

TPS6591x EVM GUI

File Script Debug Help

Pages

- GPIO Controls
- I2C Communication

Update Mode: **Immediat**

Register Name	Address	Default	Mode	Size	Value	7	6	5	4	3	2	1	0
DVS													
SMPS1_FORCE	0x22	0x80	R/W	8	0x80	1	0	0	0	0	0	0	0
SMPS1_VOLTAGE	0x23	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
SMPS2_FORCE	0x26	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
SMPS2_VOLTAGE	0x27	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
SMPS3_FORCE	0x2E	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
SMPS3_VOLTAGE	0x2F	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
POWER													
BACKUP0	0x118	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
BACKUP1	0x119												
BACKUP2	0x11A												
BACKUP3	0x11B												
BACKUP4	0x11C												
BACKUP5	0x11D												
BACKUP6	0x11E												
BACKUP7	0x11F												
SMPS1_CTRL	0x120												
SMPS1_FORCE	0x122												
SMPS1_VOLTAGE	0x123												
SMPS2_CTRL	0x124												
SMPS2_FORCE	0x126												
SMPS2_VOLTAGE	0x127												
SMPS3_CTRL	0x12C	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
SMPS3_FORCE	0x12E	0x80	R/W	8	0x80	1	0	0	0	0	0	0	0
SMPS3_VOLTAGE	0x12F	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
SMPS4_CTRL	0x130	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
SMPS4_VOLTAGE	0x133	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
SMPS5_CTRL	0x138	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0
SMPS5_VOLTAGE	0x13B	0x00	R/W	8	0x00	0	0	0	0	0	0	0	0

Field View

VSEL(6:0)	0
CMD	1

Address Not Acknowledged

Address Not Acknowledged

The I2C address was not acknowledged.
Check that the device is on (J26 is shorted high) and RESET_OUT is high.

Ok

Register Description

Idle

HARDWARE CONNECTED TEXAS INSTRUMENTS