```
#include "Testplan.h"
 Task: Func
  Description:
  Revision history:
TASK_FUNCTION Func ()
 DWORD TestNumber;
  double VDD;
 BEGIN TASK (FUNC ID)
   // Update the die list
   GetDieList (gDieList);
   //Connect grounds to Abus ground for all tests
     GndConnectAbus (ROW4);
     PinConnectAbus (pinVSS, ROW4, gDieList);
         //Digital Setup
         PATTERN ERR PattErr;
       DigTimeoutSet (5000L);
       DigPatternExecModeSet (STOP AT END PATT);
```

```
TestNumber = 10001;
  BEGIN TEST (TestNumber)
    // Update the die list
    GetDieList (gDieList);
      PinConnectP4mu(pinVDD, gDieList);
      P4muSourceSet (pinVDD, RANGE_20V, VDD, P4R40mA, 40e-3, CONT, gDieList);
      P4muEnable (pinVDD, gDieList);
//Digital pattern test
            DigDriverSet ( pinOUTPIN3, VDD, 0, RANGE_7V, gDieList );
            DigDriverSet ( pinSDA, 3.85, 1.65, RANGE 7V, gDieList );
             DigSensorSet(pinINPIN1, 1.4, 1.4, RANGE 7V, gDieList);
             DigSensorSet(pinSDA, 3.5, 1.8, RANGE 7V, gDieList);
            DigLoadSet( pinSDA, 0.5e-3, 0.5e-3, R40mA, VDD, gDieList );
             PinConnectDig ( pinAllpins, ALL, gDieList );
              PinConnectDigLoad ( pinSDA, gDieList );
      RunD ("VIL/VIH Func", RNORM, &PattErr, NC STEP, NC STEP, TM LOAD );
      StoreDigResult ( TestNumber, &PattErr, gDieList );
      PinDisconnectDig ( pinAllpins, ALL, gDieList );
      PinDisconnectDigLoad ( pinSDA, gDieList );
```

```
TestNumber = 10002;
BEGIN_TEST (TestNumber)

// Update the die list
GetDieList (gDieList);

//Digital pattern test

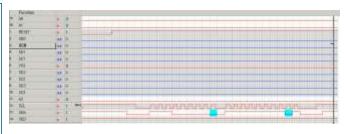
DigDriverSet (pinOUTPIN4, VDD, 0, RANGE_7V, gDieList);

DigSensorSet(pinINPIN1, 1.4, 1.4, RANGE_7V, gDieList);

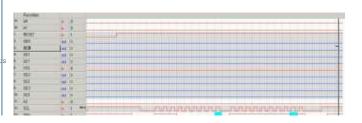
DigSensorSet(pinSDA, 3.5, 1.8, RANGE_7V, gDieList);

DigSensorSet(pinSDA, 0.5e-3, 8-3, R40mA,VDD, gDieList);
```

```
TEST / SETUP # : 1200
                                               THRESHOLD : 5.500
MEASURE
             : FUNCTION
                          CLAMP : NOT-USED
                                              TDA VALUE : 0.000
PARAMETER NAME : HI FCN
                           DELAY : 10.00 MS
                                               TDB VALUE : 0.000
FUNC LINE ADDER :
                           OFFSET: 0.000 V
                                              TTB - LOW : 0.000 V
FIRST FUNC LINE : 1545 PG 1
                                              TTA - HIGH : 0.000 V
                          VILA : 0.000 V
LAST FUNC LINE: 1592 PG 1 VIHA : 5.500 V
                                              TO CYCLE : 10.00 US
LOW REJECT BIN :
                 2
                           VILB : 1.650 V
                                              TO STOP : 9.900 US
HIGH REJECT BIN :
                           VIHB : 3.850 V
                                              TG START : 1.000 US
F/M-VCC OFFSET : 0.000 V
                          VOLA
