

3 . Power Consumption / Connector Test

Platform Information:

PCB Model & Version	PCM-5330 &A02
CPU Type & FSB	STPC-DX2 133MHz
Memory Type	Onboard NEC CHINA D4564163G5-A80-9JF 0030LBW43 32MB
Primary IDE Master	Seagate ST330620A ATA 100 30G
Primary IDE Slave	TEAC CD-540E
DOC Type	N/A
CF Type	SanDisk 64MB
VGA Card & Driver Version	ST Microelectronics STPC 1.13.000

Operating System Environment :

DOS 6.22	Config.sys	Device=c:\dos\setup.exe Device=c:\dos\power.exe dos=high files=30
	Autoexec.bat	c:\dos\smartdrv.exe/x @ echo off path c:\dos set temp=c:\dos

A. Power Consumption Test :

Test Software (DOS Mode):

Test Software	QAPLus/Fe 5.5 (Run QAPLusfe.exe/ Memory module test programming)
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Test Result:

Mode Type	CPU TYPE			Current
	STPC-DX2 133MHz			
Normal Mode(+5V)	1.19A			
Suspend Mode(+5V)	0.92A			
Normal Mode(+12V)	N/A			
Suspend Mode(+12V)	N/A			
Normal Mode(+3.3V)	N/A			
Suspend Mode(+3.3V)	N/A			

B. Power Margin Test: Play VCD in Win 98 O.S.

Test Point:

1. Play VCD 10 Minutes.

**B-1 ATX Connector [Male] ATX Power Supply : DEC DP-ATX725B / 250W [Female]
[✓] No Support.**

Voltage	Low/High Voltage 110 V / 220 V	Actual Voltage		Result				Note
		110 V	220 V	110V		220V		
				Pass	Fail	Pass	Fail	
5 V	4.75 V	V	V					
	5.25 V	V	V					
3.3V	3.135V	V	V					
	3.465V	V	V					
12 V	11.4 V	V	V					
	12.6 V	V	V					