

Test Program Y:\nextest\f7.29.4.1\Bin\VoltageCal.exe

Loading Pe VCAL Data Calibrated on Thu Feb 27 08:43:26 2025 with release f7.29.4.1

Loading Dp VCAL Data Calibrated on Thu Feb 27 08:43:01 2025 with release f7.29.4.1

The test program is loaded [C:\nextest\f7.29.4.1|a130e37|using map type NC].

Reading Configuration File, c:\nextest\config.ini:

chassis 1 SET ZIF_DIAG_EN[0] 1 -> success

chassis 1 SET ZIF_DIAG_EN[1] 1 -> success

chassis 1 SET ZIF_DIAG_EN[2] 1 -> success

chassis 1 SET ZIF_DIAG_EN[3] 1 -> success

chassis 1 SET ZIF_DIAG_EN[4] 1 -> success

chassis 1 SET ZIF_DIAG_EN[5] 1 -> success

chassis 1 SET ZIF_DIAG_EN[6] 1 -> success

chassis 1 SET ZIF_DIAG_EN[7] 1 -> success

chassis 1 SET ZIF_DIAG_EN[8] 1 -> success

chassis 1 SET ZIF_DIAG_EN[9] 1 -> success

TestStarted(1)...

Started: Mon Mar 10 18:24:44 2025

Test Program Y:\nextest\f7.29.4.1\Bin\VoltageCal.exe

Collecting hardware information. This can take several seconds:

Collecting SPC data .

Collecting UCD data .

Collecting APB data .

Collecting RPT data .

Collecting UPT data .

Current Time is: Mon Mar 10 18:24:48 2025

- Site controller details -

Intel(R) Xeon(R) CPU E3-1275 v5 @ 3.60GHz, 15912MB total physical memory.

Windows Embedded Standard

7601.win7sp1_gdr.150202-1526

- Revision Codes for Boards -

*** Summary of board set for SA pn: 522408 rev: 7, Opt pn: 525419 ***

Site 1 (Chassis 1, Slot 1, Slice 1)

Board Name	PWB Number	PWA Number	PWA Rev	Misc Number	HSBEX Rev	RCM GBits	X GBits	Y MBits	D bits	bits	bits
HSB4DFE	1	14	64	(2)	0	(0)	64	(1)	24*	24*	36*
PE256D_1	4	8									
DP4FSER_1	1	3									
BIB	1	2									
APB	773457	519712	1	519710	6	Firmware Revision (DLP): 6.16.9 Firmware Revision (DLM): 1.8.1					
SPC	xxxxxx	xxxxxx	x	xxxxxx	x	Firmware Revision (DLP): 7.4.13 Firmware Revision (DLM): 1.8.0					

* NOTE: The ECR X, Y, D bits represent the maximum allowable configuration.

- Power Supply IDs -

	Assy Num	Assy Rev

- UCD9090 Device Revs -

Device	Model	Rev	Date
HSB_UCD9090_56D	HSB4_56D	3	140827
HSB_UCD9090_59D	HSB4_59D	3	140827
PE1_UCD9090_56D	PE256_56D	8	140626
PE1_UCD9090_95D	PE256_95D	1	130403
PE1_UCD9090_107D	PE256_107D	1	130403
DP1_UCD9090_59D	DP4_59D	2	160323

- Pin Electronics IDs -

Chip Type	Chip Num	Chip ID
PE (PE8-1)	U1	1
PE (PE8-1)	U5	1
PE (PE8-1)	U9	1
PE (PE8-1)	U13	1
PE (PE8-1)	U2	1
PE (PE8-1)	U6	1
PE (PE8-1)	U10	1

PE (PE8-1) U14 1

PE (PE8-1) U3 1

PE (PE8-1) U7 1

PE (PE8-1) U11 1

PE (PE8-1) U15 1

PE (PE8-1) U4 1

PE (PE8-1) U8 1

PE (PE8-1) U12 1

PE (PE8-1) U16 1

- Timing Generator IDs -

Chip Type	Chip Num	Chip ID
TG (Tango)	U33	4
TG (Tango)	U37	4
TG (Tango)	U41	4
TG (Tango)	U45	4
TG (Tango)	U34	4
TG (Tango)	U38	4
TG (Tango)	U42	4
TG (Tango)	U46	4

