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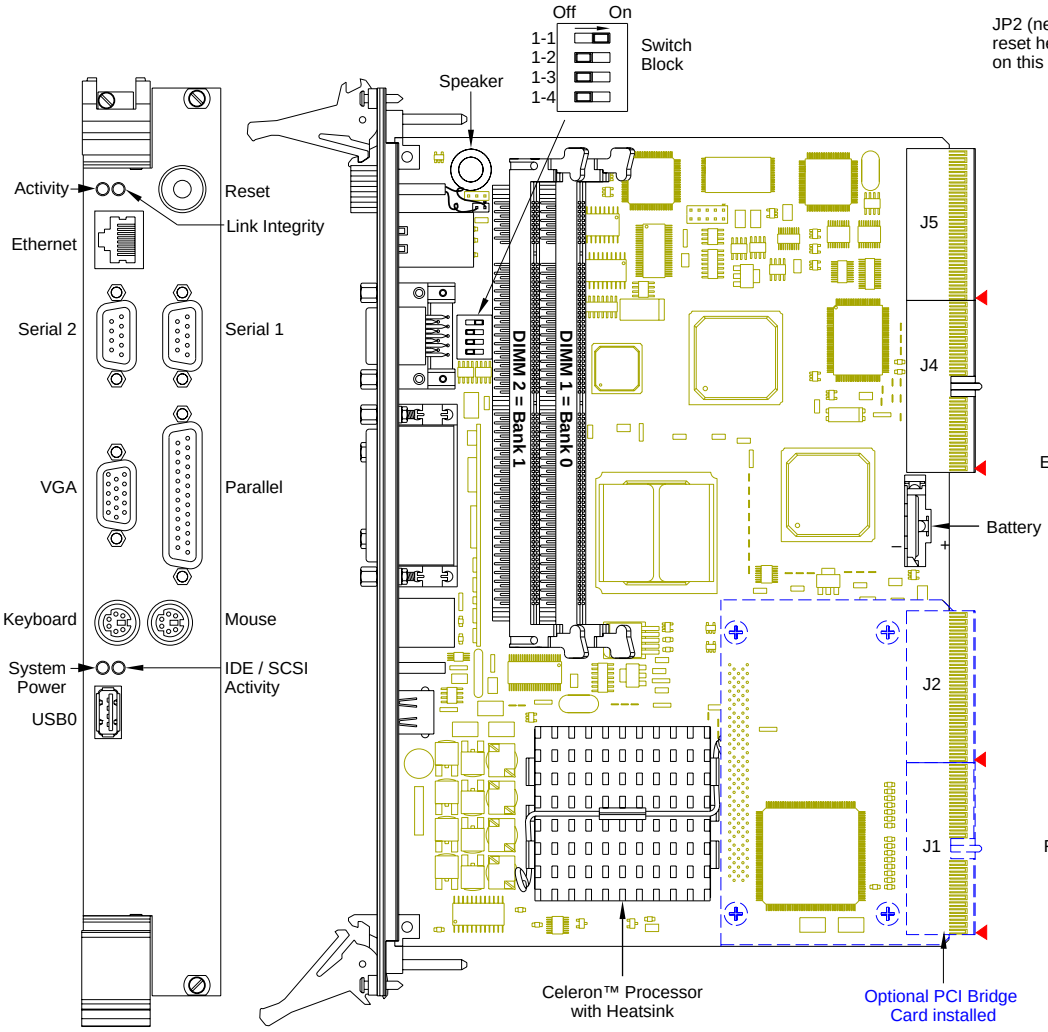
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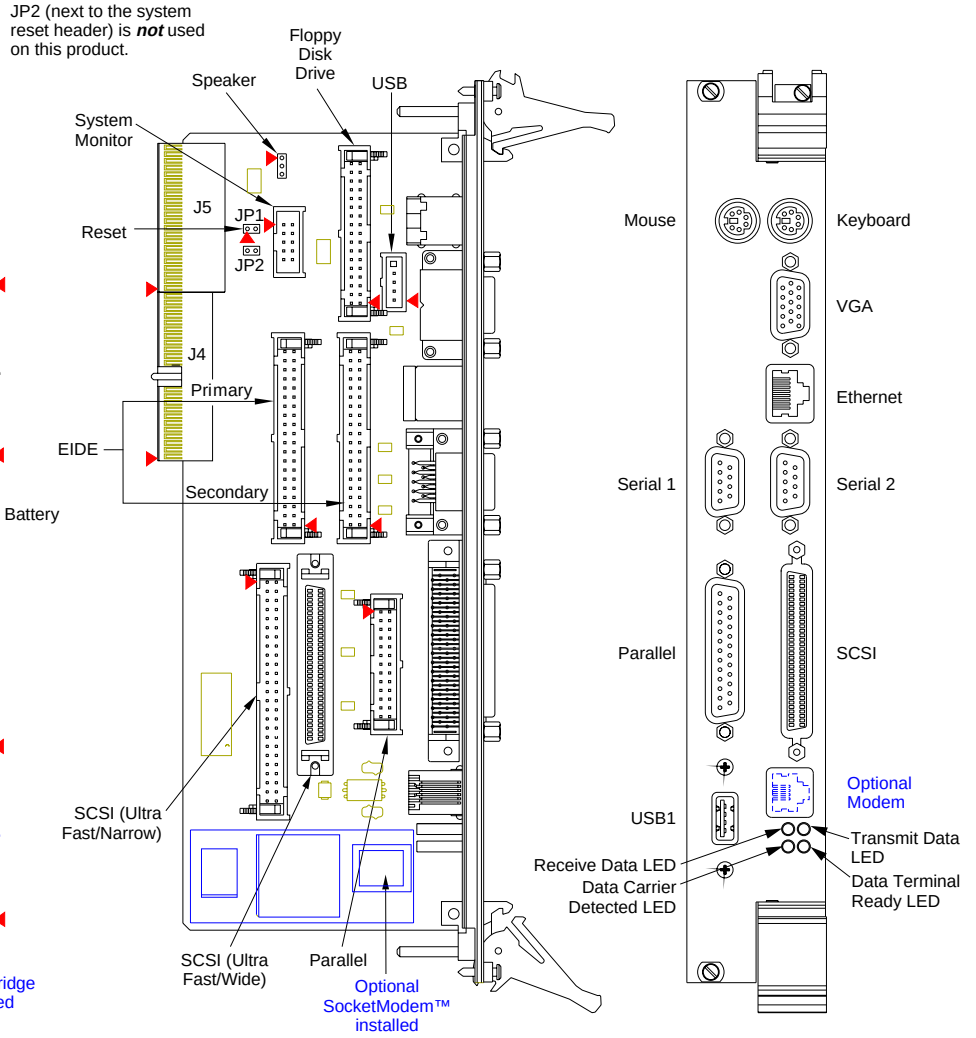
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Find the *RadiSys EPC-3221* at our website: *Click HERE*

