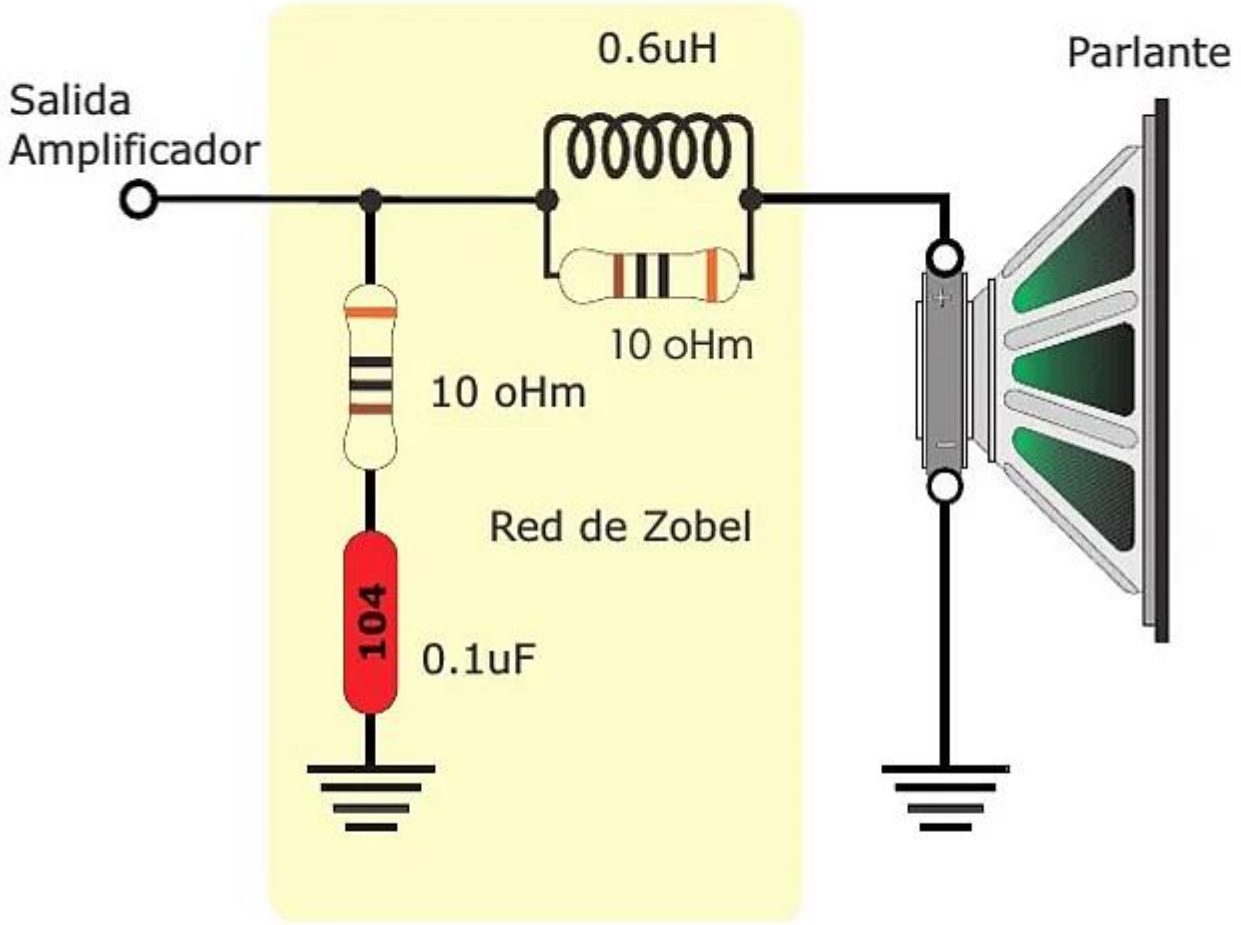
ATENÇÃO !! CUIDADO AO CONFECCIONAR A BOBINA, TEM QUE COINCIDIR COM A PCI.





