MDIS5 PCI & Chameleon BBIS PCI Descriptor Usage

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| PCI Descriptor Key | PCI BBIS | Chameleon BBIS | Note |
| Usage | One BBIS instance handles the specified PCI device(s) (**one or more**) at one PCI bus. | One BBIS instance handles the specified PCI chameleon FPGA. |  |
| PCI\_DOMAIN\_NUMBER | Optional, Default: 0 | Optional, Default: 0 | Specifies the PCI domain number for the BBIS instance |
| SKIP\_DEV\_BRIDGE\_CHECK | Optional, Default: 0 If the targeted PCI unit is a bridge: 0: The driver automatically searches for PCI devices behind the bridge until more then one PCI device is found (PCI\_Init aborts with an error) or until only one PCI device is found (this device is then targeted).  1: The driver handles the specified PCI bridge device. | - | If 0, the **PCI bus number** and **PCI device number** may be changed for the BBIS instance |
| PCI\_BUS\_NUMBER | Mandatory, if PCI\_BUS\_PATH not specified; Precedence before PCI\_BUS\_PATH | Mandatory, if PCI\_BUS\_PATH not specified; Precedence before PCI\_BUS\_PATH | Specifies the **PCI bus number** for the BBIS instance |
| PCI\_BUS\_PATH | Mandatory, if PCI\_BUS\_NUMBER not specified; may be empty to specify PCI bus 0 | Mandatory, if PCI\_BUS\_NUMBER not specified; may be empty to specify PCI bus 0 | Specifies the **PCI bus number** for the BBIS instance |
| DEVICE\_SLOT\_n | Mandatory, if device n shall be handled; n specifies the MDIS slot number | - | Specifies the **PCI device number** for device n |
| \_WIZ\_SLOT | MDISWIZ uses this entry as location information (slot number) | - |  |
| PCI\_DEVICE\_NUMBER | - | Mandatory, if PCI\_BUS\_SLOT not specified; Precedence before PCI\_BUS\_SLOT | Specifies the **PCI device number** for the BBIS instance |
| PCI\_BUS\_SLOT | - | Mandatory, if PCI\_DEVICE\_NUMBER not specified | Specifies **the PCI device number** |
| MDISWIZ uses this entry always as location information (slot number) |
| FUNCTION\_SLOT\_n | Optional, Default: 0; only read if DEVICE\_SLOT\_n exists; not supported from MDISWIZARD (only used from MDIS4 for Windows) | - | Specifies the **PCI function number** for device n |
| PCI\_FUNCTION\_NUMBER | - | Optional, Default: 0 | Specifies the **PCI function number** |