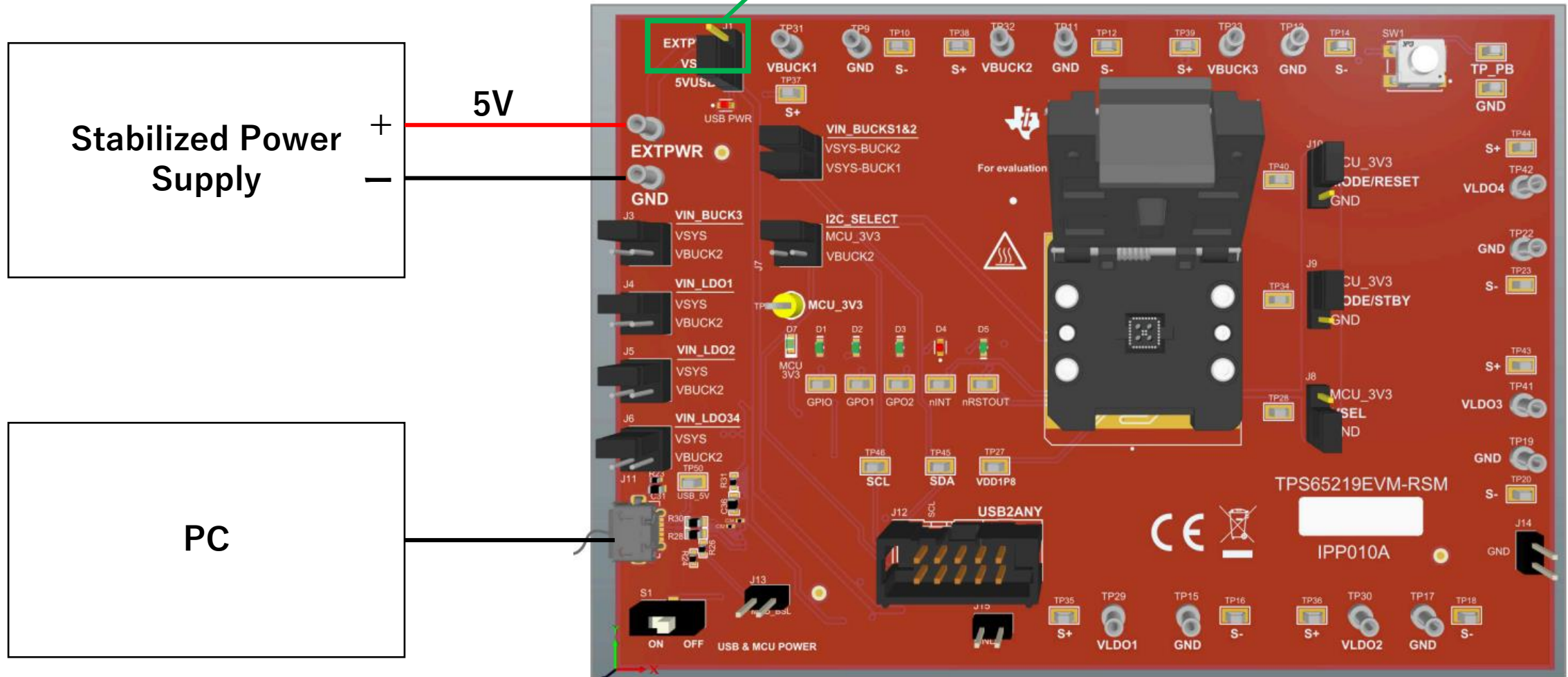


Connection Method

J1's EXTPW and VSYS are shorted.
The other jumper pins are the same as in the image.