EPC-3221 CompactPCI® SCB Quick Reference Card

This card provides information to help you quickly configure, install, and operate your system controller board (SCB). Keep this card in a convenient place for future use. See the back of this card for Web site, technical support, and start-up configuration settings.





EPC-3221 (C1000BX) System Controller Board

Pin 1

This illustration shows all optional on-board peripherals installed.

Note: For successful system controller board installation, the injector/ejector levers must be fully *open* during insertion. Carefully close the handles simultaneously *after* the module has begun to engage the connector body at the backplane.

Optional C1XTN02 Rear Transition I/O Module

Note: When installing the rear transition I/O module, place more force on the upper handle during connector engagement.

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Specifications subject to change without notice

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Technical and Product Support

Accessing the Web Site

In-depth printable service manuals and other documentation are available for download from the RadiSys Web site:

http://www.radisys.com

Then click on **Support** to access a link to the manuals, addenda, drivers and BIOS. The documentation for current and discontinued products is available at this Web site in Adobe® Acrobat® PDF format. Documentation may be viewed and printed using the free Acrobat® Reader™ software.

Calling Technical Support

RadiSys Corporation provides technical support Monday–Friday, 7:00 a.m.– 6:00 p.m. Central Time in the continental USA and 8:30 a.m.– 5:00 p.m. in Europe.

To expedite your request, have the RadiSys product model and serial number available. Then call one of the following numbers:

- Inside the continental USA, dial 1-800-438-4769.
- Outside the continental USA, dial 1-713-541-8200 (add long distance/international codes).
- In Europe, dial +31-36-5365595

Inspection of Contents / Packaging of Product

The packaging for this product has been tested to assure that it will withstand responsible handling by the carrier.

Caution: Inspect contents immediately and file a claim with the carrier for any damage. Save the shipping box and packaging material to use for any further shipment of this equipment.

However, if the packaging is damaged and is not suitable for shipment, call RadiSys Technical Support to obtain new packaging. The warranty may be void if the product is returned using unapproved or damaged original packaging.

