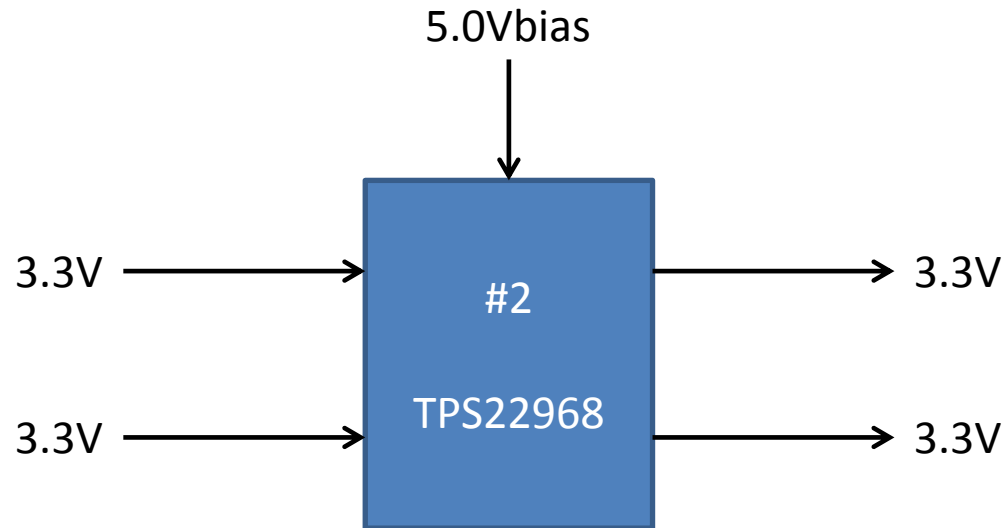
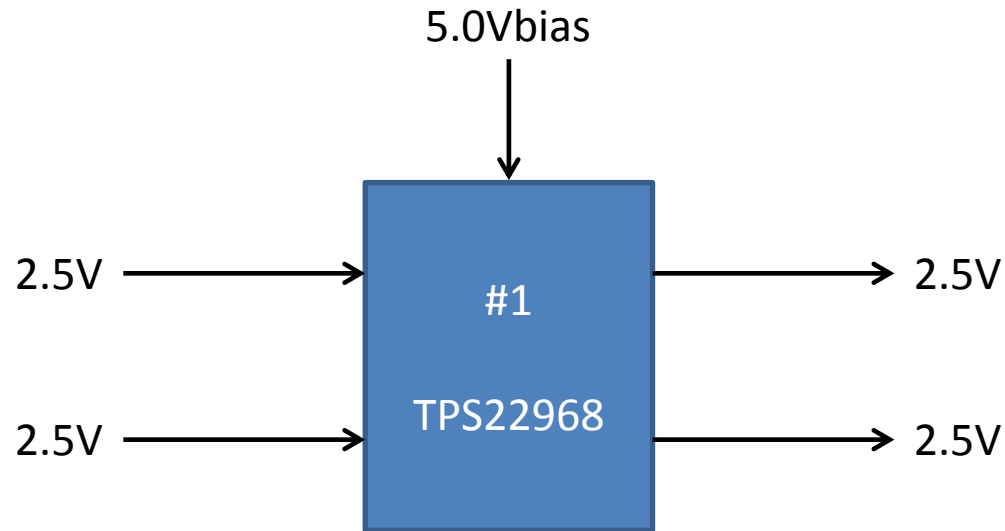
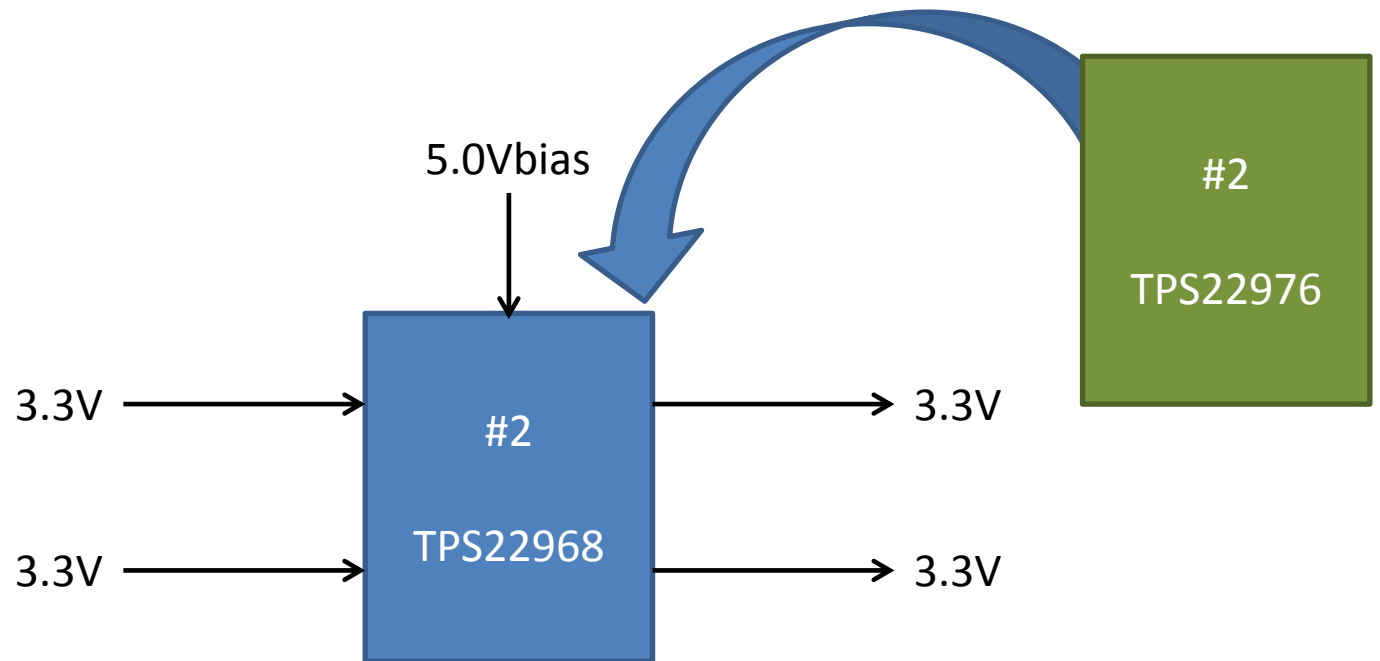
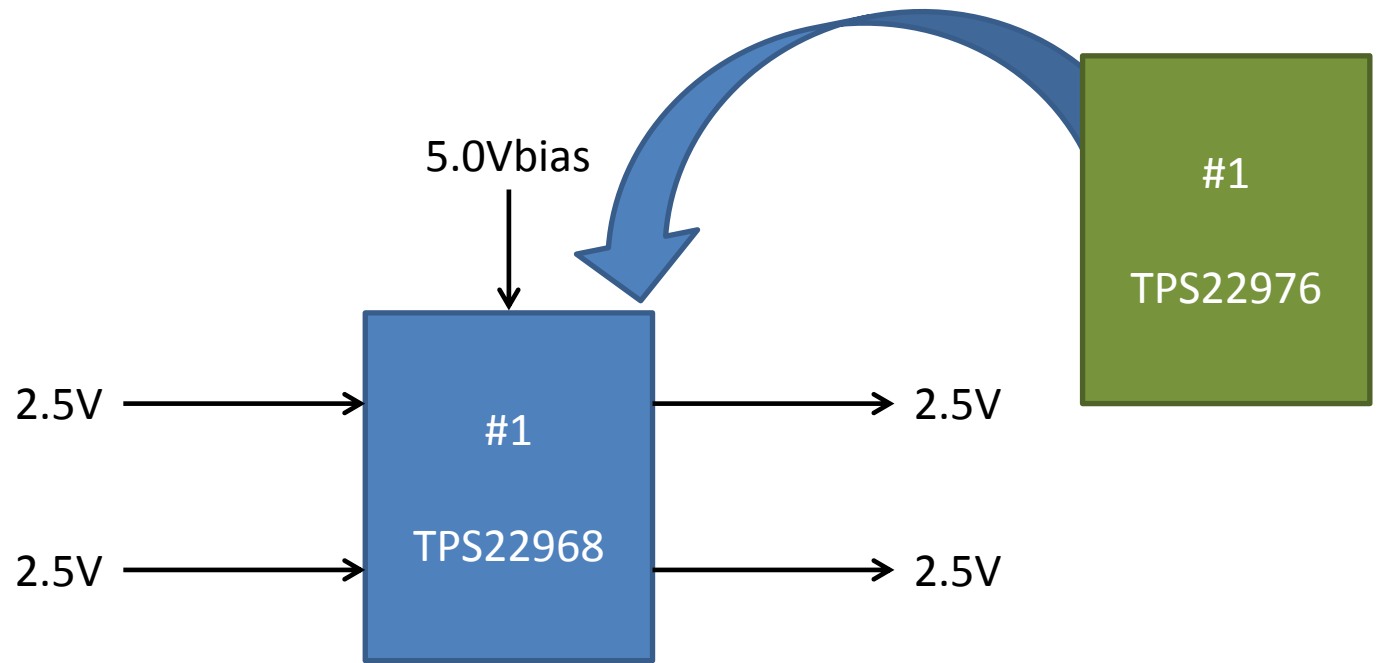


Before we changed two TPS22968 ICs on the board all voltage levels were fine. However, the current level TPS22968 provide is not enough for our board. So, we need to replace them with an IC that can supply more current. So, we chose TPS22976. However, we experienced weird problems after changing the load switches we are using.





Normally, input must be 2.5V because we did not change anything on 2.5V voltage generator. However, it jumped to 3.4V level with IC change. Also, output jumped to 4.1V level with IC change. Before, it was 2.5V as expected.

Normally, input must be 3.3V and it is correct. However, output jumped to 3.8V level with IC change. Before, it was 3.3V as expected.

We only changed two TPS22968 ICs on the board. All other components are same. So, these voltage changes are abnormal and we have to solve this issue. The load switch increase the voltage level at output pins.

