

Product Change Notice

This statement is to address your concerns regarding Advantech's PCI digital I/O cards, namely PCI-1753-A and PCI-1753-B.

In response to customers' requests, Advantech has added the BoardID™ switch function on the newly revised PCI-1753-B. Please be informed that PCI-1753-A is planned to be phased-out in July 2005, since the new PCI-1753-B can replace version A completely. You are assured that the specifications and functions of PCI-1753-A and PCI-1753-B are identical, except there is one additional Board ID function in PCI-1753-B. The extension board PCI-1753E is also fully compatible with PCI-1753-B.

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Specifications

	PCI-1753-A	PCI-1753-B
I/O Channels	96 digital I/O lines for only PCI-1753; 192 digital I/O lines by extending to PCI-1753E	
Programming Mode	8255 PPI mode 0	
Input Signal	logic level 0: 0.8 V max. logic level 1: 2.0 V min	
Output Signal	logic level 0: 0.44 V max. @ 24 mA (sink) logic level 1: 3.76 V min. @ 24 mA (source)	
Connector	One 100-pin SCSI female connector (Ribbon type)	
Dimensions (L x H)	175 x 100 mm (6.9" x 3.9")	
BoardID	NA	Yes

Software Compatibility

To support the new BoardID function, it is necessary to update the new driver shipped with PCI-1753-B. The package version is V2.1.7.001 or above. Compatibility tests have been done with both PCI-1753-A and PCI-1753-B. Based on the new driver, the existing program will have no problems running on both version A and B.

Board Design

All connectors and jumpers on version B are identical with version A. The only visible difference is the addition of a BoardID DIP switch called SW1. Please refer to the following pictures for details.