TG (Tango)	U35	4
TG (Tango)	U39	4
TG (Tango)	U43	4
TG (Tango)	U47	4
TG (Tango)	U36	4
TG (Tango)	U40	4
TG (Tango)	U44	4
TG (Tango)	U48	4

- DP Board device IDs -

Chip Type	Chip Num	Chip ID
DPS (AD5560)	U75	S4
DPS (AD5560)	U76	S4
DPS (AD5560)	U77	S4
DPS (AD5560)	U78	S4
DPS (AD5560)	U79	S4
DPS (AD5560)	U80	S4
DPS (AD5560)	U81	S4
DPS (AD5560)	U82	S4
DPS (AD5560)	U83	S4

DPS (AD5560) U84 S4

DPS (AD5560) U85 S4

DPS (AD5560) U86 S4

DPS (AD5560) U87 S4

DPS (AD5560) U88 S4

DPS (AD5560) U89 S4

DPS (AD5560) U90 S4

DPS (AD5560) U107 S4

DPS (AD5560) U108 S4

DPS (AD5560) U109 S4

DPS (AD5560) U110 S4

DPS (AD5560) U111 S4

DPS (AD5560) U112 S4

DPS (AD5560) U113 S4

DPS (AD5560) U114 S4

DPS (AD5560) U115 S4

DPS (AD5560) U116 S4

DPS (AD5560) U117 S4

DPS (AD5560) U118 S4

DPS (AD5560) U119 S4

DPS (AD5560) U120 S4

DPS (AD5560) U121 S4

DPS (AD5560) U122 S4

- HSB Temperatures -

Device	temp
HSB_AIR_IN	= 29
HSB_AIR_OUT	= 24
HSB_EX1_SNSR	= 37
HSB_EX1_DIODE	= 47
HSB_EX2_SNSR	= 35
HSB_EX2_DIODE	= 42
HSB_CPUI_SNSR	= 33
HSB_CPUI_DIODE	= 40

- PE Temperatures -

Device = temp	Device = temp	Device = temp	Device = temp
SL1_PE1 = 58	SL1_PE2 = 60	SL1_PE3 = 59	SL1_PE4 = 58
SL1_PE5 = 60	SL1_PE6 = 61	SL1_PE7 = 60	SL1_PE8 = 58
SL1_PE9 = 61	SL1_PE10 = 63	SL1_PE11 = 63	SL1_PE12 = 60
SL1_PE13 = 60	SL1_PE14 = 61	SL1_PE15 = 61	SL1_PE16 = 60

