

Product Certification Test Report

Release No: 10E010002

Product Model	PER-C40C
Description	Mini PCI Quad RS-232 Module
Test Configuration	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB Board : GENE-5315 B0.1 <input checked="" type="checkbox"/> BIOS : N/A <input checked="" type="checkbox"/> Carrier Board : PER-C40C B0.1 <input checked="" type="checkbox"/> Expansion Board : N/A <input checked="" type="checkbox"/> Riser Card :N/A <input checked="" type="checkbox"/> Chipset : <input checked="" type="checkbox"/> CPU : N/A <input checked="" type="checkbox"/> North Bridge N/A <input checked="" type="checkbox"/> South Bridge : N/A <input checked="" type="checkbox"/> VGA Chipset : N/A <input checked="" type="checkbox"/> Audio Chipset : N/A <input checked="" type="checkbox"/> Ethernet Chipset : N/A <input checked="" type="checkbox"/> I/O Chipset : N/A <input checked="" type="checkbox"/> TV Chipset : N/A <input checked="" type="checkbox"/> Remark : QE NPDP P5 Report for PER-C40C B0.1
Test Result Summary	
<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass with Deviation Comment: _____ _____	

2010/01/14

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Issue date

Manager

Test Engineer

Platform Information:

Item	Device Information	Test Item
PCB Model / Version	GENE-5315 B0.1	1,2,3,4,5,6,7,8
Carrier Board	PER-C40C	1,2,3,4,5,6,7,8
BIOS / Version	N/A	N/A
CPU Type	Geode LX 366MHz	1,2,3,4,5,6,7,8
Memory Type	Transcend 512M DDR333	1,2,3,4,5,6,7,8
SATA HDD	N/A	N/A
SATA ODD	N/A	N/A
Primary IDE Master	WD WD800JB-00JJC0 80B 3.5"	1,2,3,4,5,6,7,8
Primary IDE Slave	N/A	N/A
CRT	ViewSonic E70 17"	1,2,3,4,5,6,7,8
LCD	N/A	N/A
Compact Flash	N/A	N/A
Backplane	N/A	N/A
Riser Card	N/A	N/A
Expansion Board	N/A	N/A
	N/A	N/A
Operating System	[] Linux-RedHat 9.0 or [] Fedora Core 6	N/A
	Windows Vista™ Ultimate English Version	N/A
	Windows Vista™ Ultimate x64 English Version	N/A
	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	1,2,3,4,5,6,7,8
	Windows XP Professional English Version /Standard x64 Edition	N/A
	Windows 2000 Professional English Version V5.00.2195 Service Pack4	N/A
	Windows Server 2000 English Version	N/A
	Windows 98SE English Version V4.10.2222A	N/A
Power Supply	MS-DOS 6.22 English Version	N/A
	ATX Power Supply : N/A	N/A
	AT Power Supply: ZECK ZKS-300W	1,2,3,4,5,6,7,8
	DC Adapter : N/A	N/A

1. COM Ports & RS-232 Function Test

Test Result:

Basic Function Test					
Test Item		Result			Note
		Pass	Fail	N/A	
RS-422 for COM2				X	Use loopback and WINSSD.exe to test RS-422 in Windows
RS-485 for COM2				X	Use ICP CON I-7044D D/IO Module in Windows(Support Auto flow control)
				X	Use Adam-4011 to test in DOS (No support Auto flow control)
COM1	Serial Mouse	X			
	Serial Modem	X			
COM2	Serial Mouse	X			
	Serial Modem	X			
COM3	Serial Mouse	X			
	Serial Modem	X			
COM4	Serial Mouse	X			
	Serial Modem	X			
COM5	Serial Mouse			X	
	Serial Modem			X	
COM6	Serial Mouse			X	
	Serial Modem			X	

2. COM Port Function Test

BurnIn Test V5.3 Pro	9600 Kbits/sec		115200 Kbits/sec		N/A	Note
	Pass	Fail	Pass	Fail		
COM1	X		X			
COM2	X		X			
COM3	X		X			
COM4	X		X			