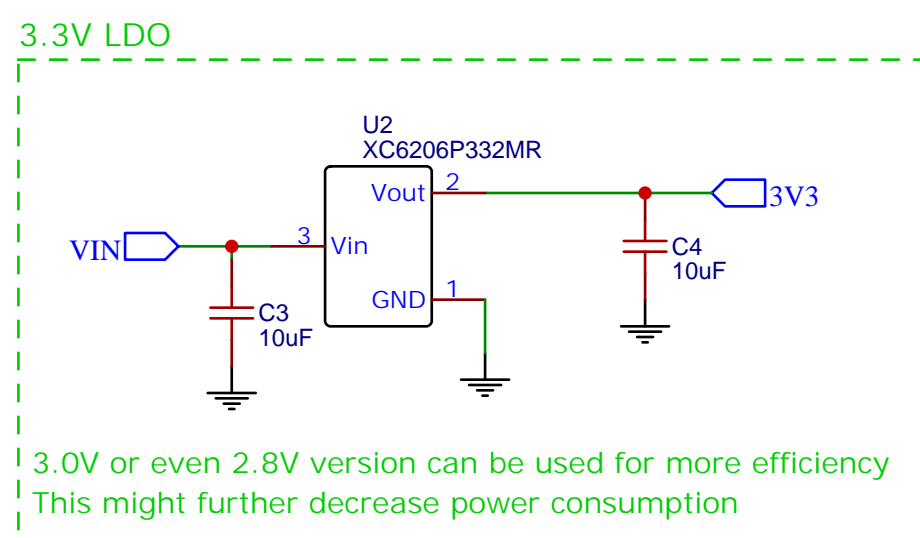


Use BOOT1 for led indication as well!!



3.0V or even 2.8V version can be used for more efficiency
This might further decrease power consumption