Device = temp Device = temp Device = temp Device = temp

SL1_TANGO1 = 52 SL1_TANGO2 = 45 SL1_TANGO3 = 51 SL1_TANGO4 = 47

SL1_TANGO5 = 54 SL1_TANGO6 = 53 SL1_TANGO7 = 52 SL1_TANGO8 = 55

SL1_TANGO9 = 54 SL1_TANGO10 = 53 SL1_TANGO11 = 49 SL1_TANGO12 = 49

SL1_TANGO13 = 53 SL1_TANGO14 = 49 SL1_TANGO15 = 58 SL1_TANGO16 = 51

Device temp

LIQ_IN = 46

LIQ_OUT = 35

AIR_BOTCTR = 50

AIR_LO = 33

AIR_HI = 32

PG1_SNSR = 32

PG1_DIODE = 34

PG2_SNSR = 32

PG2_DIODE = 34

- DP Temperatures -

Device = temp Device = temp Device = temp Device = temp

SL1_DPSA1 = 31 SL1_DPSA1X = 32 SL1_DPSA2 = 32 SL1_DPSA2X = 32

SL1_DPSA3 = 32 SL1_DPSA3X = 32 SL1_DPSA4 = 32 SL1_DPSA4X = 32

SL1_DPSA5 = 31 SL1_DPSA5X = 31 SL1_DPSA6 = 32 SL1_DPSA6X = 31

SL1_DPSA7 = 31 SL1_DPSA7X = 32 SL1_DPSA8 = 32 SL1_DPSA8X = 31

SL1_DPSB1 = 32 SL1_DPSB1X = 31 SL1_DPSB2 = 32 SL1_DPSB2X = 32

SL1_DPSB3 = 34 SL1_DPSB3X = 33 SL1_DPSB4 = 33 SL1_DPSB4X = 32

SL1_DPSB5 = 31 SL1_DPSB5X = 31 SL1_DPSB6 = 31 SL1_DPSB6X = 30

SL1_DPSB7 = 31 SL1_DPSB7X = 31 SL1_DPSB8 = 31 SL1_DPSB8X = 31

Device temp

AIR_TOPCTR = 29

AIR_ADT7461 = 30

- HSB Voltages -

Device = Volts Device = Volts Device = Volts Device = Volts

V0P75 = 0.751 V0P85_CPUI = 0.850 V1P0 = 1.003 V1P5 = 1.505

V1P5_DIMM_G1 = 1.614 V1P5_DIMM_G2 = 1.611 V3P3 = 3.313 V2P5_EX1 = 2.503

V2P5_EX2 = 2.495 V2P5_CPUI = 2.500 V3P3_CTRL = 3.308 V5P_CTRL = 5.022

V5P_CTRL_SB = 5.001 V5P_AUX = 5.173 V12P_CTRL = 12.006 V3P0_EX1 = 2.997

V3P0_EX2 = 2.998 V3P0_CPUI = 2.998 V0P9_EX1 = 0.902 V0P9_EX2 = 0.903

SPC_AGND = -0.001 V4P096_REF = 4.098 V12P_HSB = 11.987 V12P_HSK = 11.914

V12P_AUX = 11.963 V12P_SPC_OR = 11.669 SPC_V5P = 5.040 SPC_V5PF = 6.023

SPC_V4P_RAW = 3.801 SPC_V4P = 3.783 SPC_V16P5 = 16.506 SPC_V8M5 = -8.531

IPS_ISHARE = 1.162 V3P3_UCD = 3.304 V3P3_CTRL_SB = 3.285

- PE Voltages -

Device = Volts Device = Volts Device = Volts Device = Volts

V7P6_SL1 = 7.599 V7P6_SL2 = 7.601 V4M35_SL1 = -4.350 V4M35_SL2 = -4.352

V1P15_SL1-1 = 1.313 V1P15_SL1-2 = 1.311 V1P15_SL2-1 = 1.312 V1P15_SL2-2 = 1.312

V1P2A_SL1 = 1.201 V1P2A_SL2 = 1.202 V0P85_SL1 = 0.900 V0P85_SL2 = 0.901

V0P75_TG = 0.749 V0P75 = 0.751 V1P5_TG = 1.502 V1P5_SL1 = 1.501

V1P5_SL2 = 1.501 V1P8 = 1.807 V2P5_PE = 2.501 V2P5 = 2.503

V3P3 = 3.303 V3P0 = 3.002 V11P5 = 11.516 V17P5 = 17.465

V1P0_SL1 = 0.999 V1P0_SL2 = 0.995 SPC_V3P3 = 3.268

- DP Voltages -

Device = Volts Device = Volts Device = Volts Device = Volts

V7M75 = -10.009 V4M5 = -4.504 V1P2 = 1.200 V1P5 = 1.499

V2P5 = 2.501 V3P3 = 3.297 V15P0 = 16.752 V32P0 = 31.975

- Revision Codes for Memory Modules -

Module Name	DIMM Function	Base Number	PGM Number	PGM Rev	Misc GBits	RCM MBits	HSBEX GBits
PE1-DIMM-1 (J14)	ECR (0x3)	516726	519245	1		32	
PE1-DIMM-2 (J15)	ECR (0x3)	516726	519245	1		32	
PE1-RCM (J12)		514846	519637	3		64	

- Vendor Information for Standard DIMM Memory Modules -

Module Name	Dimm Vendor	Dimm Part Number	Dimm Rev	Dimm Date	Dram Vendor	Dram Rev
PE1-DIMM-1 (J14)	N/A	WD3CE84G16NISF-NXT	1	1720	N/A	N/A
PE1-DIMM-2 (J15)	N/A	WD3CE84G16NISF-NXT	1	1720	N/A	N/A
PE1-RCM (J12)	NEXTEST	519637	3	N/A	N/A	N/A

- Revision Codes for FPGAs -

FPGA Name	SW Rev	HW Rev
CPUI Fpga	0x1	0x15
HD4 PG Fpga	0x2	0xd
HD4 PG Fpga	0x2	0xd
HD4 PG Fpga	0x2	0xd
HD4 PG Fpga	0x2	0xd
HD4 DP Fpga	0x1	0x21
HD4 DP Fpga	0x1	0x21
HD4 DP Fpga	0x1	0x21
HD4 DP Fpga	0x1	0x21
HD4 ECR-EX FPGA	0x1	0x12
HD4 ECR-EX FPGA	0x1	0x12
HD4 ECR-EX FPGA	0x1	0x12
HD4 ECR-EX FPGA	0x1	0x12

