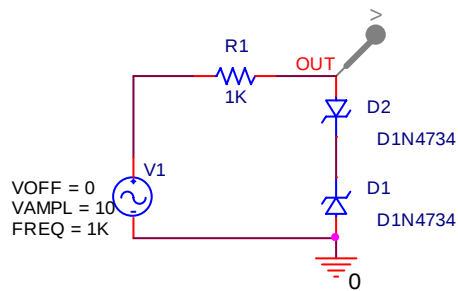
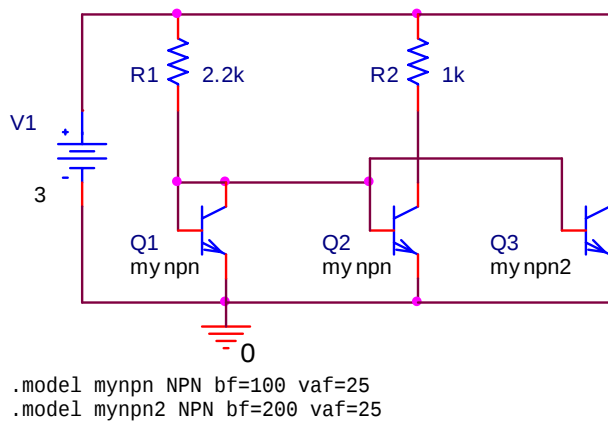


