

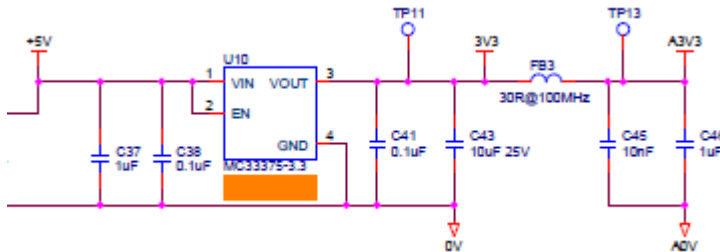


The voltage on the sense resistors is less than 0.2V with less than 2mV peak-peak noise. The outputs of U45B (TP42) and U46B (TP45) confirm these measurements.

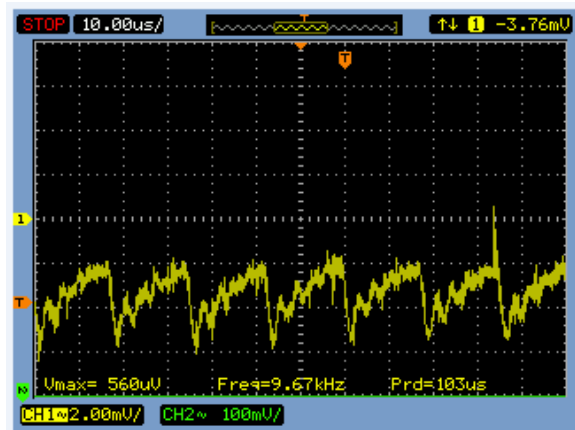
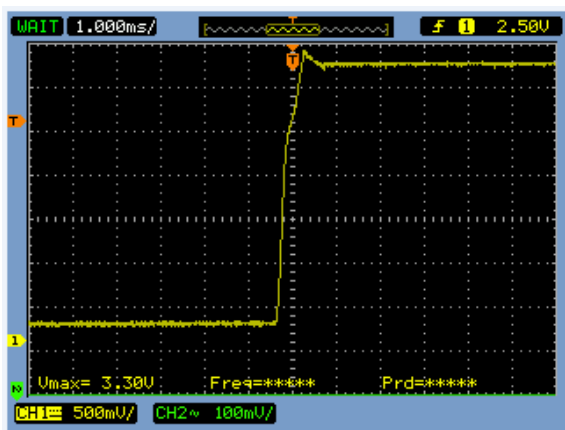
The oscillation is not always present after cycling the power to the board. Sometimes a single INA240 oscillates, sometimes both do and sometimes neither do.

When the oscillation is not present, the output of the INA240 is within specification and the circuit performance is excellent.

The A3V3 power supply circuit is shown below



The A3V3 start up and ripple measured at a INA240 are shown below.



I have searched the TI support forum and it seems that other users have experienced problems after cycling the power to the INA240.

Can you please help in resolving this issue

Regards

Robert Wilde