Nextest software release: C:\nextest\f7.29.4.1\Bin\Ui.exe

Running on MagnumV_EV_System system# 900282

HOST computer name: fmnsgmag5011

PCC = 116

PRC = -65536

Delta = 65652

Calibration Time and Environment :-

Cal Cal Host Software Cal Hsb Ipc Dp Dp Pe Pe

Module Chas/Slot/Mod Date Time Name Relase

DP_1 1 1 1 Thu Feb 27 08:43:01 2025 FMNSGMAG5011

PE_1 1 1 1 Thu Feb 27 08:43:26 2025 FMNSGMAG5011 f

Loading voltage cal data from non-volatile memory

Calibrate Adc Measure V [calibrate_adc_vmeas_tb]

--- Calibrating ADC Measure V

calibrate_pmu_vforce_tb

--- Calibrating Pmu Force V

calibrate_pmu_imeas_5uaCm_tb

--- Calibrating Pmu Measure I 5ua Common Mode

calibrate_pmu_imeas_20uaCm_tb

--- Calibrating Pmu Measure I 20ua Common Mode

calibrate_pmu_imeas_200uaCm_tb

--- Calibrating Pmu Measure I 200ua Common Mode

calibrate_pmu_imeas_2maCm_tb

--- Calibrating Pmu Measure I 2ma Common Mode

calibrate_pmu_imeas_20maCm_tb

--- Calibrating Pmu Measure I 20ma Common Mode

calibrate_pmu_imeas_5ua_tb

--- Calibrating Pmu Measure I 5ua

calibrate_pmu_imeas_20ua_tb

--- Calibrating Pmu Measure I 20ua

calibrate_pmu_imeas_200ua_tb

--- Calibrating Pmu Measure I 200ua

calibrate_pmu_imeas_2ma_tb

--- Calibrating Pmu Measure I 2ma

calibrate_pmu_imeas_20ma_tb

--- Calibrating Pmu Measure I 20ma

calibrate_pmu_iforce_5ua_tb

--- Calibrating Pmu Force I 5ua

calibrate_pmu_iforce_20ua_tb

--- Calibrating Pmu Force I 20ua

calibrate_pmu_iforce_200ua_tb

--- Calibrating Pmu Force I 200ua

calibrate_pmu_iforce_2ma_tb

--- Calibrating Pmu Force I 2ma

calibrate_pmu_iforce_20ma_tb

--- Calibrating Pmu Force I 20ma

calibrate_pmu_Vclamph_tb

--- Calibrating Pmu V Clamp High

calibrate_pmu_Vclampl_tb

--- Calibrating Pmu V Clamp Low

cal_verify_dps_tracking_supplies_tb

--- Testing DPS tracking supplies (Ascending)

--- Testing DPS tracking supplies (Descending)

calibrate_dps_vforce_tb

--- Calibrating DPS Voltage Force

calibrate_dps_imeas_R1_tb

--- Calibrating DPS Imeasure 0.0 A (Range1)

calibrate_dps_imeas_R2_tb

--- Calibrating DPS Imeasure 0.0 A (Range2)

calibrate_dps_imeas_R3_tb

--- Calibrating DPS Imeasure 0.0 A (Range3)

calibrate_dps_imeas_R4_tb

--- Calibrating DPS Imeasure 0.0 A (Range4)

calibrate_dps_imeas_R5_tb

--- Calibrating DPS Imeasure 0.0 A (Range5)

calibrate_dps_imeas_R6_tb

--- Calibrating DPS Imeasure 0.2 A (Range6)

calibrate_dps_imeas_R7_tb

--- Calibrating DPS Imeasure 1.0 A (Range7)

calibrate_2DpsShare_imeas_R1_tb

--- Calibrating 2 DPS Share Imeasure 0.0 A (Range1)

calibrate_2DpsShare_imeas_R2_tb

--- Calibrating 2 DPS Share Imeasure 0.0 A (Range2)

calibrate_2DpsShare_imeas_R3_tb

--- Calibrating 2 DPS Share Imeasure 0.0 A (Range3)