La Red de Zobel

Diagrama eléctrico



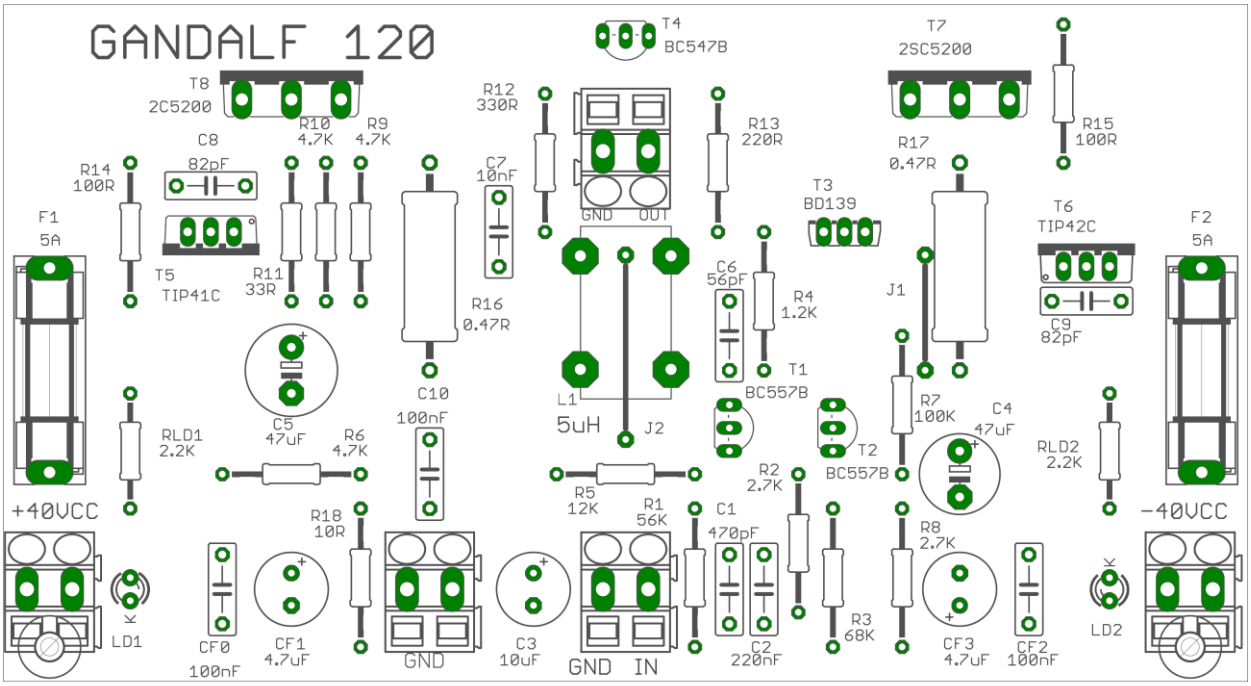
La red de zobel es una especie de filtro que se encarga de fijar la impedancia de transferencia.

1) Se utiliza para que el amplificador vea a la salida una carga resistiva, en vez de la carga inductiva, que presenta el parlante.