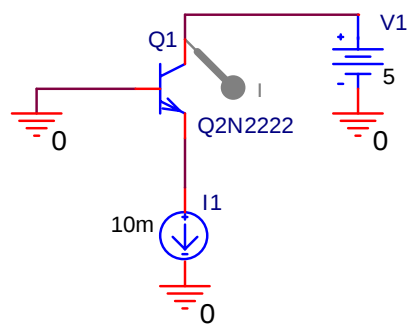
Uključivanje/isključivanje diode



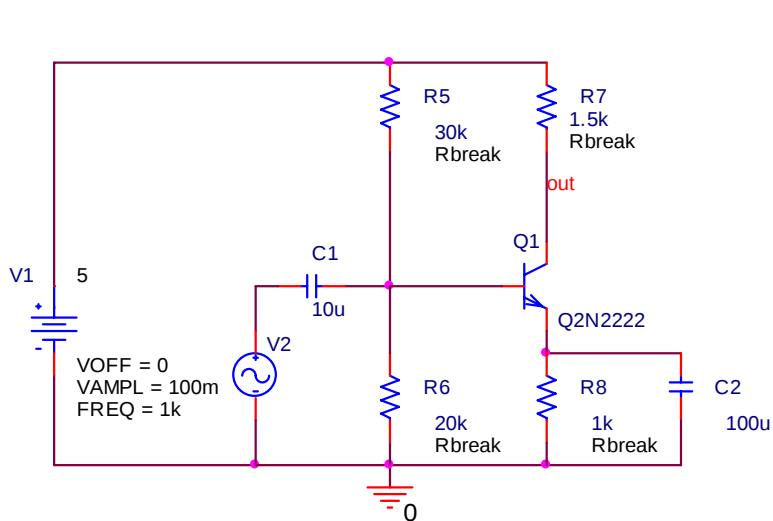
Diodni ograničavac



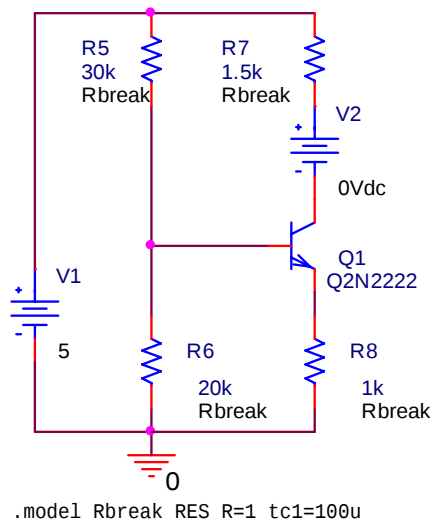
Strujno ogledalo



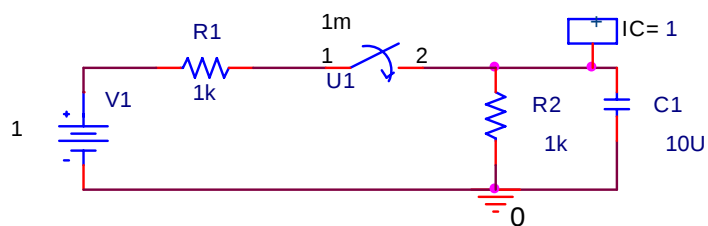
Zavisnost $\beta_{FDC} = f(I_E)$, T=parametar



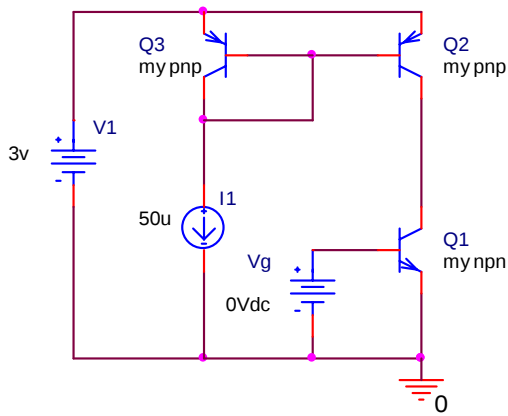
Pojacavac sa bipolarnim tranzistorima



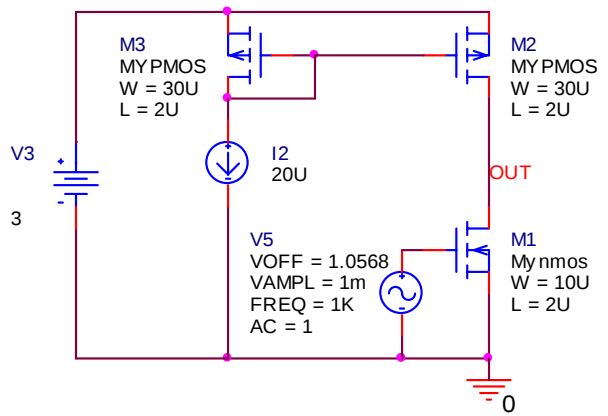
DC Sensitivity struje kolektora



Uticaj pocetnih uslova pri Transient analizi

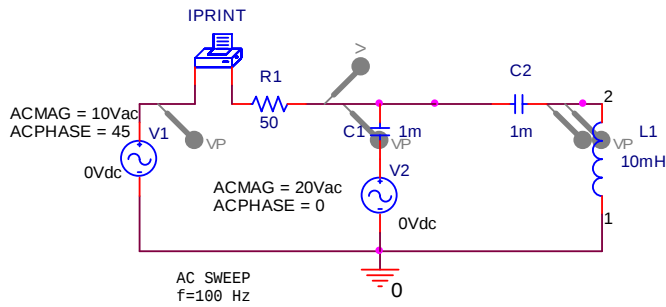


.model mynpn NPN is=6e-18 bf=100 vaf=35
.model mypnp PNP is=6e-18 bf=50 vaf=30

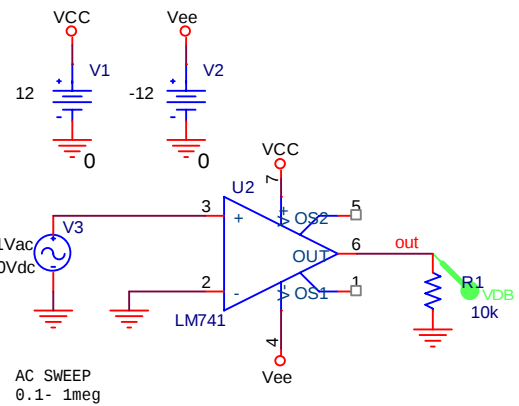


.model Mynmos NMOS VT0=0.8 KP=120U LAMBDA=0.01
.model MYPMOS PMOS VT0=-0.9 KP=40U LAMBDA=0.0125

