

# P5 Verification Test Plan

Release No : 09E010027

Product Model	<b>PFM-C20N</b>
Description	<b>PCI CAN bus Module</b>
Test Configuration	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> CPU Board : PFM-540I A1.0 & EPIC-8526 A1.0 <input checked="" type="checkbox"/> BIOS : (test) EVALUATION ROM – NOT FOR SALE <input checked="" type="checkbox"/> Expansion Board : PFM-C20N Rev A0.1  <input checked="" type="checkbox"/> Chipset : <input checked="" type="checkbox"/> North Bridge : AMD LX800 & Intel 852GM <input checked="" type="checkbox"/> South Bridge : AMD CS5536 & Intel ICH4 <input checked="" type="checkbox"/> Audio Chipset : NONE & Realtek ALC655 <input checked="" type="checkbox"/> Ethernet Chipset : Intel 82551IT/ER, 10/100Mbps & Realtek 8100C 10/100Mb <input checked="" type="checkbox"/> I/O Chipset : SMSC SCH3114 & IT8712F  <input checked="" type="checkbox"/> Remark : QE NPDP P5 Report for PFM-C20N
<b>Test Result Summary</b>	
<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass with Deviation Comment: _____ _____	

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<b>Issue date</b>	<b>Manager</b>	<b>Test Engineer</b>

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**Platform Information:**

Item	Device Information	Test Item
PCB Model	PFM-C20N REV A0.1	
CPU Board	PFM-540IA1.0 & EPIC-8526 A1.0	
BIOS / Version	(test) EVALUATION ROM – NOT FOR SALE	
CPU Type	AMD Geode LX800 & Intel Celeron-M 2.0GHz	
Memory Type	ATP PC2700 1Gb*2	
SATA HDD	N/A	
Primary IDE Master	N/A	
Primary IDE Slave	N/A	
CRT	ViewSonic E70 17"	
LCD	N/A	
Compact Flash	N/A	
Riser Card	N/A	
Backplane	N/A	
Operating System	[ X ] Linux-RedHat 2.6 or [ ] Fedora Core 4.0 [ ] Fedora Core 6.0	1,2
	Windows Server 2003 English Version / Standard Edition 5.2.3790	N/A
	Windows Server 2003 English Version /Standard x64 Edition	N/A
	Windows XP Professional English Version V2002 Service Pack 3	1,2
	Windows XP Professional English Version /Standard x64 Edition	N/A
	Windows 2000 Professional English Version V5.00.2195 Service Pack4	N/A
	Windows 2000 Professional Simplified-Chinese Version V5.00.2195 Service Pack4	N/A
	Windows Server 2000 English Version	N/A
	Windows 98SE English Version V4.10.2222A	N/A
MS-DOS 6.22 English Version	1,2	
Power Supply	ATX Power: SEVENTEAM ST-402HLP 400W	1,2
	CoolerMaster RS-390-PMSR-A3 350w	

# 1.CAN Bus Address / IRQ Test

## CAN Bus Connector

### 1-1.Address Segment : (DC00)

Test Item	Boot into DOS		Function		Jumper check		N/A	Note
	Pass	Fail	Pass	Fail	Pass	Fail		
<b>PORT 1</b>								
CAN Bus 1 IRQ							X	
POLLING	X		X		X			
Baudrate(10k~USER DEFINE)	X		X		X			
<b>PORT 2</b>								
CAN Bus 2 IRQ							X	
POLLING	X		X		X			
Baudrate(10k~USER DEFINE)	X		X		X			

### 1-2.Address Segment : (DB00)

Test Item	Boot into DOS		Function		Jumper check		N/A	Note
	Pass	Fail	Pass	Fail	Pass	Fail		
<b>PORT 1</b>								
CAN Bus 1 IRQ							X	
POLLING	X		X		X			
Baudrate(10k~USER DEFINE)	X		X		X			
<b>PORT 2</b>								
CAN Bus 2 IRQ							X	
POLLING	X		X		X			
Baudrate(10k~USER DEFINE)	X		X		X			

### 1-3.Address Segment : (DA00)

Test Item	Boot into DOS		Function		Jumper check		N/A	Note
	Pass	Fail	Pass	Fail	Pass	Fail		
<b>PORT 1</b>								
CAN Bus 1 IRQ							X	
POLLING	X		X		X			
Baudrate(10k~USER DEFINE)	X		X		X			
<b>PORT 2</b>								
CAN Bus 2 IRQ							X	
POLLING	X		X		X			
Baudrate(10k~USER DEFINE)	X		X		X			

**1-4.Address Segment : (CC00)**

Test Item	Boot into DOS		Function		Jumper check		N/A	Note
	Pass	Fail	Pass	Fail	Pass	Fail		
<b>PORT 1</b>								
CAN Bus 1 IRQ							X	
POLLING	X		X		X			
Baudrate(10k~USER DEFINE)	X		X		X			
<b>PORT 2</b>								
CAN Bus 2 IRQ							X	
POLLING	X		X		X			
Baudrate(10k~USER DEFINE)	X		X		X			

**2. Support Board & O.S Support Request**

CPU Board	Detect Card		Install O.S		N/A	Note
	Pass	Fail	Pass	Fail		
PFM-540I A1.0	X		X			
EPIC-8526 A1.0	X		X			