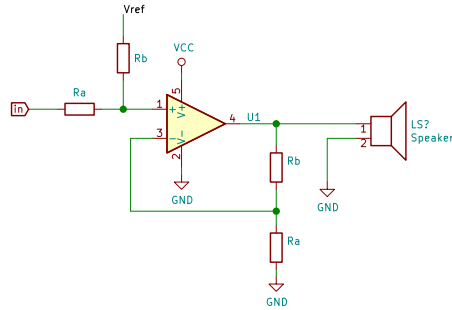


# Circuits

## 1.1 Amplificateurs opérationnels

### 1.1.1 Single supply, non inverting

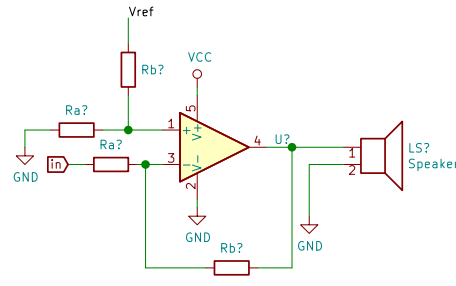


1. Fonctionne en DC

2. Tension amplifiée autour de  $U_{ref}$

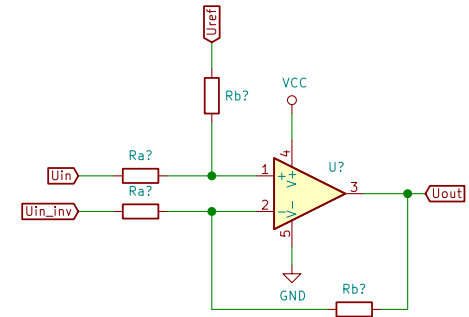
$$G = \frac{R_b}{R_a}$$

### 1.1.2 Single supply, inverting



$$G = 1 + \frac{R_b}{R_a}$$

### 1.1.3 Single supply, differential



$$G = 2 \frac{R_b}{R_a}$$