                                : 1.400 V
                                              TG STOP
                                                       : 8.000 US
FORCE VALUE : NOT-USED
                          VOHA : 1.400 V
                                              STROBE
                                                       : 9.900 US
LOW
       LIMIT : NOT-USED
                          VOLB : 1.800 V
                                              IOL VALUE : 500.0 UA
       LIMIT: NOT-USED VOHB: 3.500 V IOH VALUE: -500.0 UA
HIGH
======[ FILE NAME PCA9546A.FRB GROUP # 51 ]====== UNDER TEST :
F/M : MACRO = DISCONNECTED
FCN : ALLPINS = 14 15 1 2 13 3 4 5 6 7 9 10 11 12
VINA : OUTPIN3 = 1 2 3 14 13
VINB : OUTPIN1 = 15
/OUTA : INPIN1 = 1 3 2 4 6 9 5 7 10 12 11 14 15 13
VOUTB : OUTPIN1 = 15
LOAD : OUTPIN1 = 15
EXT : MACRO = DISCONNECTED
NOTE : CHK VIL/VIH SCL
```



```
TEST / SETUP # : 1202
                                              THRESHOLD : 5.500 V
MEASURE
            : FUNCTION
                          CLAMP : NOT-USED
                                              TDA VALUE : 0.000
PARAMETER NAME : HI FCN
                          DELAY : 10.00 MS
                                             TDB VALUE : 0.000 V
FUNC LINE ADDER :
                          OFFSET: 0.000 V
                                             TTB - LOW : 0.000 '
FIRST FUNC LINE : 1545 PG 1 VILA : 0.000 V
                                              TTA - HIGH : 0.000 V
LAST FUNC LINE : 1592 PG 1
                          VIHA
                                : 5.500 V
                                             TO CYCLE : 10.00 US
LOW REJECT BIN : 2
                          VILB : 1.650 V
                                             TO STOP : 9.900 US
HIGH REJECT BIN :
                          VIHB : 3.850 V
                                             TG START : 1.000 US
                                             TG STOP
F/M-VCC OFFSET : 0.000 V
                          VOLA : 1.400 V
                                                       : 8.000
FORCE VALUE : NOT-USED
                                             STROBE : 9.900 US
                          VOHA : 1.400 V
T.OW
       LIMIT : NOT-USED
                          VOLB : 1.800 V
                                             IOL VALUE : 8.000 MA
       LIMIT: NOT-USED VOHB: 3.500 V IOH VALUE: -500.0 UA
 ====== [ FILE NAME PCA9546A.FRB GROUP # 52 ]====== UNDER TEST :
F/M : MACRO = DISCONNECTED
FCN : ALLPINS = 14 15 1 2 13 3 4 5 6 7 9 10 11 12
```



```
PinConnectDig ( pinAllpins, ALL, gDieList );

//PinConnectDigLoad ( pinSDA, gDieList );

RunD ('WIL/VIH Funr", RNORM, &PattErr, NC_STEP, NC_STEP, TM_LOAD );

StoreDigResult( TestNumber, &PattErr, gDieList );

PinDisconnectDig ( pinAllpins, ALL, gDieList );

//PinDisconnectDigLoad ( pinSDA, gDieList );

END_TEST

TestNumber = 10003;
```

```
BEGIN_TEST (TestNumber)
    // Update the die list
