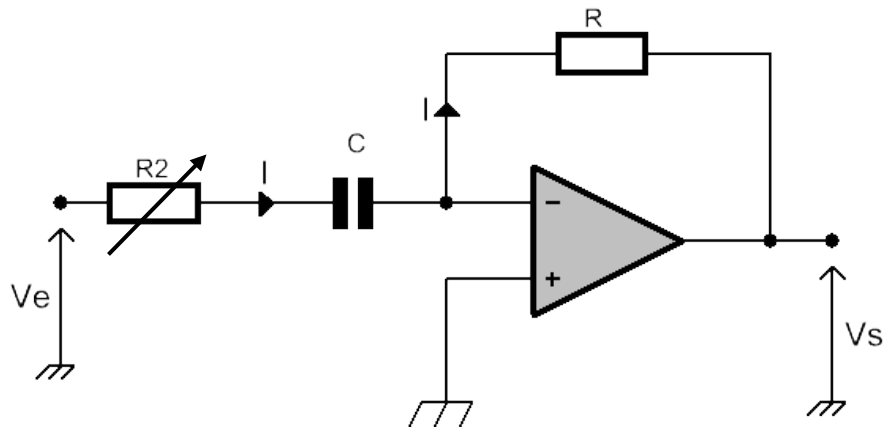


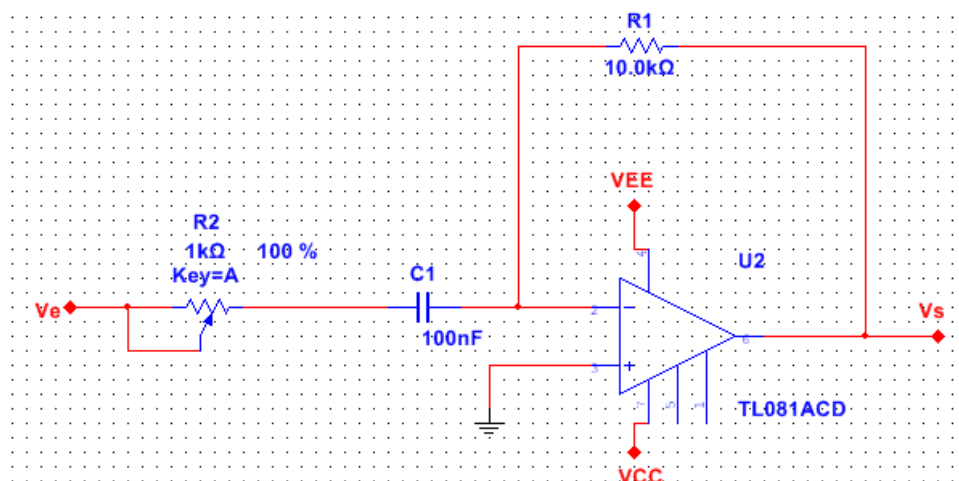
DÉRIVATEUR

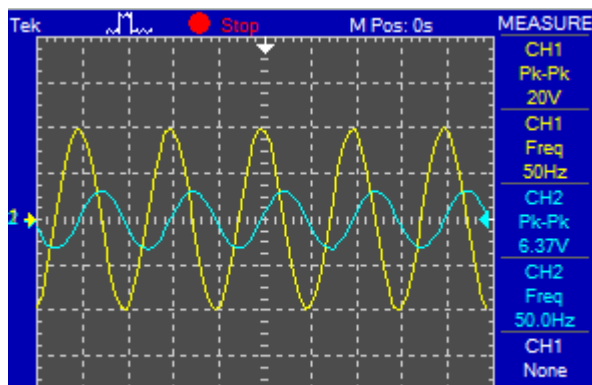
Schéma du circuit



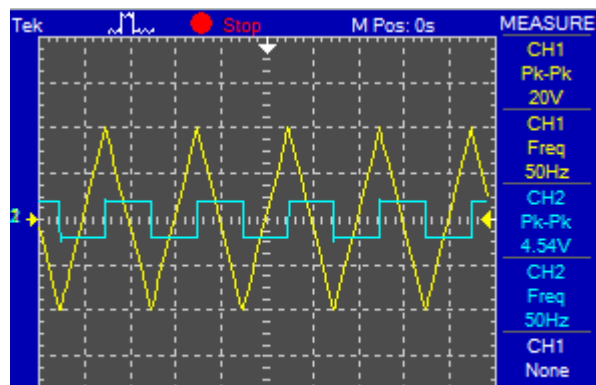
$$I = C \frac{dV_e}{dt} \quad V_s = -RI = -RC \frac{dV_e}{dt} \quad \frac{R_2}{R} < 10$$

Simulation



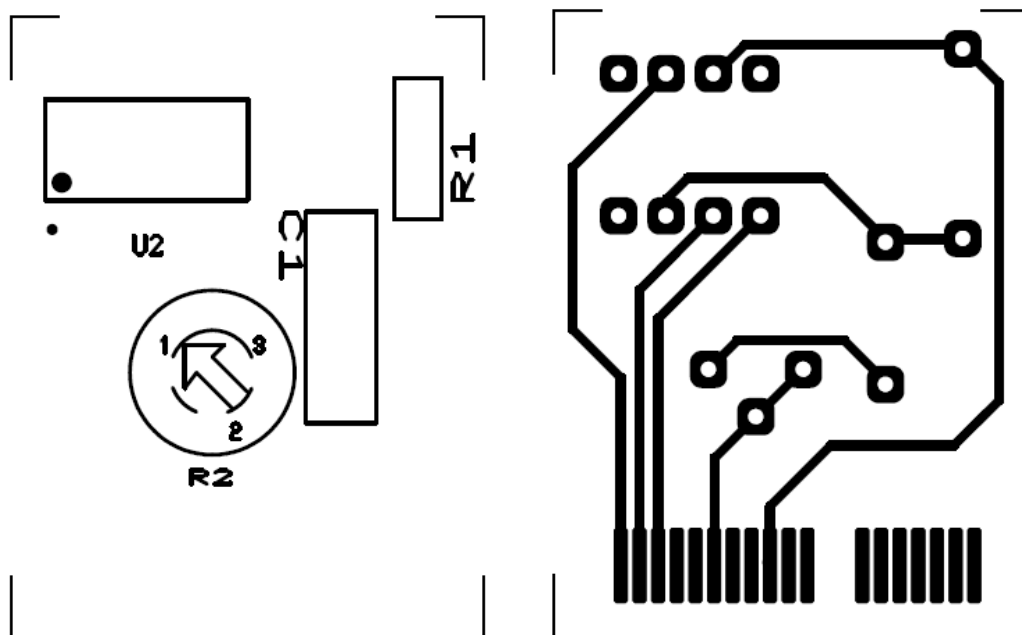


2. Dérivation d'un signal sinusoïdal



1. Dérivation d'un signal triangle

Plan PCB



Nomenclature des composants

Composant	Nom	Valeur	Code fournisseur RS
R1	Résistance	10k Ω	385-926
R2	Potentiomètre	1k Ω	167-4574
C1	Condensateur	100nF	537-3707
U1	AOP		709-2062