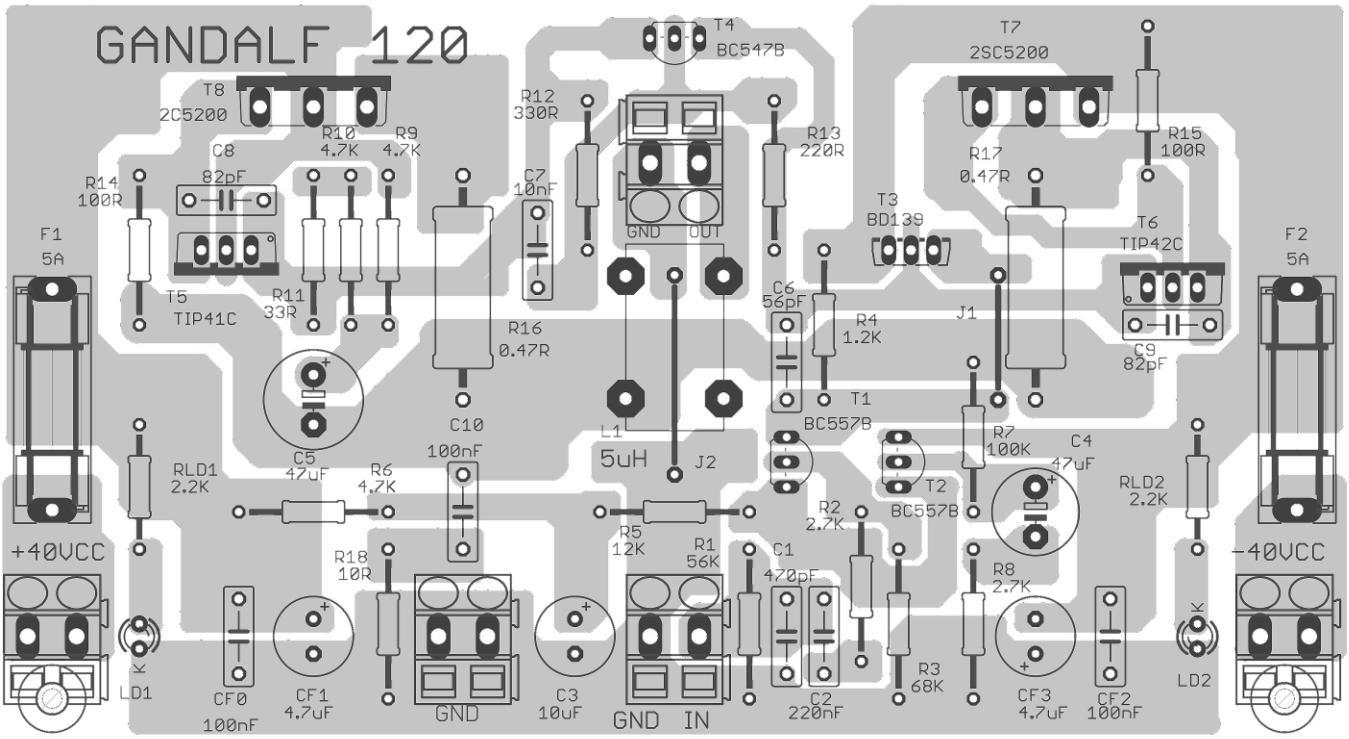
2) Evita el paso de corrientes inversas, generadas por el parlante, que pueden llegar a averiar las salidas del amplificador.

3) ayuda a reducir la posibilidad de oscilaciones de alta frecuencia, que pueden llegar a recalentar el amplificador.