    GetDieList (qDieList);
/Digital pattern test
             DigDriverSet ( pinINPIN2, VDD, 0, RANGE_7V, gDieList );
             DigDriverSet ( pinINPIN3, 3.85, 1.65, RANGE 7V, gDieList );
             DigSensorSet(pinINPIN1, 1.4, 1.4, RANGE_7V, gDieList);
             DigSensorSet(pinSDA, 3.5, 1.8, RANGE_7V, gDieList);
             DigLoadSet( pinSDA, 0.5e-3, 0.5e-3, R40mA, VDD, gDieList );
              PinConnectDig ( pinAllpins, ALL, gDieList );
             PinConnectDigLoad ( pinSDA, gDieList );
      RunD ("VIH ADR/RST", RNORM, &PattErr, NC_STEP, NC_STEP, TM_LOAD );
      StoreDigResult( TestNumber, &PattErr, gDieList );
              PinDisconnectDig ( pinAllpins, ALL, gDieList );
              PinDisconnectDigLoad ( pinSDA, gDieList );
  END TEST
```

```
TestNumber = 10004;
  BEGIN_TEST (TestNumber)
    // Update the die list
    GetDieList (gDieList);
//Digital pattern test
              DigDriverSet ( pinINPIN2, VDD, 0, RANGE_7V, gDieList );
              DigDriverSet (pinINPIN3, 3.85, 1.65, RANGE_7V, gDieList);
              DigSensorSet(pinINPIN1, 1.4, 1.4, RANGE_7V, gDieList);
             DigSensorSet(pinSDA, 3.5, 1.8, RANGE_7V, gDieList);
              DigLoadSet (pinSDA, 0.5e-3, 0.5e-3, R40mA, VDD, gDieList);
               PinConnectDig ( pinAllpins, ALL, gDieList );
              PinConnectDigLoad ( pinSDA, gDieList );
      RunD ("VIL/VIH_Func", RNORM, &PattErr, NC_STEP, NC_STEP, TM_LOAD );
      StoreDigResult ( TestNumber, & PattErr, gDieList );
      PinDisconnectDig ( pinAllpins, ALL, gDieList );
      PinDisconnectDigLoad ( pinSDA, gDieList );
      P4muSourceSet (pinVDD, RANGE 20V, 0, P4R40mA, 40e-3, CONT, gDieList);
  END TEST
```

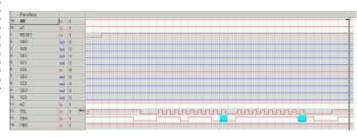
```
testNumber = 10005;
BEGIN_TEST (TestNumber)

// Update the die list
GetDieList (gDieList);

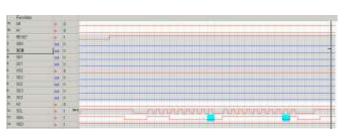
VDD = 3.6;
P4muSourceSet (pinVDD, RANGE_20V,VDD, P4R40mA, 40e-3, CONT, gDieList);
```

```
VINA : OUTPINS = 1 2 3 15 13
VINB : OUTPINS = 14
VOUTA : INFINI = 1 3 2 4 6 9 5 7 10 12 11 14 15 13
WOUTB : OUTPINE = 15
EOAD : OUTPINE = 15
EXT : MACRO = DISCONNECTED
NOTE : CHK VIL/VIH SDA
```

```
TEST / SETUP # : 1204
                           VCC : 5.500 V
                                              THRESHOLD : 5.500
                                              TDA VALUE : 0.000
MEASURE
                           CLAMP : NOT-USED
             : FUNCTION
PARAMETER NAME : HI FCN
                           DELAY : 10.00 MS
                                              TDB VALUE : 0.000
FUNC LINE ADDER :
                           OFFSET : 0.000 V
                                              TTB - LOW : 0.000
                                              TTA - HIGH : 0.000
FIRST FUNC LINE : 1593 PG 1
                         VILA : 0.000 V
LAST FUNC LINE: 1642 PG 1 VIHA : 5.500 V
                                              TO CYCLE : 10.00 U
LOW REJECT BIN .
