

Application Note

Driver Is Not Necessary for 8888

Apr. 26, 2005

Reversion History

Reversion	Change List	Note
1.0		Initial version

General Situation

The standard purpose of 8888 is to be designed on motherboard. According to Intel ICHx specifications, if AD22 is connected to IDSEL, the ISA-bridge can be hidden. Please refer to the description of D31:F0 D0h-D3h bit24 from ICH2 specification.

Bit	Description
24	Hide ISA Bridge (HIDE_ISA)—R/W. 1 = Software sets this bit to 1 to disable configuration cycle from being claimed by a PCI-to-ISA bridge. This prevents the operating system PCI PnP from getting confused by seeing two ISA bridges. It is required for the ICH2 PCI address line AD22 to connect to the PCI-to-ISA bridge's IDSEL input. When this bit is 1, the ICH2 does not assert AD22 during configuration cycles to the PCI-to-ISA bridge. 0 = The ICH2 does not prevent AD22 from asserting during configuration cycles to the PCI-to-ISA bridge.

Special Situation

Only for other situations that AD22 can not be connected with IDSEL, drivers are useful. ITE can provide a temporary Win2K driver for the customers who do not know IDSEL should be connected to AD22 at the earlier stage of on-board design for Lab. use.

lte.inf

```
[Version]
Signature=$CHICAGO$
Class=System
Provider=%String0%
```

```
[Manufacturer]
%String1%=ITE_SYS
```

[ITE_SYS]
%String2%=NO_DRV,PCI\VEN_1283&DEV_8888

[DriverInstall.NT]

[DriverInstall]

[NO_DRV]

[NO_DRV.Services]
AddService = , %SPSVCINST_ASSOCSERVICE% ; null service install

[Strings]
String0="ITE"
String1="ITE"
String2="ITE 8888 PCI to ISA bridge"
SPSVCINST_ASSOCSERVICE = 0x00000002