DISPOSIÇÃO DOS COMPONENTES

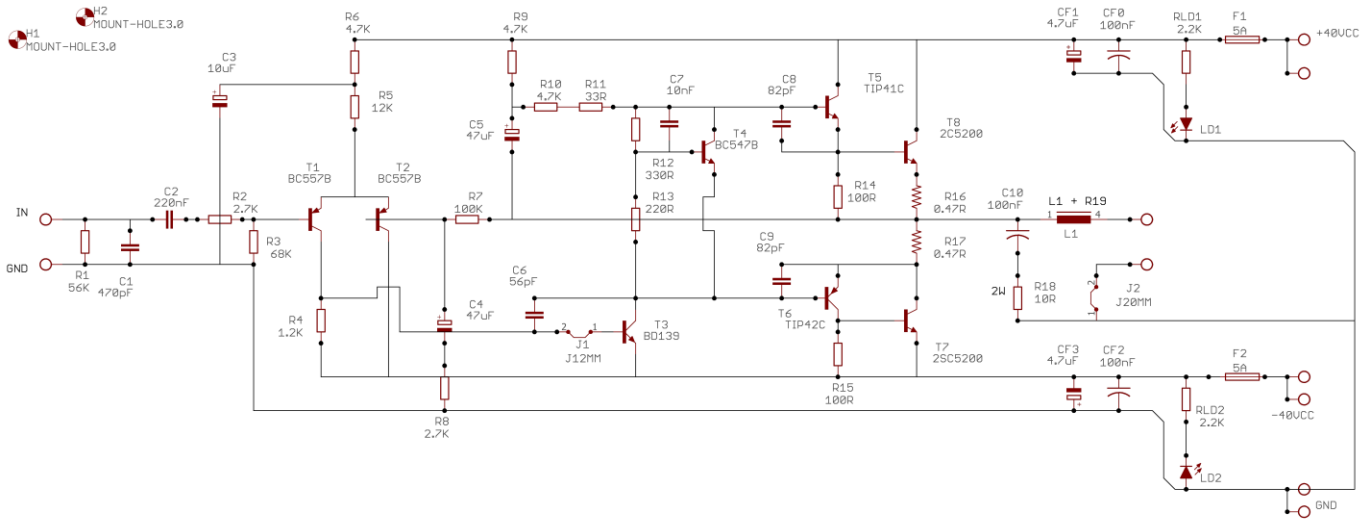


RAIO-X



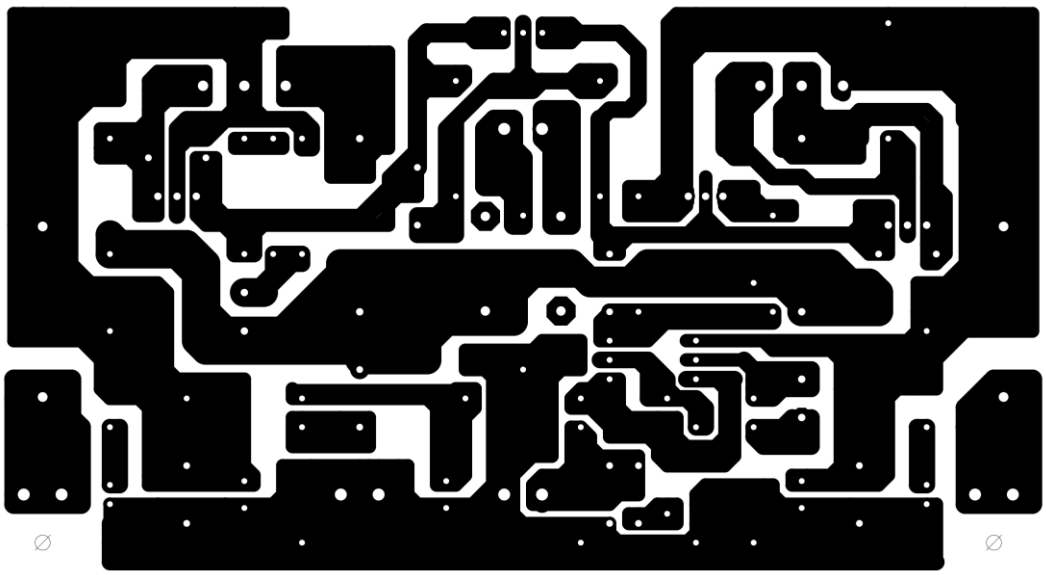
ESQUEMA

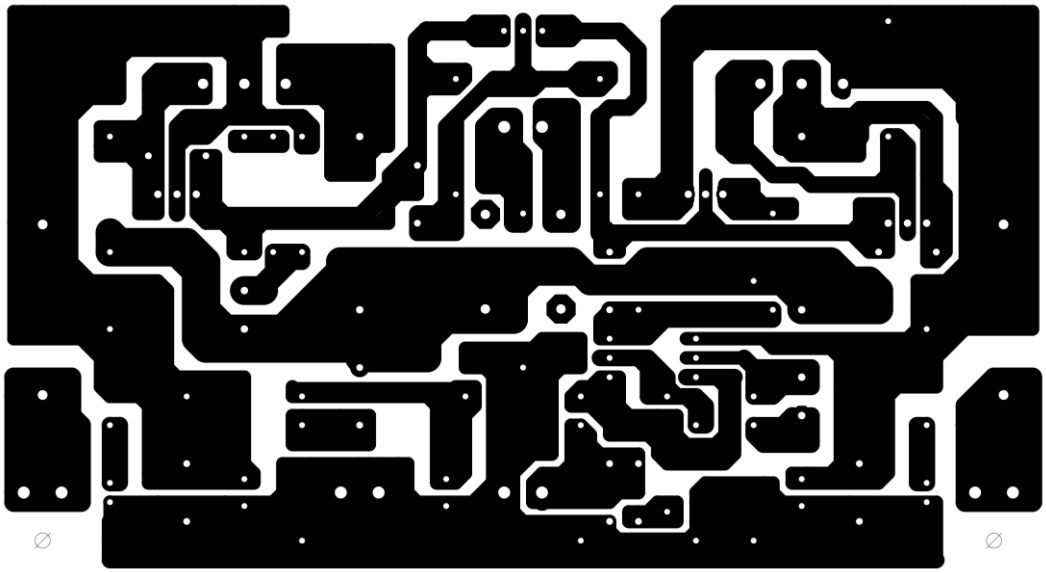
Amplificador - Mono - GANDALF 120W - 8R
L1 = 22 voltas fio esmaltado nº 18 AWG Diametro 1 cm + R19 = 10R x 2W
TRAFO: 30V + 0 + 30V VAC x 6A