                  2
                           VILB : 1.650 V
                                              TO STOP
                                                      : 9.900 U
HIGH REJECT BIN :
                           VIHB : 3.850 V
                                              TG START : 1.000 U
                                              TG STOP
F/M-VCC OFFSET : 0.000 V
                           VOLA : 1.400 V
                                                      : 8.000 U
FORCE VALUE : NOT-USED
                          VOHA : 1.400 V
                                             STROBE
                                                      : 9.900 U
       LIMIT : NOT-USED
                          VOLB : 1.800 V
                                             IOL VALUE : 500.0 U
T.OW
HTGH
       LIMIT: NOT-USED VOHB: 3.500 V
                                             IOH VALUE : -500.0 U
======[ FILE NAME PCA9546A.FRB GROUP # 53 ]====== UNDER TEST :
F/M : MACRO = DISCONNECTED
FCN : ALLPINS = 14 15 1 2 13 3 4 5 6 7 9 10 11 12
VINA : INPIN2 = 14 15
VINB : INPIN3 = 1 2 3 13
VOUTA : INPIN1 = 1 3 2 4 6 9 5 7 10 12 11 14 15 13
VOLUMB . OUTPIN1 = 15
LOAD : OUTPIN1 = 15
EXT : MACRO = DISCONNECTED
NOTE : CHK VIH ADR/RESET
```



```
THRESHOLD : 5.500
TEST / SETUP # : 1206
MEASURE
            : FUNCTION
                          CLAMP : NOT-USED
                                              TDA VALUE : 0.000
PARAMETER NAME : HI FCN
                          DELAY : 10.00 MS
                                              TDB VALUE : 0.000
FUNC LINE ADDER :
                 0
                          OFFSET: 0.000 V
                                              TTB - LOW : 0.000
                                              TTA - HIGH : 0.000
FIRST FUNC LINE : 1545 PG 1
                         VILA : 0.000 V
LAST FUNC LINE : 1592 PG 1
                          VTHA
                               : 5.500 V
                                              TO CYCLE : 10.00 US
LOW REJECT BIN : 2
                          VILB : 1.650 V
                                              TO STOP : 9.900 US
HIGH REJECT BIN :
                           VIHB : 3.850 V
                                              TG START
                                                      : 1.000 US
F/M-VCC OFFSET : 0.000 V
                          VOLA : 1.400 V
                                              TG STOP
                                                      : 8.000 US
FORCE VALUE : NOT-USED
                          VOHA : 1.400 V
                                              STROBE
                                                      : 9.900 US
                                             TOT, VALUE : 500.0 HA
T.OW
       LIMIT : NOT-USED
                         VOLB : 1.800 V
HTGH
       LIMIT: NOT-USED VOHB: 3.500 V IOH VALUE: -500.0 UA
====== [ FILE NAME PCA9546A.FRB GROUP # 54 ]====== UNDER TEST :
F/M : MACRO = DISCONNECTED
FCN : ALLPINS = 14 15 1 2 13 3 4 5 6 7 9 10 11 12
/INA : INPIN2 = 14 15
/INB : INPIN3 = 1 2 3 13
