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Macintosh IICI: Use Rev D.2 of NB-GPIB Card

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TOPIC -----

National Instruments' NB-GPIB card is slot-dependent and needs to be stationed in slot 3. The card works fine in a Macintosh IICx, but on the Macintosh IICI, the slot appears to be slot 6 to the application software. Is there any way around this?

DISCUSSION -----

According to National Instruments, the NB-GPIB card is not slot-dependent and works without any problem in the Macintosh IICI. However, an early revision of this card (Rev D.1) had a compatibility problem with some systems. The problem was with one noise logic chip on the card, the AS02 at card location U19. The Rev D.2 NB-GPIB cards have an LS02 at location U19.

You can exchange the Rev D.1 card with National Instruments for a card that have the LS02 installed. Or, you can upgrade a Rev D.1 NB-GPIB card to Rev D.2, by changing the IC at U19 from the AS02 to an LS02. However, users who change the chip will void the warranty on the NB-GPIB card.

Note: when running the NB-GPIB card test utility, the card may show a failure, depending on the version of the software used. Below is a listing of the software revisions.

Software

Release 3.0

PIO: Pass
DMA: Pass
ibconf: Pass

Release 2.3

PIO: Pass
DMA: Fail
ibconf: Pass

Release 2.2

PIO: Pass

DMA: Fail

ibconf: Fail

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