

# CIRCUITO TÍPICO DE APLICACIÓN DEL TDA2002 / TDA2002A

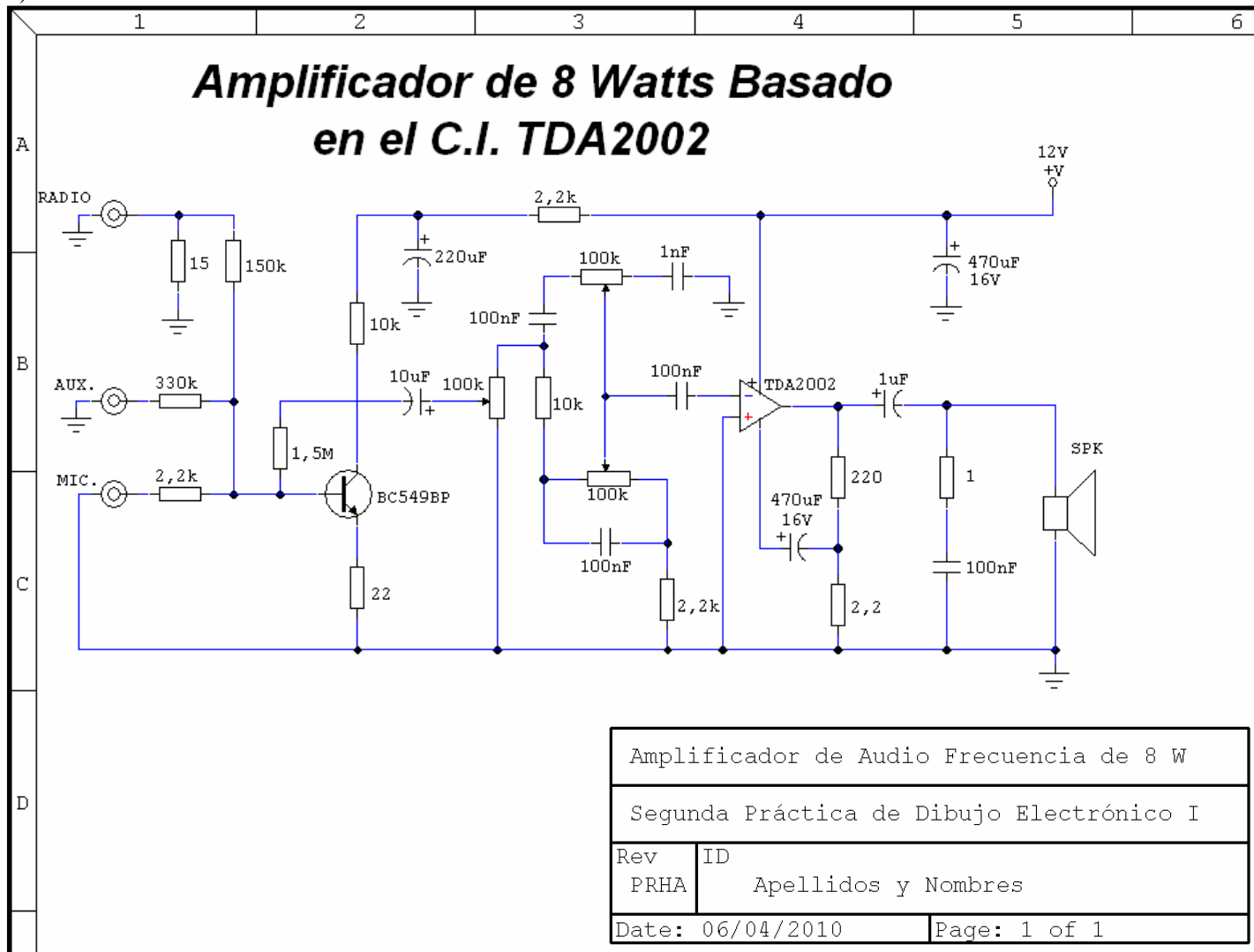
**NOTA:**

$CBF = 1/(BW)(2)(PI)R1$   
 $RFB = 20(R2)$   
 $BW$  : Ancho de Banda  
 $PI$  : 3,1416

The diagram shows the internal circuitry of a chip, labeled "Parte de Chip T4". It includes several input and output pins with their respective voltages and connections to external components.

- IF IN 2.1V**: Connected to a **FILTER** block (pin 47) and a **CF12201 4.5MHZ** component.
- L IN 5.1V**: Connected to a **NC** (Not Connected) pin (pin 2).
- R IN 6.1V**: Connected to a **NC** (Not Connected) pin (pin 4).
- FM TANK 4.5V**: Connected to a **C12304 .01** capacitor.
- FM TUNE 3.0V**: Connected to a **R12308 100K** resistor, which is also connected to a **C12305 1.5μF 100V** capacitor.
- WBA OUT 3.7V**: Connected to a **R11601 2200** resistor, which is also connected to a **C11601 1μF** capacitor.
- 3.7V SOUND IF OUT**: Connected to a **R12309 3900** resistor, which is also connected to a **C12310 .001** capacitor.
- CR12301**: A diode connected to the **FM TUNE 3.0V** pin and the **3.7V SOUND IF OUT** pin.
- L12301**: An inductor connected to the **FM TUNE 3.0V** pin and the **3.7V SOUND IF OUT** pin.

c)



d)

