

Figure 1: 1st stage amplification (100V/V)

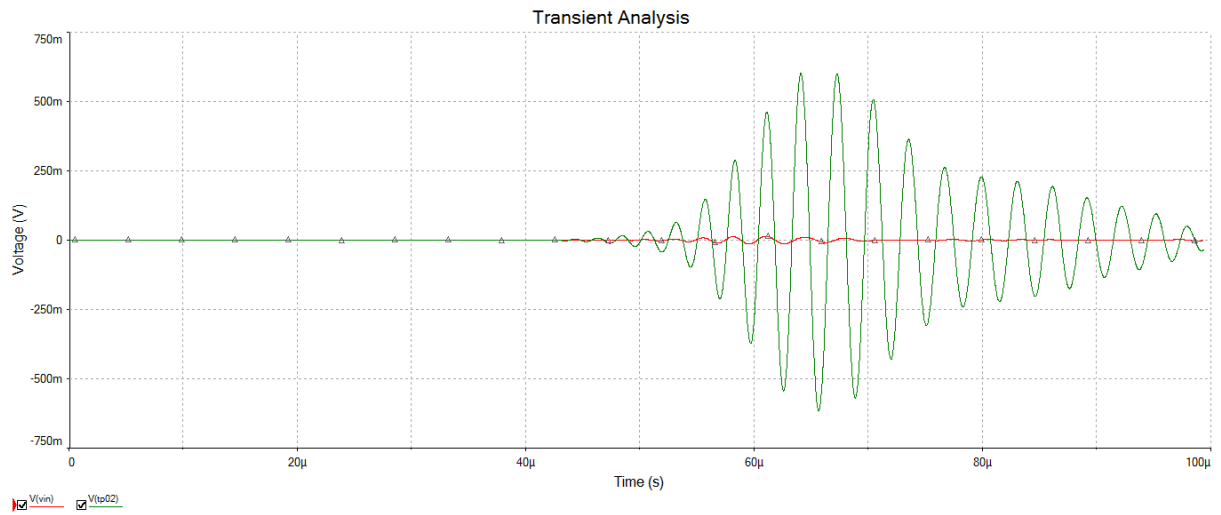


Figure 2: Band-pass filter (MFB) - $f_m=328\text{kHz}$, $Q=10$, $BW=32.8\text{kHz}$, $\text{Gain}=1\text{V/V}$

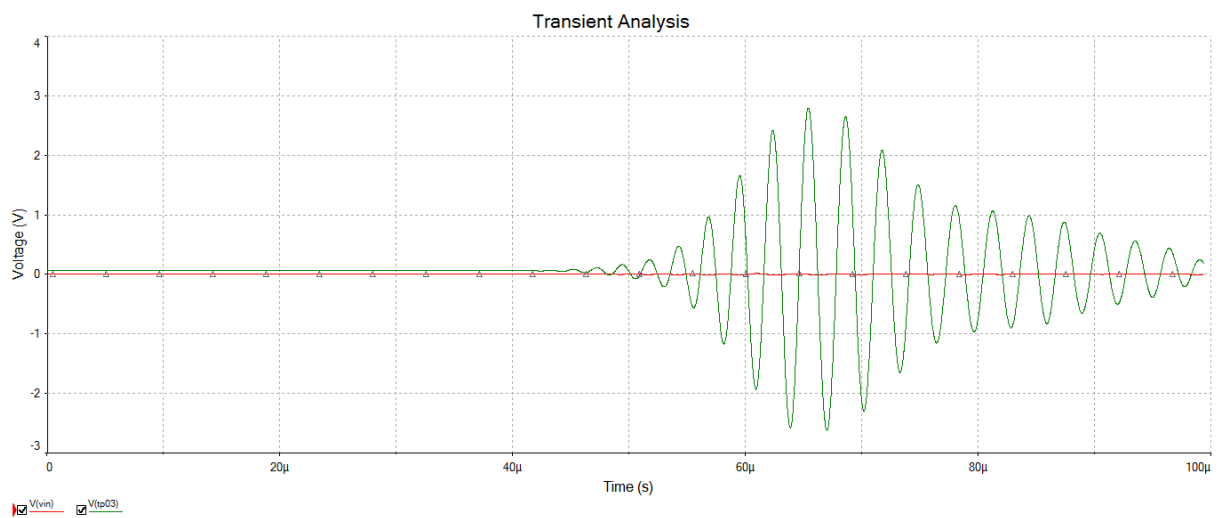


Figure 3: 2nd Stage amplification ($G=10V/V$)

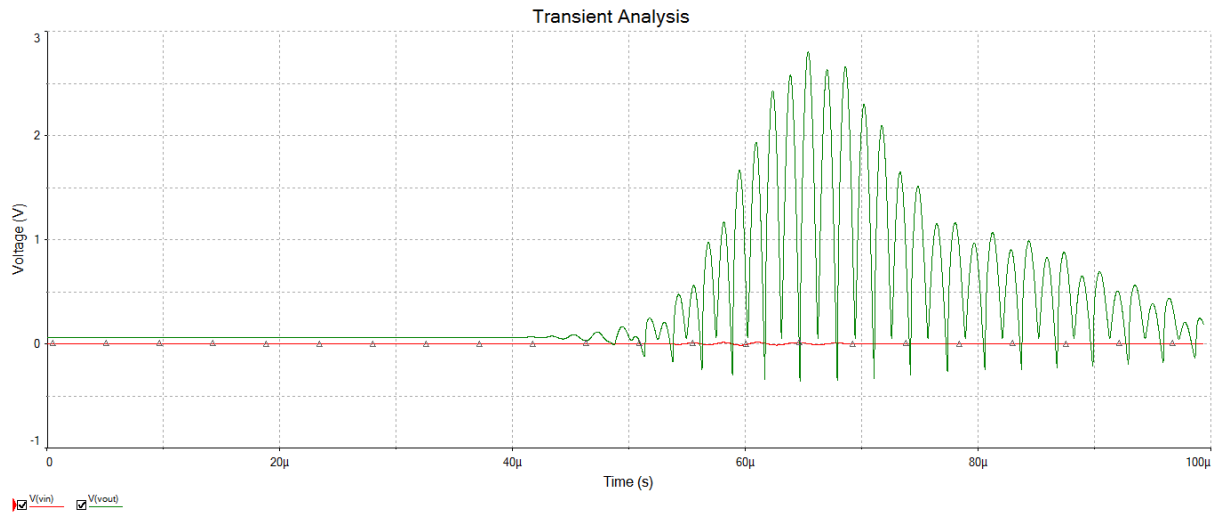


Figure 4: Precision full-wave rectifier