VOUTA : INPIN1 = 1 3 2 4 6 9 5 7 10 12 11 14 15 13
VOLUTE - OUTPIN1 = 15
LOAD · OUTPIN1 = 15
EXT : MACRO = DISCONNECTED
NOTE : CHK VIL ADR
```



```
TEST / SETUP # : 390
MEASURE
                                             TDA VALUE : 0.000
            : FUNCTION
                          CLAMP : NOT-USED
                                             TDB VALUE : 0.000
PARAMETER NAME : HI FCN
                          DELAY : 20.00 MS
FUNC LINE ADDER :
                          OFFSET: 0.000 V
                                              TTB - LOW : 0.000
FIRST FUNC LINE : 1541 PG 1
                          VILA : 1.080 V
                                             TTA - HIGH : 0.000
LAST FUNC LINE: 1544 PG 1 VIHA : 3.600 V
                                             TO CYCLE : 10.00 U
LOW REJECT BIN :
                          VILB : 0.000 V
                                             TO STOP : 9.000 US
                 2
HIGH REJECT BIN :
                          VIHB : 3.600 V
                                             TG START : 1.000 US
F/M-VCC OFFSET: 0.000 V VOLA : 1.400 V
                                             TG STOP : 8.000 US
```

```
//Digital pattern test
DigDriverSet (pinINPIN7, 3.6, 1.080, RANGE_7V, gDieList);
DigSensorSet(pinINPIN1, 1.4, 1.4, RANGE_7V, gDieList);
DigSensorSet(pinINPIN4, 2, 0.5, RANGE_7V, gDieList);
DigLoadSet(pinINPIN4, 0.5e-3, 0.5e-3, R4OmA,VDD, gDieList);
PinConnectDig (pinAllpins, ALL, gDieList);
PinConnectDigLoad (pinINPIN4, gDieList);
RunD ("HIFCN_RESET_VIL", RNORM, &PattErr, NC_STEP, NC_STEP, TM_LOAD);
StoreDigResult(TestNumber, &PattErr, gDieList);
PinDisconnectDig (pinAllpins, ALL, gDieList);
PinDisconnectDig(Doad (pinINPIN4, gDieList);
END_TEST
```

```
TestNumber = 10006;
  BEGIN TEST (TestNumber)
    // Update the die list
    GetDieList (gDieList);
     P4muSourceSet (pinVDD, RANGE 20V, VDD, P4R40mA, 40e-3, CONT, gDieList);
/Digital pattern test
             DigDriverSet ( pinINPIN7, 3.6, 0, RANGE 7V, gDieList );
              DigSensorSet(pinINPIN1, 1.4, 1.4, RANGE_7V, gDieList);
             DigSensorSet (pinSDA, 1.1, 0.5, RANGE 7V, gDieList );
              DigLoadSet (pinSDA, 0.5e-3, 0.5e-3, R40mA, VDD, qDieList);
             PinConnectDig ( pinAllpins, ALL, gDieList );
              PinConnectDigLoad ( pinSDA, gDieList );
      RunD ("HIFCN ENABLE ALL", RNORM, &Patterr, NC_STEP, NC_STEP, TM_LOAD );
      StoreDigResult ( TestNumber, &PattErr, gDieList );
       PinDisconnectDig ( pinAllpins, ALL, gDieList );
       PinDisconnectDigLoad ( pinSDA, gDieList );
  END TEST
```

```
TestNumber = 10007;

BEGIN_TEST (TestNumber)

// Update the die list
GetDieList (gDieList);

//Digital pattern test

DigDriverSet (pinINPIN1, VDD, 0, RANGE_7V, gDieList);

DigSensorSet(pinINPIN1, 1.4, 1.4, RANGE_7V, gDieList);

DigLowdSet (pinINPIN1, 0.5e-3, 0.5e-3, R40mA,VDD, gDieList);

PinConnectDig (pinINPIN1, ALL, gDieList);

PinConnectDigLoad (pinINPIN1, gDieList);

Rund MISTBH*, RNORM, &Fatterr, NC_STEP, NC_STEP, TM_LOAD);

StoreDigResult (TestNumber, &FattErr, gDieList);