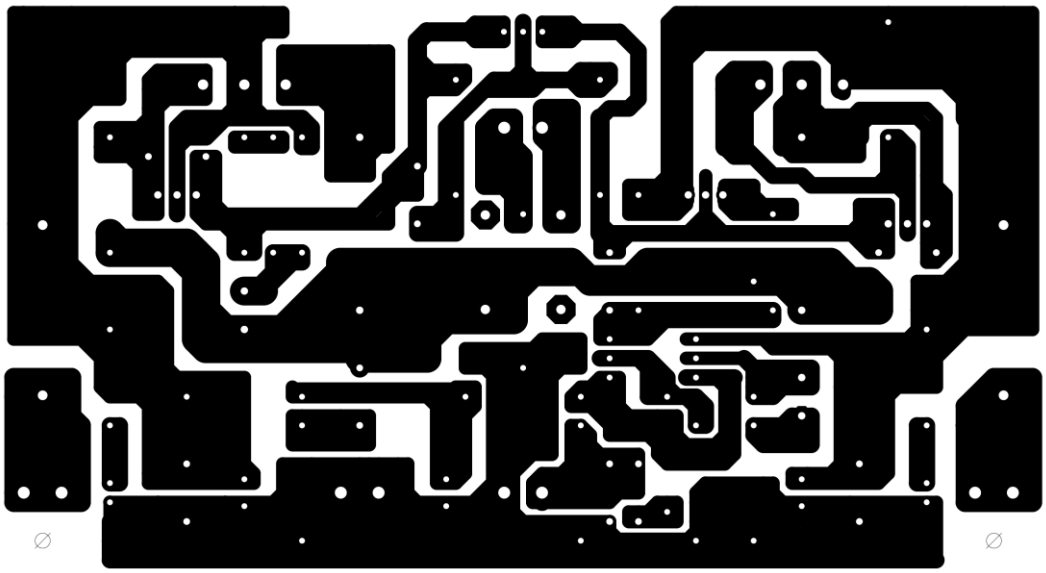


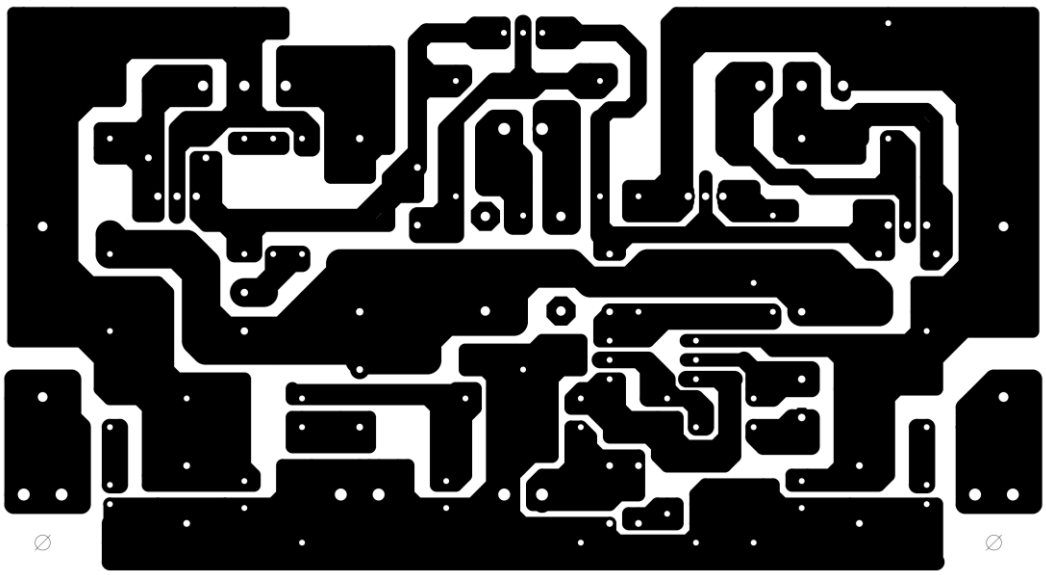
IMPRIMIR EM LASER - PAPEL COUCHÊ 115G

SEM INVERTER

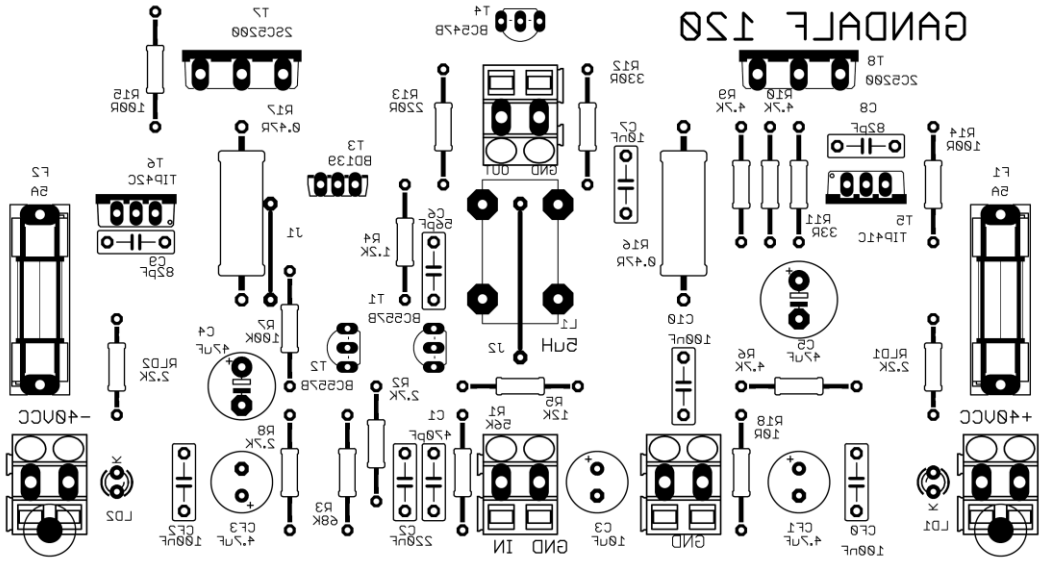


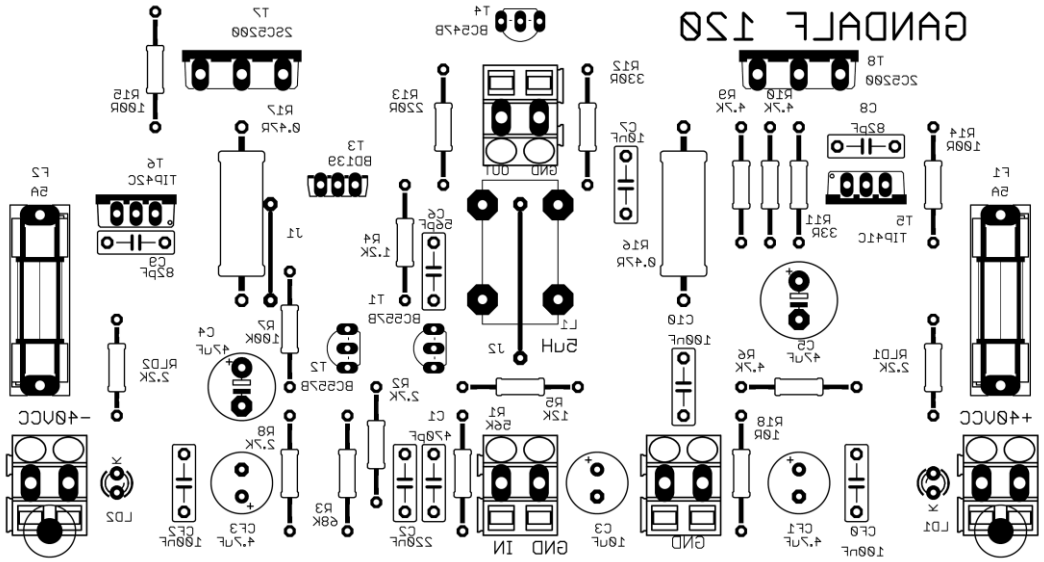


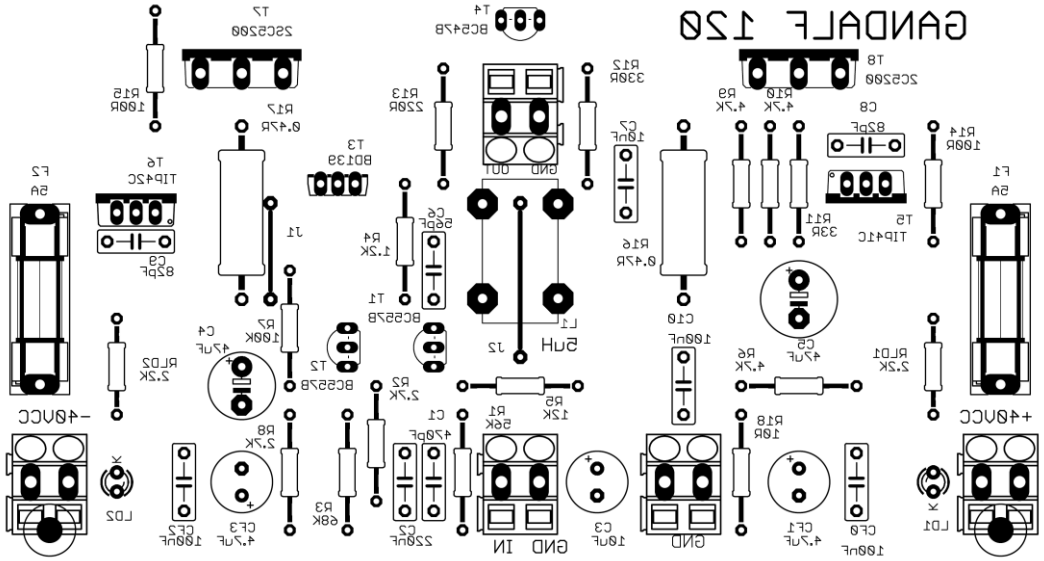




MÁSCARAS


GANDALF 120
+40VCC
-40VCC
GND
IN
OUT
SUB

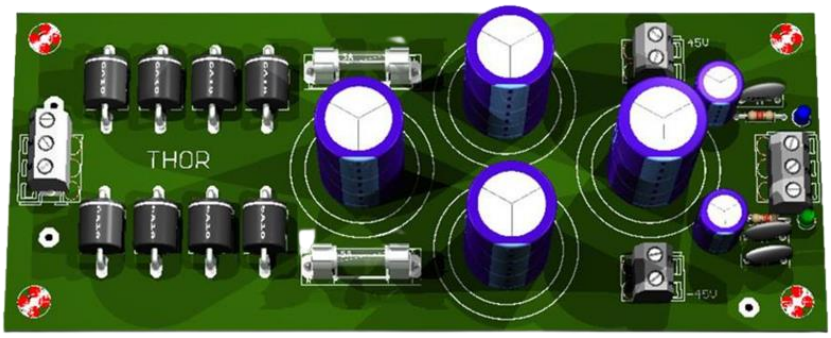

GANDALF 120
+40VCC
-40VCC
GND
IN
OUT
SUB


GANDALF 120
+40VCC
-40VCC
GND
IN
OUT
SUB

MATERIAL

Resistores	Capacitores	Semicondutores	Diversos
