1. Not able to understand how AM335x Processor generates PMIC\_PWR\_EN signal for enabling TPS65910.Because to generate PMIC\_PWR\_EN signal first AM335x needs to have 3.3V supply and this 3.3V supply comes from PMIC TPS65910.
2. There is push button to PWRON pin of TPS65910 to switch it on externally. Does push button is necessary or we can drive it using other way eg. by pulling it to ground continuously.
3. Does not understand INT1 and SLEEP pins functions.
4. We don’t want to use 5V boost converter then can we left these pins NC.
5. TPS65910 gives power on reset to AM335x. Is it sufficient or do we need any external RESET circuit .
6. If 1.8V and 3.3V power is not sufficient for our application which is provided by PMIC TPS65910 then can we use additional 1.8V and 3.3V LDOs. In this case how power sequencing care will be taken by PMIC.
7. As per our understanding TPS65910 has E2PROM which is factory programmed.

It gives default voltages when power ON. If we want to change / configure voltage rails then we can change /configure using CTL-I2C. is it right?

Does SR-I2C is needed only when we need to change processor core voltage?