PinDisconnectDig (pinINPIN1, ALL, gDieList);

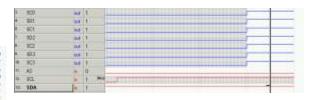
PinDisconnectDigLoad (pinINPIN1, gDieList);

END_TEST
```

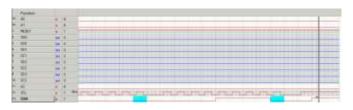
```
TestNumber = 10008;
BEGIN_TEST (TestNumber)

// Update the die list
```

```
VALUE: NOT-USED VOHA: 1.400 V STROBE: 9.000 US
FORCE
       LIMIT: NOT-USED VOLB: 500.0 MV IOL VALUE: 500.0 U
LOW
       LIMIT: NOT-USED VOHB: 2.000 V IOH VALUE: -500.0 U
HIGH
====== [ FILE NAME PCA9546A.FRB GROUP # 16 ]====== UNDER TEST : 1
F/M : MACRO = DISCONNECTED
FCN : ALLPINS = 14 15 1 2 13 3 4 5 6 7 9 10 11 12
                                                         18 11 USI 8 20000000
                                                          60 85 123 1 85679012
VINA : INPIN7 = 14 15 1 2 3 13
                                                          WE SE MAN & SESSESSES
VINB : MACRO = NOT SELECTED
VOUTA : INPIN1 = 1 3 2 4 6 9 5 7 10 12 11 14 15 13
                                                          CD LA 812 T 88111233
/OUTB : INPIN4 = 4 5 6 7 9 10 11 12
                                                    1521
                                                         WE HE AND A PERFERE
LOAD : INPIN4 = 4 5 6 7 9 10 11 12
                                                    1542
                                                         VG 88 AAA A FEFFFFF
EXT : MACRO = DISCONNECTED
                                                    154%
                                                          WE BE AND A FEFFEFFE
NOTE : RESET AT VIL
                                                         WG 88 AAA 8 55555555
```



TEST / SETUP #	:	375		VCC	:	3.600	V	THRESHOLD	:	3.600	
MEASURE	:	FUNCTION		CLAMP	:	NOT-US	SED	TDA VALUE	:	0.000	
PARAMETER NAME	:	HI FCN		DELAY	:	10.00	MS	TDB VALUE	:	0.000	
FUNC LINE ADDER	:	0		OFFSET	:	0.000	V	TTB - LOW	:	0.000	
FIRST FUNC LINE	:	571 PG	1	VILA	:	0.000	V	TTA - HIGH	:	0.000	
LAST FUNC LINE	:	618 PG	1	VIHA	:	3.600	V	TO CYCLE	:	1.200	
LOW REJECT BIN	:	2		VILB	:	0.000	V	TO STOP	:	1.000	
HIGH REJECT BIN	:	2		VIHB	:	3.600	V	TG START	:	100.0	
F/M-VCC OFFSET	:	0.000 V		VOLA	:	1.400	V	TG STOP	:	1.000	
FORCE VALUE	:	NOT-USED		VOHA	:	1.400	V	STROBE	:	1.100	
LOW LIMIT	:	NOT-USED		VOLB	:	500.0	MV	IOL VALUE	:	500.0	
HIGH LIMIT	:	NOT-USED		VOHB	:	1.100	V	IOH VALUE	:	-500.0	
=====[ FILE NA	AME	PCA9546A.	FRB	GROUP	#	17 ]==		UNDER TEST	:	1	
F/M : MACRO	=	DISCONNECT	ED								
FCN : ALLPINS	=	14 15 1	2 13	3 4	5	6 7	9 10	11 12			
VINA : INPIN7	=	14 15 1	2 3	3 13							
VINB : MACRO	=	NOT SELECT	ED								
VOUTA : INPIN1	=	1 3 2	4 6	9 5	7	10 12	11 14	15 13			
VOUTB : INPIN6	=	15									
LOAD : INPIN6	=	15									
EXT : MACRO	=	DISCONNECT	ED								
NOTE : ENABLE A	ALI	PASS GATE	S								



```
TEST / SETUP # : 598
                           VCC : 0.000 V
                                              THRESHOLD : 3.600
MEASURE
            : FUNCTION
                           CLAMP : NOT-USED
                                              TDA VALUE : 0.000
PARAMETER NAME : HI FCN
                           DELAY : 5.000 MS
