

Electrical Test Report for Digital parts

Customer:	1-SOURCE
Manufacturer:	ST
Part Number:	PSD412A2-C-70J
Technician:	Pan

Order ref:	PO#TM161522
Requestor:	Bill Kaspar
Date/Time:	2007-12-11
Received by:	Oh Ling

Conclusion:

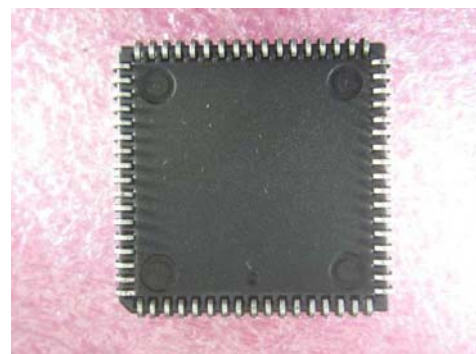
Received 250 pcs PSD412A2-C-70J. Tested 249 pcs PSD412A2-C-70J on TR6010 for direct current test. 239 pcs passed. 10 pcs failed, failed at open/short. That shows the 10 pcs have short pins, and have bad protection diode.

Result: 239 pcs pass, 10 pcs fail

Print Form



Top-side



Bottom-side

Component Information

Count QTY	250
Test QTY:	249
Package style	PLCC-68
Date code:	0228
Lot code:	N/A

Test Results:

short circuit	Yes
if mixed, QTY:	10
Open contacts	No
if mixed, QTY:	
Signal distortion	No
if mixed, QTY:	
Expected function:	Present
if mixed, QTY:	239
Equipment 1	TR6010 IC tester
Equipment 2	
Equipment 3	
Equipment 4	
Test result:	239pass,10fail

Kind of IC

Low Cost Field Programmable Microcontroller Peripherals

IC programmer Test Data

Test data

```
DUT 1 FCHECKPMU() Start ....
DUT 1 PMU Relay : 1 Switch On
DUT 1 ==>
CHKPMU 1>FI -100.000uA,MV -0.604V,R 2,LL -1.200V,HL -0.200V
DUT 1 PMU Relay : 1 Switch Off
DUT 1 PMU Relay : 2 Switch On
DUT 1 ==>
CHKPMU 1>FI -100.000uA,MV -0.604V,R 2,LL -1.200V,HL -0.200V
DUT 1 PMU Relay : 2 Switch Off
DUT 1 PMU Relay : 17 Switch On
DUT 1 ==>
CHKPMU 2>FI -100.000uA,MV -0.599V,R 2,LL -1.200V,HL -0.200V
DUT 1 PMU Relay : 17 Switch Off
DUT 1 PMU Relay : 3 Switch On
DUT 1 ==>
CHKPMU 1>FI -100.000uA,MV -0.604V,R 2,LL -1.200V,HL -0.200V
DUT 1 PMU Relay : 3 Switch Off
DUT 1 PMU Relay : 18 Switch On
DUT 1 ==>
CHKPMU 2>FI -100.000uA,MV -0.597V,R 2,LL -1.200V,HL -0.200V
DUT 1 PMU Relay : 18 Switch Off
DUT 1 PMU Relay : 19 Switch On
DUT 1 ==>
CHKPMU 2>FI -100.000uA,MV -0.597V,R 2,LL -1.200V,HL -0.200V
DUT 1 PMU Relay : 19 Switch Off
DUT 1 PMU Relay : 4 Switch On
DUT 1 ==>
CHKPMU 1>FI -100.000uA,MV -0.604V,R 2,LL -1.200V,HL -0.200V
DUT 1 PMU Relay : 4 Switch Off
DUT 1 PMU Relay : 20 Switch On
DUT 1 ==>
CHKPMU 2>FI -100.000uA,MV -0.599V,R 2,LL -1.200V,HL -0.200V
DUT 1 PMU Relay : 20 Switch Off
DUT 1 PMU Relay : 33 Switch On
DUT 1 ==>
CHKPMU 3>FI -100.000uA,MV -0.604V,R 2,LL -1.200V,HL -0.200V
DUT 1 PMU Relay : 33 Switch Off
```