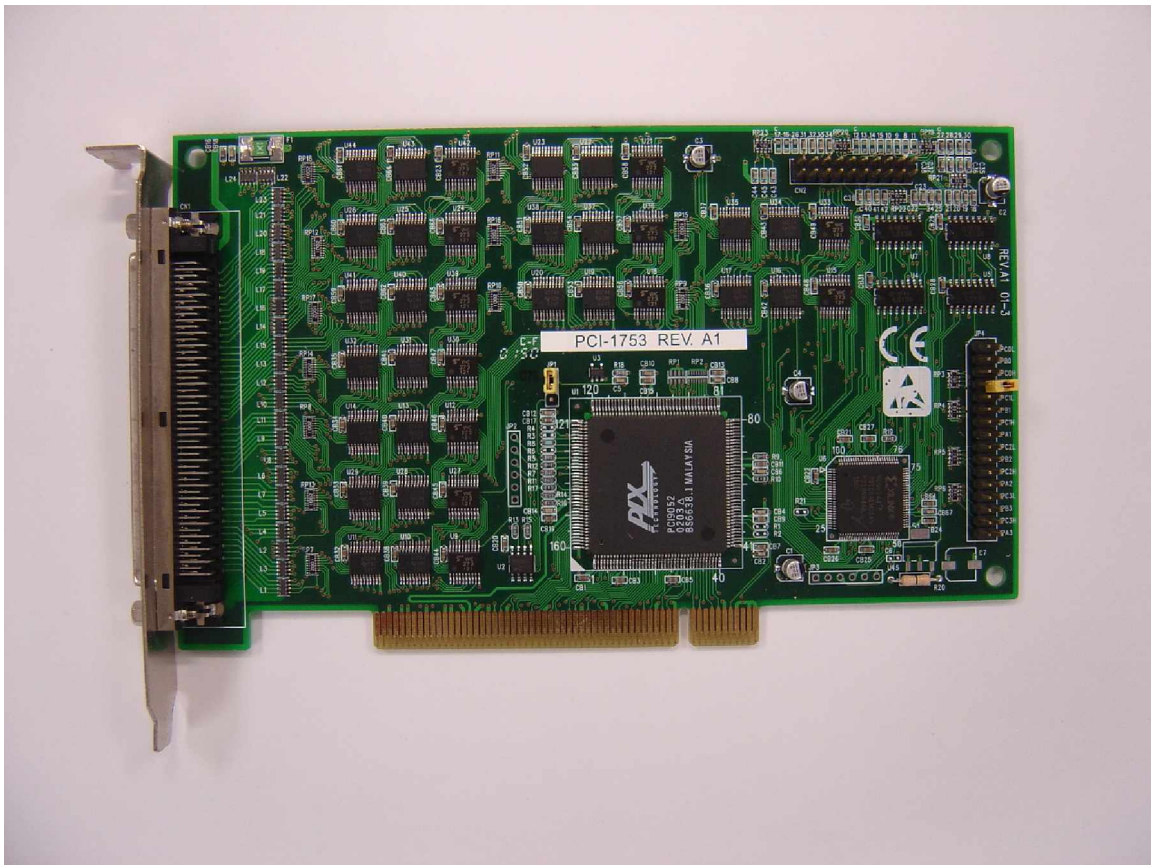


Figure1 PCI-1753-A

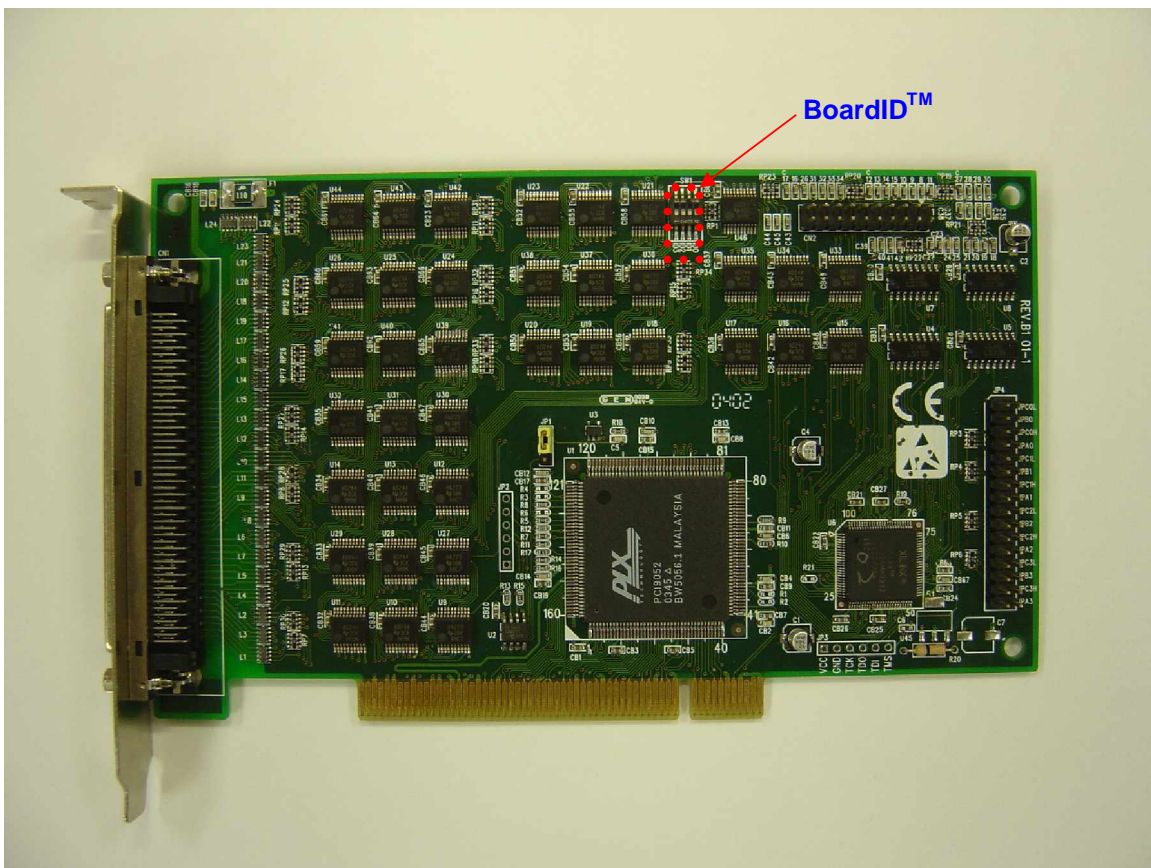


Figure2 PCI-1753-B

If you have any further questions regarding compatibility or applications, please feel free to contact us at any time.

Best regards,

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