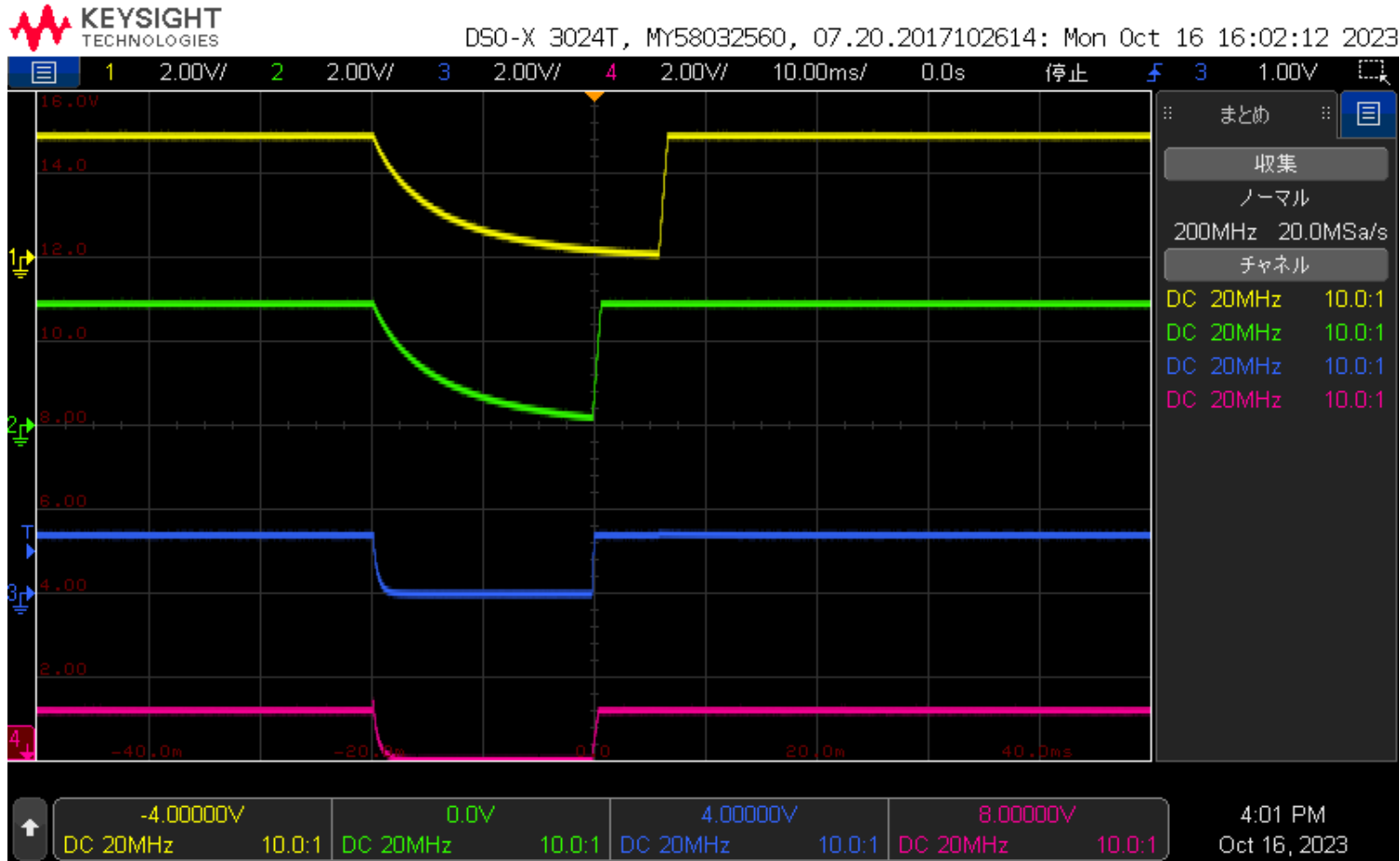
GUI Power Resources

	PMIC Status	Power Resources	Digital Pins Configuration	Power-Up Sequence	Power-Down Sequence	Ma
BUCKS	Bucks Switching Mode Switching Mode: <input type="text" value="Quasi-fixed frequency"/> Note: Default Switching Mode configuration should not be changed. Spread Spectrum: <input type="text" value="Disabled"/> Note: Spread Spectrum setting has no effect when Bucks configured for quasi-fixed frequency		Buck1 Buck1_EN: <input type="text" value="Enabled in Active state"/> BUCK1_STBY_EN: <input type="text" value="Disabled in Standby stat"/> Output Voltage: <input type="text" value="3.000V"/> UV monitor: <input type="text" value="-5% UV"/> Bandwidth: <input type="text" value="low bandwidth"/>	Buck2 Buck2_EN: <input type="text" value="Enabled in Active state"/> BUCK2_STBY_EN: <input type="text" value="Disabled in Standby stat"/> Output Voltage: <input type="text" value="3.000V"/> UV monitor: <input type="text" value="-5% UV"/> Bandwidth: <input type="text" value="low bandwidth"/> Phase Config: <input type="text" value="0 degrees"/>	Buck3 Buck3_EN: <input type="text" value="Disabled in Active state"/> BUCK3_STBY_EN: <input type="text" value="Disabled in Standby stat"/> Output Voltage: <input type="text" value="0.600V"/> UV monitor: <input type="text" value="-5% UV"/> Bandwidth: <input type="text" value="high bandwidth"/> Phase Config: <input type="text" value="0 degrees"/>	
	LDOs	LDO1 LDO1_EN: <input type="text" value="Enabled in Active state"/> LDO1_STBY_EN: <input type="text" value="Disabled in Standby stat"/> Output Voltage: <input type="text" value="1.400V"/> UV monitor: <input type="text" value="-5% UV"/> LDO1_LSW_CONFIG: <input type="text" value="0 - LDO1 NOT configured as Load-Switch"/> LDO1_BYP_CONFIG: <input type="text" value="0 - LDO1 configured as LDO"/>	LDO2 LDO2_EN: <input type="text" value="Enabled in Active state"/> LDO2_STBY_EN: <input type="text" value="Disabled in Standby stat"/> Output Voltage: <input type="text" value="2.050V"/> UV monitor: <input type="text" value="-5% UV"/> LDO2_LSW_CONFIG: <input type="text" value="0 - LDO2 NOT configured as Load-Switch"/> LDO2_BYP_CONFIG: <input type="text" value="0 - LDO2 configured as LDO"/>	LDO3 LDO3_EN: <input type="text" value="Enabled in Active state"/> LDO3_STBY_EN: <input type="text" value="Disabled in Standby stat"/> Output Voltage: <input type="text" value="1.200V"/> UV monitor: <input type="text" value="-5% UV"/> Configuration: <input type="text" value="LDO Mode"/> Power-Up Ramp: <input type="text" value="Slow ramp"/>	LDO4 LDO4_EN: <input type="text" value="Disabled in Active state"/> LDO4_STBY_EN: <input type="text" value="Disabled in Standby stat"/> Output Voltage: <input type="text" value="1.200V"/> UV monitor: <input type="text" value="-5% UV"/> Configuration: <input type="text" value="LDO Mode"/> Power-Up Ramp: <input type="text" value="Slow ramp"/>	