1W R1 56K R2 2.7K R3 68K R4 1.2K R5 12K R6 4.7K R7 100K R8 2.7K R9 4.7K R10 4.7K R11 33R R12 330R R13 220R R14 100R R15 100R R18 10R RLD1 2.2K RLD2 2.2K **2W** R19 10R **5W** R16 0.47R R17 0.47R	C1 470pF x 250V C2 220nF x 250V C3 10uF x 100V C4 47uF x 100V C5 47uF x 100V C6 56pF x 500V C7 10nF x 250V C8 82pF x 500V C9 82pF x 500V C10 100nF x 250V CF0 100nF x 250V CF1 4.7uF x 100V CF2 100nF x 250V CF3 4.7uF x 100V	T1 BC557B T2 BC557B T3 BD139 T4 BC547B T5 TIP41C T6 TIP42C T7 2SC5200 T8 2SC5200 LD1 Led 3mm LD2 (*) Dissipadores + Pasta Térmica + Isoladores de Mica + Isoladores de Nylon + Parafusos	CON1 +40VCC SMKDSP_1,5/2 5,0 mm CON2 GND CON3 -40VCC CON4 IN Sinal de áudio CON5 OUT de áudio F1 Mini-Fusível 5A F2 Mini-Fusível 5A (02) Mini-Porta fusível para PCI J1 J12MM J2 J20MM L1 = 22 espiras, fio esmaltado número 18 AWG, forma de diâmetro de 1cm TRAFO: 110V / 220V 30V – 0 – 30V x 6A

FONTE (OPCIONAL) – ALTERAR O TRANSFORMADOR PARA 30V – 0 – 30V x 6A



LINK: https://youtu.be/kTdNOUvIPh4

SHATENG SUA MELHOR OPÇÃO !!