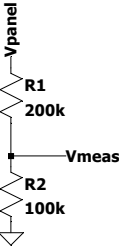
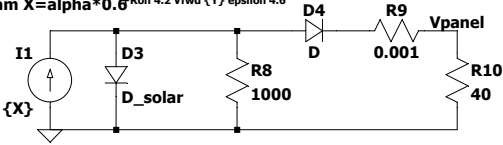
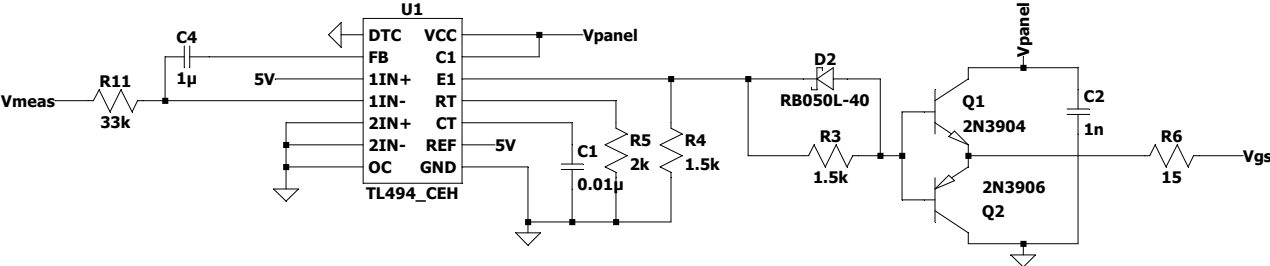


alpha=1 is a sunny day
alpha=0.5 is a cloudy day
Y is max power pt (depends on temperature and illumination)
.param Y=15
.param alpha=1
.MODEL D_solar d
.param X=alpha*0.6 Ron 4.2 Vfwd {Y} epsilon 4.6



.tran 0 1s 1ms startup

PWM Generation



Buck Converter