                                              TOR VALUE : 0.000
FUNC LINE ADDER .
                 0
                           OFFSET: 0.000 V
                                              TTB - LOW : 0.000
FIRST FUNC LINE : 12 PG 1 VILA : 0.000 V
                                              TTA - HIGH: 0.000
LAST FUNC LINE :
                 12 PG 1
                          VIHA
                                : 3.600 V
                                              TO CYCLE : 40.00
                           VILB : 0.000 V
                                              TO STOP
LOW REJECT BIN :
                                                      : 39.90
                                              TG START : 1.000 U
HIGH REJECT BIN :
                           VIHB : 3.600 V
F/M-VCC OFFSET: 0.000 V
                          VOTA : 1.400 V
                                              TG STOP : 38.00 T
FORCE VALUE · NOT-USED
                          VOHA : 1.400 V
                                              STROBE
                                                       · 39 00 t
T.OW
       LIMIT: NOT-USED VOLB: 500.0 MV
                                             TOT, VALUE . 500 0 I
       LIMIT: NOT-USED VOHB: 2.000 V IOH VALUE: -500.0 U
======[ FILE NAME PCA9546A.FRB GROUP # 38 ]====== UNDER TEST :
F/M : MACRO = DISCONNECTED
FCN : ALLPINS = 14 15 1 2 13 3 4 5 6 7 9 10 11 12
VINA : INPINI = 1 3 2 4 6 9 5 7 10 12 11 14 15 13
VINB : MACRO = NOT SELECTED
VOUTA : INPIN1 = 1 3 2 4 6 9 5 7 10 12 11 14 15 13
VOUTB : MACRO = NOT SELECTED
LOAD : INPIN1 = 1 3 2 4 6 9 5 7 10 12 11 14 15 13
EXT : MACRO = DISCONNECTED
NOTE : RESET
```

	Durden			
н	e)	is	1	
М	6]		1	
•	RESET	n	1	
	533	h	1	
1	500	in	1	
٠.	SDI		1	1
•	E71	h	1	
•	502	i i	1	
1	502	ä	1	
ē	503	n	1	
ĸ	838	fi	1	
11	42	in	1	
E?	50.	-	1	
LI.	57.5	n	1	

```
Finder
```

```
GetDieList (gDieList);

VDD = 3.6;
P4muSourceSet (pinVDD, RANGE_20V,VDD, P4R40ma, 40e-3, CONT, gDieList);

//Digital pattern test
DigDriverSet (pinINPIN1, VDD, 0, RANGE_7V, gDieList);

DigSensorSet(pinINPIN1, 1.4, 1.4, RANGE_7V, gDieList);
DigSensorSet(pinINPIN4, 2, 0.5, RANGE_7V, gDieList);

DigLoadSet(pinINPIN4, 0.5e-3, 0.5e-3, R40ma,VDD, gDieList);

PinConnectDig ( pinAllpins, ALL, gDieList );

PinConnectDigLoad ( pinINPIN4, gDieList );

RunD ("MHFCN_RESET_VII", RNORM, &PattErr, NC_STEP, NC_STEP, TM_LOAD );

StoreDigResult( TestNumber, &PattErr, gDieList );

PinDisconnectDig ( pinAllpins, ALL, gDieList );

PinDisconnectDigLoad ( pinINPIN4, gDieList );

PinDisconnectDigLoad ( pinINPIN4, gDieList );

PinDisconnectDigLoad ( pinINPIN4, gDieList );

END_TEST
```

```
estNumber = 10009;
  BEGIN TEST (TestNumber)
   // Update the die list
   GetDieList (gDieList);
     VDD = 3.6;
     P4muSourceSet (pinVDD, RANGE_20V, VDD, P4R40mA, 40e-3, CONT, gDieList);
/Digital pattern test
             DigDriverSet ( pinINPIN1, VDD, 0, RANGE_7V, gDieList );
             DigSensorSet(pinINPIN1, 1.4, 1.4, RANGE_7V, gDieList );
             DigSensorSet(pinSDA, 2, 0.5, RANGE_7V, gDieList);