calibrate_2DpsShare_imeas_R4_tb

--- Calibrating 2 DPS Share Imeasure 0.0 A (Range4)

calibrate_2DpsShare_imeas_R5_tb

--- Calibrating 2 DPS Share Imeasure 0.1 A (Range5)

calibrate_2DpsShare_imeas_R6_tb

--- Calibrating 2 DPS Share Imeasure 0.4 A (Range6)

calibrate_2DpsShare_imeas_R7_tb

--- Calibrating 2 DPS Share Imeasure 2.0 A (Range7)

calibrate_4DpsShare_imeas_R1_tb

--- Calibrating 4 DPS Share Imeasure 0.0 A (Range1)

calibrate_4DpsShare_imeas_R2_tb

--- Calibrating 4 DPS Share Imeasure 0.0 A (Range2)

calibrate_4DpsShare_imeas_R3_tb

--- Calibrating 4 DPS Share Imeasure 0.0 A (Range3)

calibrate_4DpsShare_imeas_R4_tb

--- Calibrating 4 DPS Share Imeasure 0.0 A (Range4)

calibrate_4DpsShare_imeas_R5_tb

--- Calibrating 4 DPS Share Imeasure 0.1 A (Range5)

calibrate_4DpsShare_imeas_R6_tb

--- Calibrating 4 DPS Share Imeasure 0.8 A (Range6)

calibrate_4DpsShare_imeas_R7_tb

--- Calibrating 4 DPS Share Imeasure 4.0 A (Range7)

calibrate_8DpsShare_imeas_R1_tb

--- Calibrating 8 DPS Share Imeasure 0.0 A (Range1)

calibrate_8DpsShare_imeas_R2_tb

--- Calibrating 8 DPS Share Imeasure 0.0 A (Range2)

calibrate_8DpsShare_imeas_R3_tb

--- Calibrating 8 DPS Share Imeasure 0.0 A (Range3)

calibrate_8DpsShare_imeas_R4_tb

--- Calibrating 8 DPS Share Imeasure 0.0 A (Range4)

calibrate_8DpsShare_imeas_R5_tb

--- Calibrating 8 DPS Share Imeasure 0.2 A (Range5)

calibrate_8DpsShare_imeas_R6_tb

--- Calibrating 8 DPS Share Imeasure 1.6 A (Range6)

calibrate_8DpsShare_imeas_R7_tb

--- Calibrating 8 DPS Share Imeasure 8.0 A (Range7)

calibrate_2DpsShare_imeas_R1_WithXpins_tb

--- Calibrating 2 DPS Share With XPins Imeasure 0.0 A (Range1)

calibrate_2DpsShare_imeas_R2_WithXpins_tb

--- Calibrating 2 DPS Share With XPins Imeasure 0.0 A (Range2)

calibrate_2DpsShare_imeas_R3_WithXpins_tb

--- Calibrating 2 DPS Share With XPins Imeasure 0.0 A (Range3)

calibrate_2DpsShare_imeas_R4_WithXpins_tb

--- Calibrating 2 DPS Share With XPins Imeasure 0.0 A (Range4)

calibrate_2DpsShare_imeas_R5_WithXpins_tb

--- Calibrating 2 DPS Share With XPins Imeasure 0.1 A (Range5)

calibrate_2DpsShare_imeas_R6_WithXpins_tb

--- Calibrating 2 DPS Share With XPins Imeasure 0.4 A (Range6)

calibrate_2DpsShare_imeas_R7_WithXpins_tb

--- Calibrating 2 DPS Share Imeasure 2.0 A (Range7)

calibrate_4DpsShare_imeas_R1_WithXpins_tb

--- Calibrating 4 DPS Share With XPins Imeasure 0.0 A (Range1)

calibrate_4DpsShare_imeas_R2_WithXpins_tb

--- Calibrating 4 DPS Share With XPins Imeasure 0.0 A (Range2)

calibrate_4DpsShare_imeas_R3_WithXpins_tb

--- Calibrating 4 DPS Share With XPins Imeasure 0.0 A (Range3)

calibrate_4DpsShare_imeas_R4_WithXpins_tb

--- Calibrating 4 DPS Share With XPins Imeasure 0.0 A (Range4)