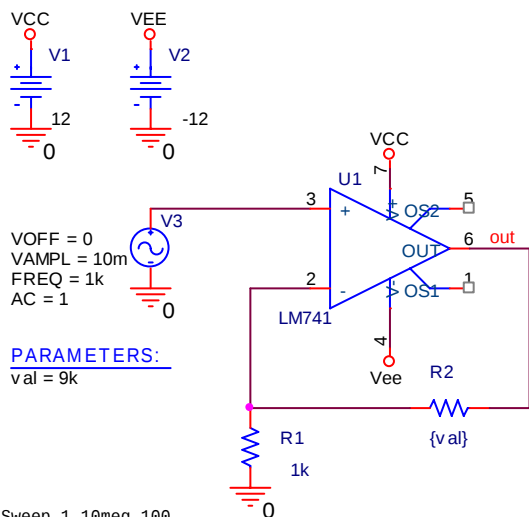
Integrirani pojacavaci – DC Sweep + Transfer Function



AC Sweep

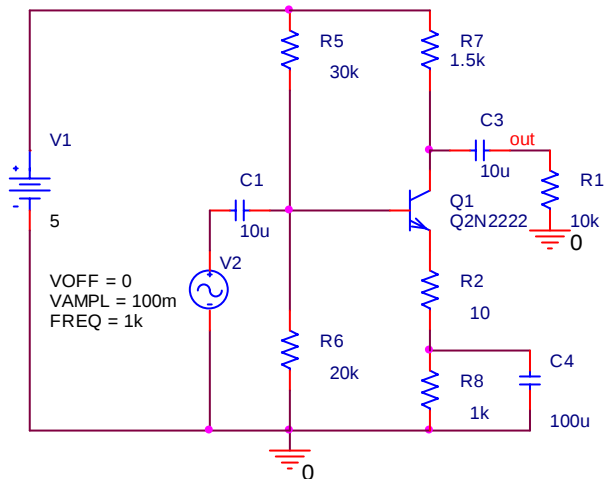


AC Sweep – Bode characteristics

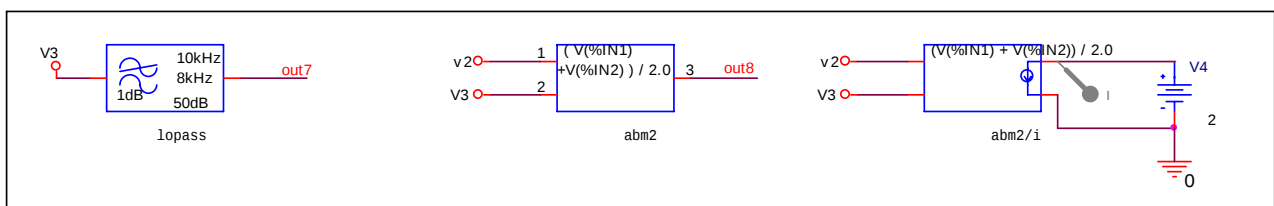
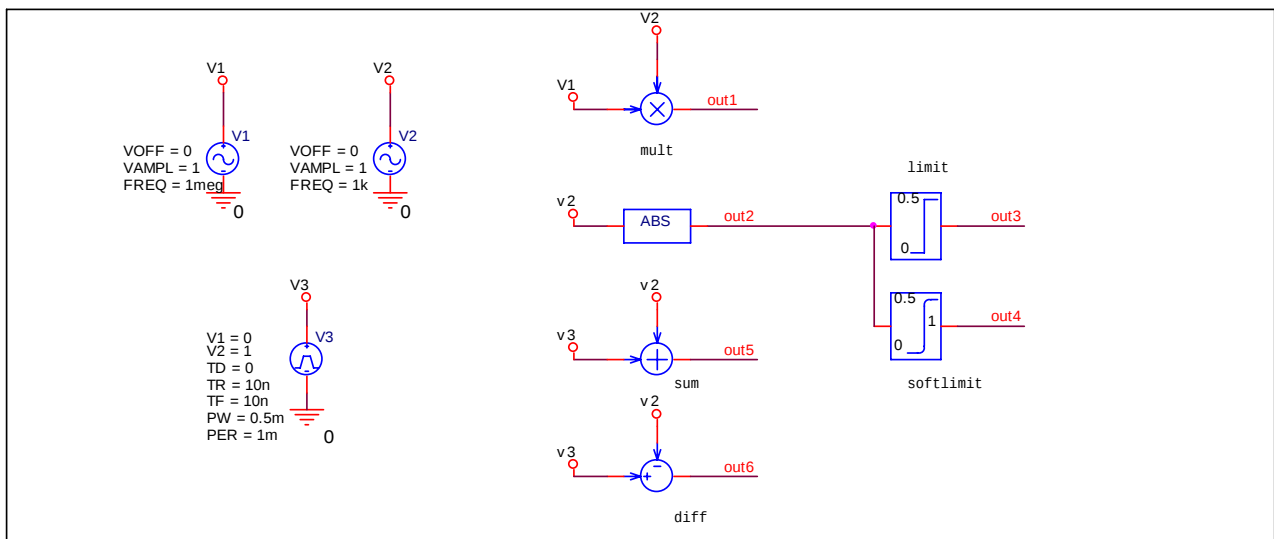