Returning Your Product

The Returned Material Authorization (RMA) number and the serial number of each returned product must be written on the outside of the package and on any enclosed correspondence.

Note: The factory will refuse the shipment if it is sent freight collect or if it does not display an RMA number.

Quick Start

To begin operating your EPC-3221 and optional C1XTN02 Transition I/O Module, perform the following:

1. Ensure that all switch settings match your requirements.
2. Install the system controller board (SCB) and the transition I/O module onto a passive backplane within a chassis.
3. Attach all necessary peripheral devices to the appropriate headers and connectors on the SCB and transition I/O module (if present).
4. Power-on the system.
5. Run the Setup Utility if you need to change any settings to match your requirements.
   Note: See the table “Setup Utility” for factory default settings.



To avoid damage or injury, always exercise the following precautions when handling the equipment:
- Use a grounding wrist strap or other static-dissipating device
- Power-off the system
- Disconnect all power cords

Switch Settings

SW1-1	**Not Used**	
SW1-2	**On-Board ROM Access**	
	Open/Off	Crisis Recovery Mode disabled (default)
	Closed/On	Crisis Recovery Mode enabled
SW1-3	**CMOS RAM**	
	Open/Off	Normal operation (default)
	Closed/On	Factory default values are loaded
SW1-4	**Configuration Ports**	
	Open/Off	Map ports to I/O address 270 – 273 (default)
	Closed/On	Map ports to I/O address 370 – 373

Setup Utility

Note: This table lists all optional on-board peripherals installed.

The alternating white and shaded areas in the tables below represent individual screens in the Setup Utility.

Setup Item	Default Setting
System Time	Current (Hours, Minutes, Seconds)
System Date	Current (Month, Day, Year)
Legacy Diskette A	1.44/1.25 MB 3½”
Legacy Diskette B	Disabled
IDE Adapter Type	Auto (all 4 possible drives)
Memory Cache	Enabled
Cache System BIOS Area	Write Protect
Cache Video BIOS Area	Write Protect
Cache Base 0–512K	Write Back
Cache Base 512K–640K	Write Back
Cache Extended Memory Area	Write Back
Cache A000 – EFFF	Disabled (all regions)
Boot Summary Screen	Enabled
Floppy Check	Disabled
Quiet Boot Screen	Enabled
POST Errors	Enabled
Hard Disk Pre-Delay	3 sec.
Keyboard Numlock	Auto
Key Click	Disabled
Keyboard Auto-Repeat Rate	30/sec
Keyboard Auto-Repeat Delay	1/2 sec
Serial Port A	Enabled; 3F8/IRQ4
Serial Port B	Enabled; 2F8/IRQ3
Parallel Port	Enabled; Bi-Directional, 378, IRQ7
Floppy Disk Base I/O Address	Enabled; Primary
Local Bus IDE Adapter	Both

Setup Utility, continued

Setup Item	Default Setting
ECC Config	EC
Watchdog Timer Status	Disabled
Watchdog Timer Delay	1.2 sec
Thermal Duty Cycle	37.5%
PCI IRQ Line 1 – 4	Auto Select (all IRQ lines)
ENUM#IRQ	Disabled
USB IRQ Enable	Yes
Latency Timer	Auto
Cache Line Size	Auto
PCI/PNP ISA UMB Region Exclusion	Available (all regions)
PCI/PNP ISA IRQ Resource Exclusion	Available (all IRQs)
Embedded AGP VGA	Enabled
Ethernet	Disabled
Ethernet Port	Front Panel
Adaptec Ultra-2 SCSI Adapter	Disabled
PS/2 Mouse	Auto Detect
On-board Speaker	Enabled
CPU BIOS Update	Enabled
Plug & Play O/S	No
Secured Setup Configuration	Yes
Reset Configuration Data	No
Large Disk Access Mode	DOS
Password on Boot	Disabled
Fixed Disk Boot Sector	Normal
Diskette Access	Supervisor
Virus Check Reminder	Disabled
System Backup Reminder	Disabled
Power Savings	Disabled
Standby Timeout	Off
Auto Suspend Timeout	Off
Hard Disk Timeout	Disabled
Power Savings	Disabled
Standby Timeout	Off
Auto Suspend Timeout	Off
Hard Disk Timeout	Disabled
Video Timeout	Disabled
Resume on Modem Ring	Off
Resume on Time	Off
Resume Time	00:00:00 (24-hour format)
Console Redirect Port	Disabled
Console Redirect Baud Rate	9600

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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