

integration with integrity

Quick Reference Guide

Mini PCI Serial Interface Module 1507603

Copyrights

This Quick Reference Guide is copyrighted and all rights are reserved. It does not allow any non authorization in copied, photocopied, translated or reproduced to any electronic or machine readable form in whole or in part without prior written consent from the manufacturer.

In general, the manufacturer will not be liable for any direct, indirect, special, incidental or consequential damages arising from the use of inability to use the product or documentation, even if advised of the possibility of such damages. The manufacturer keeps the rights in the subject to change the contents of this manual without prior notices in order to improve the function design, performance, quality and reliability. The author assumes no responsibility for any errors or omissions, which may appear in this Quick Reference Guide, nor does it make a commitment to update the information contained herein.

Trademarks

Intel is a registered trademark of Intel Corporation. Award is a registered trademark of Award Software, Inc.

All other trademarks, products and or product's name mentioned herein are mentioned for identification purposes only, and may be trademarks and/or registered trademarks of their respective companies or owners.

1.1 <Connector Location>



1.2 <Jumper Location & Reference>



1.3 <Specifications>

Specifications			
Form Factor	Mini-PCI TYPEIIIB		
Controller	OXmPCI954-LQ-A		
Accessories	2X10 com port cable X2		

1.4<Jumper Setting>

	JCSEL1	JCSEL2
RS-232		
RS-485		
RS-422		

RS422/485 output form COM2

1.5 <Driver Setting>

1. Please choose Device Manager

Systemme	store Automa	Automatic Updates	
General	Computer Name	Hardware	Advanced
Device Man	ader		
Section 1 and 1 an	e Device Manager lists all your computer. Use the D pperties of any device.	the hardware devic evice Manager to c	es installed hange the
		Device M	anager
Drivers Dri co	iver Signing lets you make mpatible with Windows, W	sure that installed d	rivers are
ho	w Windows connects to W	/indows Update for	drivers.
ho	w Windows connects to W Driver Signing	(indows Update for	drivers.
ho Hardware Pr A	w Windows connects to W Driver Signing offiles Irdware profiles provide a v ferent hardware configurati	Vindows Update for Windows I Windows I way for you to set up ons.	Jpdate
ho Hardware Pr Wa	w Windows connects to W Driver Signing ofiles Indware profiles provide a v ferent hardware configurati	vindows Update for Windows I way for you to set up ons.	Jpdate Jpdate Profiles

2. Then you can see Other devices

🚇 Device Manager	
File Action View Help	
Image: Second stress	
Monicors Monicors	
 Ports (COM & LPT) Recessors Sound, video and game controllers System devices Vertex devices Vertex devices 	

3. Please choose Other PCI Bridge Device then press Reinstall Driver

General	Driver Details	Resources	
2	Other PCI Bridge	Device	
	Device type:	Other devices	
	Manufacturer:	Unknown	
	Location:	PCI Slot 1 (PCI bus 3, device 12	, function 1)
Devic	e status		
Tore	install the drivers fi	or this device, click Reinstall Driver.	-
		Reinstall D	river
Device	usage:		
001100			
Use thi	s device (enable)		•

4. Please choose NO, not this time press Next



5. Please choose Install from a list on specific location.



6. Please select file location CDROM:\OXFORD\Ox954_V4_09 Press OK~

Browse For Folder	? 🛛
Select the folder that contains drivers for your	hardware.
E Construction State Sta	<u> </u>
S My Computer	
🖃 🥯 Local Disk (C:)	
🗉 🛅 Documents and Settings	
WinNT4	×
To view any subfolders, click a plus sign above.	
	<u> </u>
	Cancel

7. After Other PCI Bridge Device Driver setting please choose PCI Serial Port then press mouse right key select properties



8. Please choose Reinstall Driver

aeneral	Driver Details	Resources
Z.	PCI Serial Port	
	Device type:	Other devices
	Manufacturer:	Unknown
	Location:	PCI Slot 1 (PCI bus 3, device 12, function 0)
Devic	se status	
The Ton	drivers for this devi einstall the drivers fi	ice are not installed. (Code 28)
The Tor	drivers for this devi einstall the drivers fi	ice are not installed. (Code 28)
Ton	drivers for this devi	ice are not installed. (Code 28) or this device, click Reinstall Driver.
The To n Device	drivers for this devi einstall the drivers fr usage:	ice are not installed. (Code 28) or this device, click Reinstall Driver.
The Tom Device Use th	drivers for this devi einstall the drivers fo usage: usage: is device (enable)	ice are not installed. (Code 28) or this device, click Reinstall Driver. Reinstall Driver

9. Please choose NO, not this time press Next



10. Please choose Install from a list on specific location press next



11. Please select file location CDROM:\OXFORD\Ox954_V4_09 Press OK



12. After driver install , please enter Device Manager then select PCI Communications Port (COM5) press properties.



13. Please select Data rate

General Settings FIFOs Data rate Driver Details Image: PCI Communications Port (COM5) Device type: Ports (COM & LPT) Manufacturer: (Enhanced ports) Location: Location 0 Device status Image: Provide the troubleshoot to start the troubleshooter. If you are having problems with this device, click Troubleshoot to start the troubleshooter. Device usage: Image: Provide the troubleshoot (Provide the troubleshoot) Use this device (enable) Image: Provide the troubleshoot (Provide the troubleshoot)	CI Com	munications Po	ort (COM5) Properties	?
PCI Communications Port (COM5) Device type: Ports (COM & LPT) Manufacturer: (Enhanced ports) Location: Location 0 Device status This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter. Troubleshoot Device usage: Use this device (enable)	General	Settings FIFOs	Data rate Driver Details	
Device type: Ports (COM & LPT) Manufacturer: [Enhanced ports] Location: Location 0 Device status This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter. Troubleshoot Device usage: Use this device (enable)	Ţ	PCI Communicat	ions Port (COM5)	
Manufacturer: [Enhanced ports] Location: Location 0 Device status This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter. Troubleshoot Device usage: Use this device (enable)		Device type:	Ports (COM & LPT)	
Location: Location 0 Device status This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter. Troubleshoot Device usage: Use this device (enable)		Manufacturer:	(Enhanced ports)	
Device status This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter. Troubleshoot Device usage: Use this device (enable)		Location:	Location 0	
This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter. Troubleshoot Device usage: Use this device (enable)	Devi	ce status		-
Device usage: Use this device (enable)	start	the troubleshooter.		~
Device usage: Use this device (enable)			Troubleshoot	
Use this device (enable)	Device	usage:		
	Use th	nis device (enable)		~
OK Cancel			[ΟΚ] [Cancel

14. Please press **Detect Crystal Frequency**. Repeat for all remaining COM ports.

Cl Communications Port (COM5) P	Properties ?
General Settings FIFOs Data rate [Driver Details
	16C950 (K
- Input Clock	Crystal Frequency (MHz)
Detect Crystal Frequency	7.3728 💌
Baud rate configuration options	
P Override Configuration	✓ Use default baud rate
🗖 Baud rate multiplier	1
🗖 Quad speed	
F Baud rate divider (prescaler)	4.000 💌
14 22 82 Ion	Restore Defaults
	OK Cance

Any advice or comments about our products and service, or anything we can help you with please don't hesitate to contact with us. We will do our best to support your products, projects and business.



Address:	Global American, Inc. 17 Hampshire Drive Hudson, NH 03051
Telephone:	Toll Free (U.S. Only) 800-833-8999 (603)886-3900
FAX:	(603)886-4545
Website: E-Mail:	http://www.globalamericaninc.com salesinfo@globalamericaninc.com