

eCard-LK02

User Manual

Version 1.0



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1. eCard-LK02 Introduction

The eCard-LK02 card is a board used to interface external Compact PCI products in a notebook computer. It is a Compact PCI Link board that does not require a driver and can be used in any operating system by connecting to the standard Express Card/PCMCIA Card Bus. However, our board cPCI-LK02

The cPCI-LK03 Compact PCI Link board is required.

[Figure 1-1] shows the connection between the Compact PCI System and the notebook computer.



[Figure 1-1. eCard-LK02 & Compact PCI System Connection]

1-1 eCard-LK02 Features

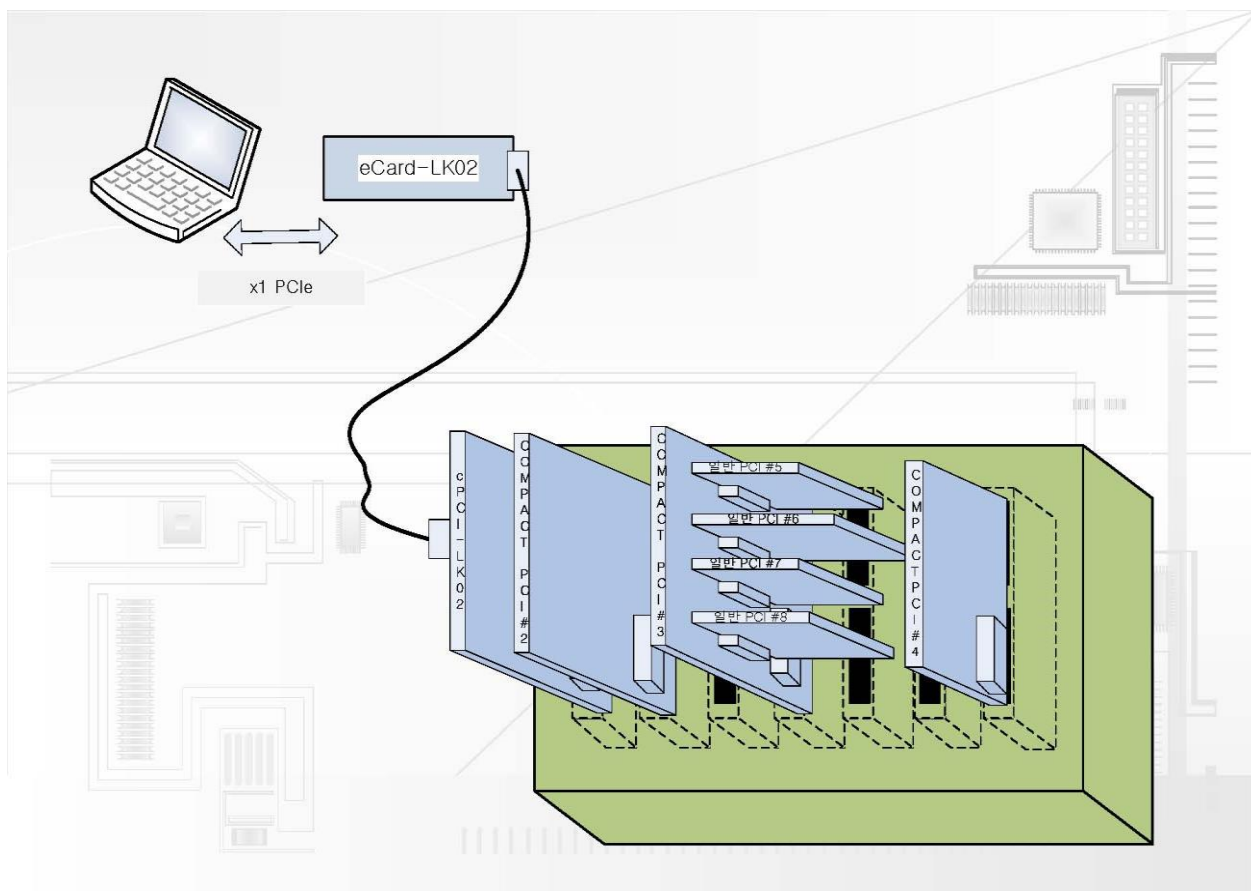
- Express Card/34 Interface
- PCMCIA Card Bus Interface

