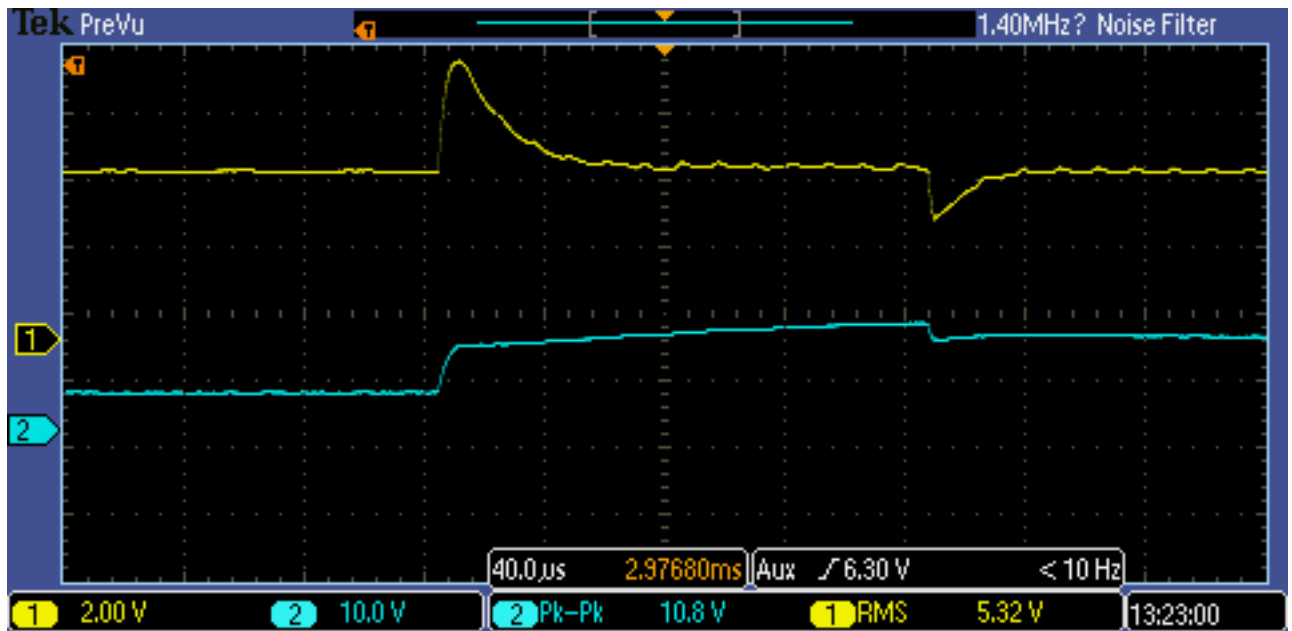
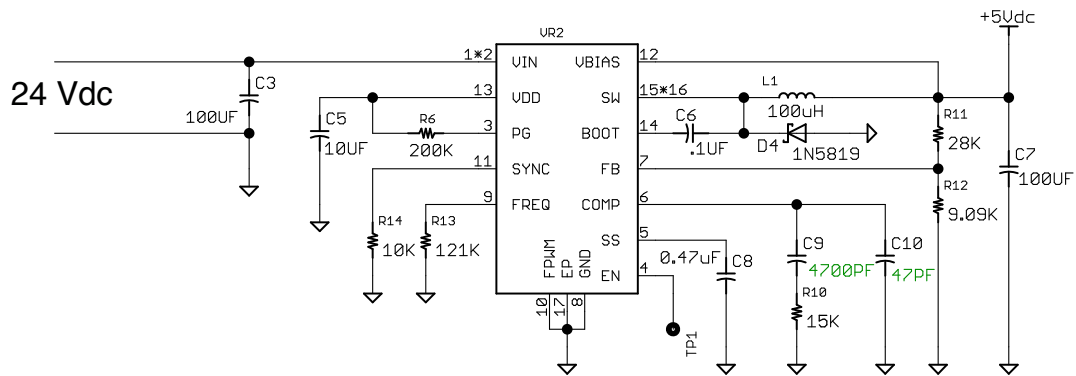




Yellow trace is the power supply output, and the green is 24v Input.
 At $T \approx 125\mu s$ the input has dropped to $\approx 5.8V$, and the output $\approx 3.9v$.
 As the 24v power is applied the output climbs to $\approx 8.4v$.