calibrate_4DpsShare_imeas_R5_WithXpins_tb

--- Calibrating 4 DPS Share With XPins Imeasure 0.1 A (Range5)

calibrate_4DpsShare_imeas_R6_WithXpins_tb

--- Calibrating 4 DPS Share With XPins Imeasure 0.8 A (Range6)

calibrate_4DpsShare_imeas_R7_WithXpins_tb

--- Calibrating 4 DPS Share Imeasure 4.0 A (Range7)

calibrate_8DpsShare_imeas_R1_WithXpins_tb

--- Calibrating 8 DPS Share With XPins Imeasure 0.0 A (Range1)

calibrate_8DpsShare_imeas_R2_WithXpins_tb

--- Calibrating 8 DPS Share With XPins Imeasure 0.0 A (Range2)

calibrate_8DpsShare_imeas_R3_WithXpins_tb

--- Calibrating 8 DPS Share With XPins Imeasure 0.0 A (Range3)

calibrate_8DpsShare_imeas_R4_WithXpins_tb

--- Calibrating 8 DPS Share With XPins Imeasure 0.0 A (Range4)

calibrate_8DpsShare_imeas_R5_WithXpins_tb

--- Calibrating 8 DPS Share With XPins Imeasure 0.2 A (Range5)

calibrate_8DpsShare_imeas_R6_WithXpins_tb

--- Calibrating 8 DPS Share With XPins Imeasure 1.6 A (Range6)

calibrate_8DpsShare_imeas_R7_WithXpins_tb

--- Calibrating 8 DPS Share Imeasure 8.0 A (Range7)

calibrate_16DpsShare_imeas_R1_WithXpins_tb

--- Calibrating 16 DPS Share With XPins Imeasure 0.0 A (Range1)

calibrate_16DpsShare_imeas_R2_WithXpins_tb

--- Calibrating 16 DPS Share With XPins Imeasure 0.0 A (Range2)

calibrate_16DpsShare_imeas_R3_WithXpins_tb

--- Calibrating 16 DPS Share With XPins Imeasure 0.0 A (Range3)

calibrate_16DpsShare_imeas_R4_WithXpins_tb

--- Calibrating 16 DPS Share With XPins Imeasure 0.0 A (Range4)

calibrate_16DpsShare_imeas_R5_WithXpins_tb

--- Calibrating 16 DPS Share With XPins Imeasure 0.4 A (Range5)

calibrate_16DpsShare_imeas_R6_WithXpins_tb

--- Calibrating 16 DPS Share With XPins Imeasure 3.2 A (Range6)

calibrate_16DpsShare_imeas_R7_WithXpins_tb

--- Calibrating 16 DPS Share With XPins Imeasure 16.0 A (Range7)

calibrate_24DpsShare_imeas_R1_WithXpins_tb

calibrate_24DpsShare_imeas_R2_WithXpins_tb

calibrate_24DpsShare_imeas_R3_WithXpins_tb

calibrate_24DpsShare_imeas_R4_WithXpins_tb

calibrate_24DpsShare_imeas_R5_WithXpins_tb

calibrate_24DpsShare_imeas_R6_WithXpins_tb

calibrate_24DpsShare_imeas_R7_WithXpins_tb

calibrate_32DpsShare_imeas_R1_WithXpins_tb

calibrate_32DpsShare_imeas_R2_WithXpins_tb

calibrate_32DpsShare_imeas_R3_WithXpins_tb

calibrate_32DpsShare_imeas_R4_WithXpins_tb

calibrate_32DpsShare_imeas_R5_WithXpins_tb

calibrate_32DpsShare_imeas_R6_WithXpins_tb

calibrate_32DpsShare_imeas_R7_WithXpins_tb

check_dpsShare_connection_tb

calibrate_dps_high_current_clamps

--- Calibrating Dps I Clamp High 0.2 A (Range6)

--- Calibrating 2 Dps Share I Clamp High 0.4 A (Range6)

--- Calibrating 4 Dps Share I Clamp High 0.8 A (Range6)

--- Calibrating 8 Dps Share I Clamp High 1.6 A (Range6)

--- Calibrating Dps I Clamp High 1.0 A (Range7)

--- Calibrating 2 Dps Share I Clamp High 2.0 A (Range7)

--- Calibrating 4 Dps Share I Clamp High 4.0 A (Range7)

--- Calibrating 2 Dps Share With Xpins I Clamp High 0.4 A (Range6)