AC Sweep 1 10meg 100
Parametric Sweep Value List 1k 2k 5k 10k
Bode Plot dB - separate(V(OUT))

AC Sweep/Noise + Parametric Sweep



AC Sweep/Noise + Transient (THD)

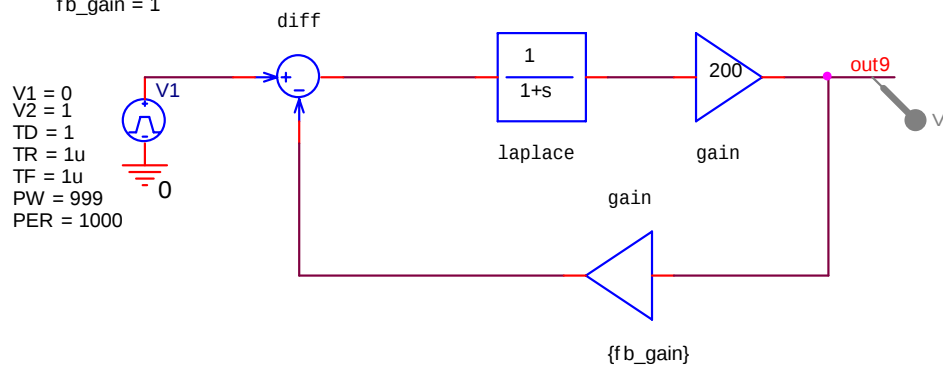


tran: 2m

Analog Behavioral Modeling

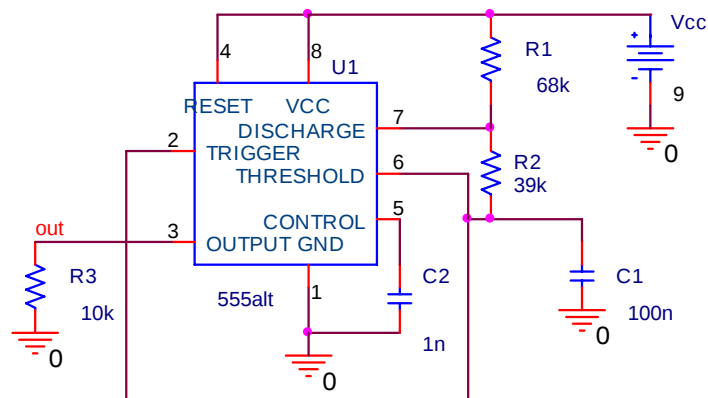
PARAMETERS:

fb_gain = 1



Tran 10

ABM – Modelovanje kola sa povratnom spregom – Feedback System



Kolo za generisanje vremenskih oblika - Timer (Tran 100m)