Reference for LDO1 and LDO2 Configuration


I tried to change the "Output Voltage" value for LDO3, but output voltage didn't change. For Buck1/2 and LDO1/2, the output voltage changed when the "Output Voltage" value was changed.

Waveform



When I change the “Output Voltage” value of LDO3 in the “Power Resources” tab of the GUI, each output voltage now resembles a waveform.
For your information.

GUI PMIC Status

 Configuration - NVM fields

READ ALL REGISTERS Note: Changing the value in a dropdown menu will cause an immediate I2C write to the associated register unless immediate write setting is changed on Register Map page.

PMIC Status	Power Resources	Digital Pins Configuration	Power-Up Sequence	Power-Down Sequence
<p>Device ID</p> <p>0 TI_DEVICE_ID</p> <p>0x5 NVM ID</p> <p>0x30 I2C_ADDRESS</p> <p>ACTIVE State</p>	<p>Enabled Rails (Active State)</p> <p>● BUCK1 ● LDO1 ● GPIO</p> <p>● BUCK2 ● LDO2 ● GPO1</p> <p>● BUCK3 ● LDO3 ● GPO2</p> <p>● LDO4</p>	<p>BUCK1 Interrupts</p> <p>● BUCK1 Under Voltage</p> <p>● BUCK1 overcurrent (Positive)</p> <p>● BUCK1 overcurrent (Negative)</p> <p>● BUCK1 Short Circuit to GND</p> <p>● BUCK1 Residual Voltage</p> <p>● BUCK1 RV shutdown</p>	<p>BUCK2 Interrupts</p> <p>● BUCK2 Under Voltage</p> <p>● BUCK2 overcurrent (Positive)</p> <p>● BUCK2 overcurrent (Negative)</p> <p>● BUCK2 Short Circuit to GND</p> <p>● BUCK2 Residual Voltage</p> <p>● BUCK2 RV shutdown</p>	<p>BUCK3 Interrupts</p> <p>● BUCK3 Under Voltage</p> <p>● BUCK3 overcurrent (Positive)</p> <p>● BUCK3 overcurrent (Negative)</p> <p>● BUCK3 Short Circuit to GND</p> <p>● BUCK3 Residual Voltage</p> <p>● BUCK3 RV shutdown</p>
<p>LDO1 Interrupts</p> <p>● LDO1 Under Voltage</p> <p>● LDO1 overcurrent</p> <p>● LDO1 Short Circuit to GND</p> <p>● LDO1 Residual Voltage</p> <p>● LDO1 RV shutdown</p>	<p>LDO2 Interrupts</p> <p>● LDO2 Under Voltage</p> <p>● LDO2 overcurrent</p> <p>● LDO2 Short Circuit to GND</p> <p>● LDO2 Residual Voltage</p> <p>● LDO2 RV shutdown</p>	<p>LDO3 Interrupts</p> <p>● LDO3 Under Voltage</p> <p>● LDO3 overcurrent</p> <p>● LDO3 Short Circuit to GND</p> <p>● LDO3 Residual Voltage</p> <p>● LDO3 RV shutdown</p>	<p>LDO4 Interrupts</p> <p>● LDO4 Under Voltage</p> <p>● LDO4 overcurrent</p> <p>● LDO4 Short Circuit to GND</p> <p>● LDO4 Residual Voltage</p> <p>● LDO4 RV shutdown</p>	<p>Temperature Interrupts</p> <p>● Sensor 0 Warm ● Sensor 0 Hot</p> <p>● Sensor 1 Warm ● Sensor 1 Hot</p> <p>● Sensor 2 Warm ● Sensor 2 Hot</p> <p>● Sensor 3 Warm ● Sensor 3 Hot</p>

After attempting to change the "Output Voltage" value of LDO3, the Status is as shown in the image.
The LDO3 Under Voltage is lit.