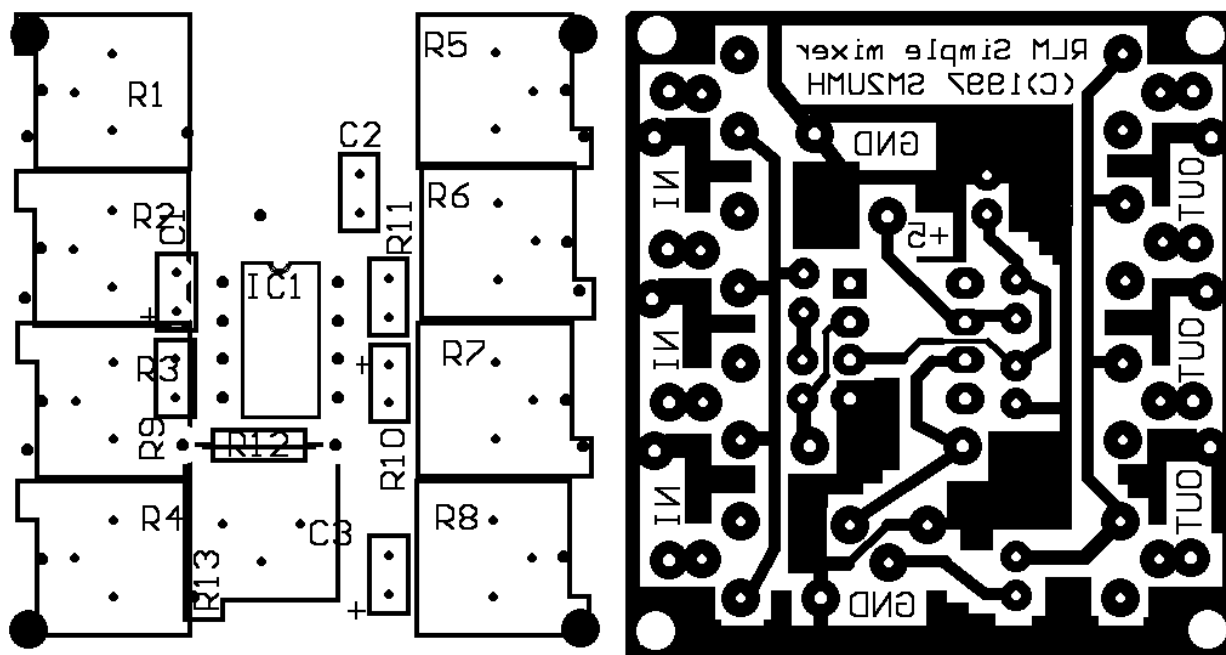


Simpel ljudmixer att använda för repeater system (C) 970610 SM2UMH Peter Hansson

[HTTP://vbk.campus.luth.se/rim](http://vbk.campus.luth.se/rim)

The diagram shows a circuit for a simple audio mixer. It features a 741 operational amplifier (IC1) configured as a voltage follower. The input stage consists of four 100k resistors (R1, R2, R3, R4) connected to the input (IN). The signal passes through a 1uF capacitor (C1) and a 1k resistor (R9) to the non-inverting input (pin 3). The inverting input (pin 2) is connected to ground through a 10k resistor (R10) and to the output (pin 6) through a 100k resistor (R12). The output (pin 6) is connected to ground through a 1k resistor (R13) and to the output (OUT) through a 1uF capacitor (C3). The output (OUT) is also connected to ground through a 100k resistor (R8). The circuit is powered by a +5-12v supply (pin 7) and ground (pin 4).



Kretskortlayout och komponentplacering, ljudmixer till RLM. (C) 970625 SM2UMH Peter Hansson