--- Calibrating 4 Dps Share With Xpins I Clamp High 0.8 A (Range6)

--- Calibrating 8 Dps Share With Xpins I Clamp High 1.6 A (Range6)

--- Calibrating 16 Dps Share With Xpins I Clamp High 3.2 A (Range6)

--- Calibrating 24 Dps Share With Xpins I Clamp High 4.8 A (Range6)

--- Calibrating 32 Dps Share With Xpins I Clamp High 6.4 A (Range6)

--- Calibrating 2 Dps Share With Xpins I Clamp High 2.0 A (Range7)

--- Calibrating 4 Dps Share With Xpins I Clamp High 4.0 A (Range7)

calibrate_dps_low_current_clamps

--- Calibrating Dps I Clamp Low 0.2 A (Range6)

--- Calibrating 2 Dps I Clamp Low 0.4 A (Range6)

--- Calibrating 4 Dps I Clamp Low 0.8 A (Range6)

--- Calibrating Dps I Clamp Low 1.0 A (Range7)

--- Calibrating 2 Dps I Clamp Low 2.0 A (Range7)

--- Calibrating 4 Dps I Clamp Low 4.0 A (Range7)

--- Calibrating 2 Dps With Xpins I Clamp Low 0.4 A (Range6)

--- Calibrating 4 Dps With Xpins I Clamp Low 0.8 A (Range6)

--- Calibrating 2 Dps With Xpins I Clamp Low 2.0 A (Range7)

--- Calibrating 4 Dps With Xpins I Clamp Low 4.0 A (Range7)

calibrate_hv_vforce_tb

--- Calibrating HV Force V

calibrate_hv_imeas_tb

--- Calibrating HV Imeas

calibrate_hv_imeas_40ua_tb

calibrate_hv_imeas_200ua_tb

calibrate_hv_imeas_20ma_tb

calibrate_hv_imeas_100ma_tb

calibrate_hv_cmode_40ua_tb

calibrate_hv_cmode_200ua_tb

calibrate_hv_cmode_20ma_tb

calibrate_hv_cmode_100ma_tb

save_dp_cal_data_tb

Saving The DP Calibration Data

Saving The Dp Calibration Environment

Calibrate VIH [calibrate_vih]

--- Calibrating PE1 PE2 PE3 PE4 VIH

Calibrate VIL [calibrate_vil]

--- Calibrating PE1 PE2 PE3 PE4 VIL

Calibrate VTT [calibrate_vtt]

--- Calibrating PE1 PE2 PE3 PE4 VTT

Calibrate VIHH [calibrate_vihh]

--- Calibrating PE1 PE2 PE3 PE4 VIHH

Calibrate VOH Comparator gain and offset [calibrate_voh]

--- Calibrating PE1 PE2 PE3 PE4 VOH Comparator gain and offset

Calibrate VOL Comparator gain and offset [calibrate_vol]

--- Calibrating PE1 PE2 PE3 PE4 VOL Comparator gain and offset

Calibrate IOH gain and offset [calibrate_ioh]

--- Calibrating PE1 PE2 PE3 PE4 IOH gain and offset

Calibrate IOL gain and offset [calibrate_iol]

--- Calibrating PE1 PE2 PE3 PE4 IOL gain and offset

Calibrate VZ [calibrate_vz]

--- Calibrating PE1 PE2 PE3 PE4 VZ

Calibrate Reflect Voltage Clamps [calibrate_Rclamp_H]

--- Calibrating PE1 PE2 PE3 PE4 Reflect Voltage Clamps

Calibrate Reflect Voltage Clamps [calibrate_Rclamp_L]

--- Calibrating PE1 PE2 PE3 PE4 Reflect Voltage Clamps

SAVE PE Gain and offset data [PE_save]

Saving gain and offset data for PE1 PE2 PE3 PE4

Saving The Pe Calibration Data

Saving The Pe Calibration Environment

VoltageCal summary [summary_tb]

Pass number : 1

Time for this pass : 00:05:22

Total time : 00:05:28

Final Bin: pass_bin

Done: Mon Mar 10 18:30:06 2025

TestDone...bin =
pass_bin,pass_bin,pass_bin,pass_bin,pass_bin,pass_bin,pass_bin,pass_bin

chassis 1 SET DB_DIAGCMD=0 -> success

The test program is unloaded