             DigLoadSet ( pinSDA, 0.5e-3, 0.5e-3, R40mA, VDD, gDieList );
             PinConnectDig ( pinAllpins, ALL, gDieList );
             PinConnectDigLoad ( pinSDA, gDieList );
      RunD ("HIFCN_READ_IOL", RNORM, &PattErr, NC_STEP, NC_STEP, TM_LOAD );
      StoreDigResult( TestNumber, &PattErr, gDieList );
       PinDisconnectDig ( pinAllpins, ALL, gDieList );
       PinDisconnectDigLoad ( pinSDA, gDieList );
  END TEST
```

FIRST	F	JNC LINE	:	15	541	PG	1	,	VIL.	A	:	0.	000	V		T	ra.	- HIGH	:	0.000	V	
LAST	F	JNC LINE	:	15	544	PG	1	,	VIH.	A	:	3.	600	V		T(	) C	YCLE	:	40.00	US	
LOW E	RE.	JECT BIN	:		2			,	VIL	В	:	0.	000	V		T(	) s	TOP	:	39.90	US	
HIGH E	RE.	JECT BIN	:		2			,	VIH	В	:	3.	600	V		TO	S	TART	:	1.000	US	
F/M-V	СС	OFFSET	:	0.0	000	V		,	VOL.	A	:	1.	400	V		TO	S	TOP	:	38.00	US	
FORCE		VALUE	:	NO:	r-U	SED		,	VOH.	A	:	1.	400	V		SI	rro	BE	:	39.00	US	
LOW		LIMIT	:	NO:	r-U	SED		,	VOL	В	:	50	0.0	MV		IC	DL.	VALUE	:	500.0	UA	
HIGH		LIMIT	:	NO:	r-U	SED		,	VOH:	В	:	2.	000	V		IC	)H	VALUE	: -	500.0	UA	
=====	==	[ FILE N	AM	E PC	A95	46A.	.FR	В	GR	OUP	#	45	]=:			U	IDE	R TEST	:	1		
F/M	:	MACRO	=	DIS	CONI	NEC:	red														CI CO	
FCN	:	ALLPINS	=	14	15	1	2	13	3	4	5	6	7	9	10	11	12	500	10	11 991	0,00	9999999
VINA	:	INPIN1	=	1	3	2	4	6	9	5	7	10	12	11	14	15	13		GI	41, 171	1 4	1679012
VINB	:	MACRO	=	NOT	SE	LECT	red													22 YM		555555
VOUTA	:	INPIN1	=	1	3	2	4	6	9	5	7	10	12	11	14	15	13			CI 100		
VOUTB	:	INPIN4	=	4	5	6	7	9	10	11	12							200	CO			8111233
LOAD	:	INPIN4	=	4	5	6	7	9	10	11	12							1542		DI ARR		
EXT	:	MACRO	=	DIS	CONI	NEC:	red											1543	135-7	BB AAA		
NOTE		RESET																1544		BB AAA		
																		1.00	ru	00 444		3333000

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801	04 1	
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302	ne 1	
100	90 T	
1. 103	34 T	
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TEST / SETUP #	:	698			VCC		:	3.6	00	V		THRE	SHOLD	:	3.600	
MEASURE	:	FUNCT:	ION		CLAM	P	:	NOT	-US	SED		TDA	VALUE	:	0.000	
PARAMETER NAME	:	HI FCI	N.		DELA	Y	:	0.0	00	S		TDB	VALUE	:	0.000	
FUNC LINE ADDER	:	0			OFFS	EΤ	:	0.0	00	V		TTB	- LOW	:	0.000	
FIRST FUNC LINE	:	483	PG	1	VILA		:	0.0	00	V		TTA	- HIGH	:	0.000	
LAST FUNC LINE	:	519	PG	1	VIHA		:	3.6	00	V		T0 0	CYCLE	:	40.00	Į
LOW REJECT BIN	:	2			VILB		:	0.0	00	V		T0 8	STOP	:	39.90	į
HIGH REJECT BIN	:	2			VIHB		:	3.6	00	V		TG S	START	:	1.000	į
F/M-VCC OFFSET	:	0.000	V		VOLA		:	1.4	00	V		TG S	STOP	:	38.00	Į
FORCE VALUE	:	NOT-U	SED		VOHA		:	1.4	00	V		STR	DBE	:	39.00	į
LOW LIMIT	:	NOT-U	SED		VOLB		:	500	.0	MV		IOL	VALUE	:	500.0	į
HIGH LIMIT	:	NOT-U	SED		VOHB		:	2.0	00	V		IOH	VALUE	:	-500.0	į
======[ FILE N	AME	PCA95	46A.	FRB	GRO	UP	#	46	]==			UND	R TEST	:	1	
F/M : MACRO	=	DISCON	NECT	ED												
FCN : ALLPINS	=	14 15	1	2 1	3 3	4	5	6	7	9	10	11 12	2			
VINA : INPIN1	=	1 3	2	4	6 9	5	7	10	12	11	14	15 13	3			
VINB : MACRO	=	NOT SE	LECT	ED												
VOUTA : INPIN1	=	1 3	2	4	6 9	5	7	10	12	11	14	15 13	3			
VOUTB : OUTPIN1	=	15														
LOAD : OUTPIN1	=	15														
EXT : MACRO	=	DISCON	NECT	ED												
NOTE : READ																

