mDOM\_mb\_3, #29, Test Log

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mainboard-ID | HH-ZE-ID | ICM\_4-Nr. | ICM-ID | mDAB\_2-Nr. | STF | HV-ctrl | remarks |
| 480000006732f942 | 13128-01  29 | 0577 | f5000030c32b552d | 49 | passed | passed | Afx-R5 = 470 1% instead of 0.1%, x= 0..23  Accelerometer S1 locally heated until 80°C (internal), no issues observed,  see below |

Slow ADC readout, after STF:

In [3]: print(session.sloAdcReadAll())

channel 0 P5V\_IMON 1512.8 mA

channel 1 P3V3A\_IMON 321.49 mA

channel 2 P1V8\_IMON 1178.1 mA

channel 3 P1V8A\_IMON 821.04 mA

channel 4 P1V35\_IMON 315.98 mA

channel 5 P1V0\_IMON 720.63 mA

channel 6 HVVDDSW\_IMON 1.9035 mA

channel 7 HVVDDU\_IMON 2.1515 mA

channel 8 P5V\_CAL\_IMON 3.0403 mA

channel 9 P3V3\_CAL\_IMON 7.5798 mA

channel 10 P1V8\_CAL\_IMON 2.3804 mA

channel 11 P5V\_VMON 4.968 V

channel 12 P3V3\_VMON 3.2886 V

channel 13 P1V8\_VMON 1.8198 V

channel 14 P1V35\_VMON 1.3373 V

channel 15 P1V0\_VMON 0.97828 V

Accelerometer test loop:

2023-02-08 11:26:08.897772 - Acceleometer: [0.0453174, 0.113313, 11.9634] - Accel. temp.: 79.6961 degC

2023-02-08 11:26:09.916432 - Acceleometer: [0.0717494, 0.151199, 12.2412] - Accel. temp.: 80.0276 degC

2023-02-08 11:26:10.935266 - Acceleometer: [0.155795, 0.161618, 12.0719] - Accel. temp.: 80.0276 degC

2023-02-08 11:26:11.954097 - Acceleometer: [0.156523, 0.161963, 11.8321] - Accel. temp.: 80.0276 degC

2023-02-08 11:26:12.972776 - Acceleometer: [0.160316, 0.168667, 10.7326] - Accel. temp.: 79.0331 degC