1-2 Applications

- Industry Control Board
- Compact PCI Interface on Notebook

2. eCard-LK02 Board Description

2-1 eCard-LK02 Connection

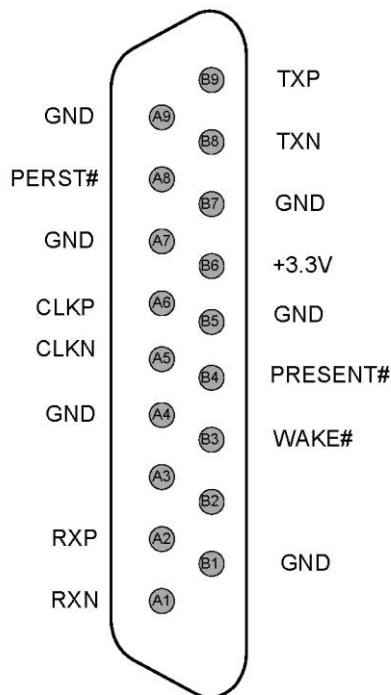


[Figure 2-1. eCard-LK02 & Compact PCI Link Board Connection]

[Figure 2-1] shows the connection with the link board (cPCI-LK02 or cPCI-LK03) in the Compact PCI system.

2-2 J1 Connector Pin-Out

The Express PCI signal of the eCard-LK02 is transmitted through a J1 (MDR-18) connector.



[Figure 2-2. eCard-LK02 J1 Connector Pin-out]

[Table 1. J1 Connector Description]

No.	Name	Description	Remark
A1	RXN	Negative Receiver	
A2	RXP	Positive Receiver	
A3	N.C	No Connection	
A4	GND	Ground	
A5	CLKN	Negative Reference Clock	
A6	CLKP	Positive Reference Clock	
A7	GND	Ground	
A8	PERST#	Power Stable Signal	
A9	GND	Ground	
B1	GND	Ground	
B2	N.C	No Connection	
B3	WAKE#	Wake-Up System	
B4	PRESENT#	Add-in Card Presence Detect	
B5	GND	Ground	
B6	+3.3V	+3.3V Power	
B7	GND	Ground	
B8	TXP	Positive Transceiver	
B9	TXN	Negative Transceiver	

Appendix

A-1 Board Size

The size of the board are as follows. (111 x 34mm)



A-2 Repair Regulations

Thank you for purchasing DAQ SYSTEM's product. Please refer to the following regarding Customer Service stipulated by DAQ SYSTEM.

- (1) Please read the user's manual and follow the instructions before using the DAQ SYSTEM product.
- (2) When returning the product to be repaired, please send it to the head office with the symptoms of the malfunction as well.
- (3) All DAQSYSTEM products have a one-year warranty.
 - The warranty period is counted from the date the product is shipped from DAQ SYSTEM.
 - Peripherals and third-party products not manufactured by DAQ SYSTEM are covered by the manufacturer's warranty.
 - If repair is required, please contact the contact points below.
- (4) Even during the free repair warranty period, paid repairs are made in the following cases.
 - ① Failure or damage caused by not following the user's manual
 - ② Failure or damage caused by customer negligence during product transportation after purchase
 - ③ Natural phenomena such as fire, earthquake, flood, lightning, pollution, etc. or power supply exceeding the recommended range malfunction or damage
 - ④ Failures caused by inappropriate storage environment (eg, high temperature, high humidity, volatile chemicals, etc.) damaged
 - ⑤ Failure or damage due to unreasonable repair or modification
 - ⑥ Products whose serial number has been changed or intentionally removed
 - ⑦ In the event that DAQ SYSTEM determines that it is the customer's negligence for other reasons
- (5) The customer must bear the shipping cost of returning the repaired product to DAQ SYSTEM.
- (6) The manufacturer is not responsible for any problems caused by incorrect use regardless of our warranty provisions.

MEMO

Contact Point

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