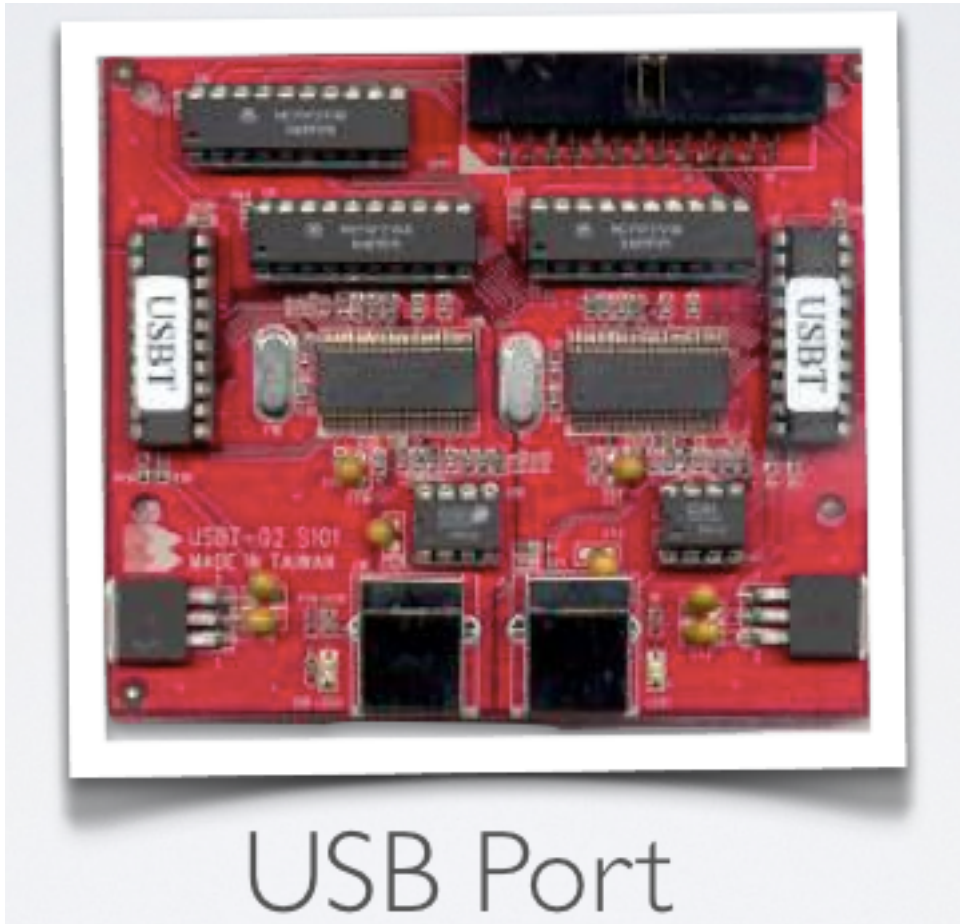


Section 1: Introduction

1. Accessories

1.1. USBT-02 Test Card * 1



1.2. USBT Cable * 2

Section 2: Common Program Syntax

1-1> Filename: BRUsbTst.exe

1-2> Syntax: (BRUsbTst)

```
BRUsbTst [T??][-Log][Exit?][Create]

Exit0 : Exit Under All Conditions
Exit1 : Exit On Pass ( Halt on Error )
Create : Create and Write the Test Result to BearTestReport.log
-Log   : Without Saving the Test Result to BearTestReport.log
        (Default): Append the Test Result to BearTestReport.log

T2    : USBT-02 2 Ports test
T8    : USBT-02 8 Ports test
T12   : USBT-02 12 Ports test ( Max. 16 Ports )

BRUsbTst      : Show Help Message
BRUsbTst T6   : 6 Ports
BRUsbtst T16 Exit0 : 16 Ports Exit All
BRUsbTst T8 Exit1 : 8 Ports Exit On Pass
BRUsbTst T4 Create : 4 Ports Create BearTestReport.log
```

Section 3: Testing Principle

1. Functions

- 1.1. Functional Test of USB 1.1 & USB 2.0

2. Compatibility

- 2.1. Motherboard, Notebook, IPC, Server, Hub & PCI Card

3. Efficiency

- 3.1. The testing procedure only requires one program BRUsbTst.exe to complete the full functional test of all the USB Port

4. Testing Material

- 4.1. USB 1.1 & USB 2.0 Data Transfer
- 4.2. Control Transfer
- 4.3. Bulk Transfer
- 4.4. D+/ D-
- 4.5. VCC/ GND

5. Testing Procedure

- 5.1. Attach USBT-02 Test Card to USB Port
- 5.2. Boot up system to Win XP platform
- 5.3. Run the driver (**CyUsb.sys**) provided by Cypress
- 5.4. Execute **BRUsbTst.exe**

6. Demonstration

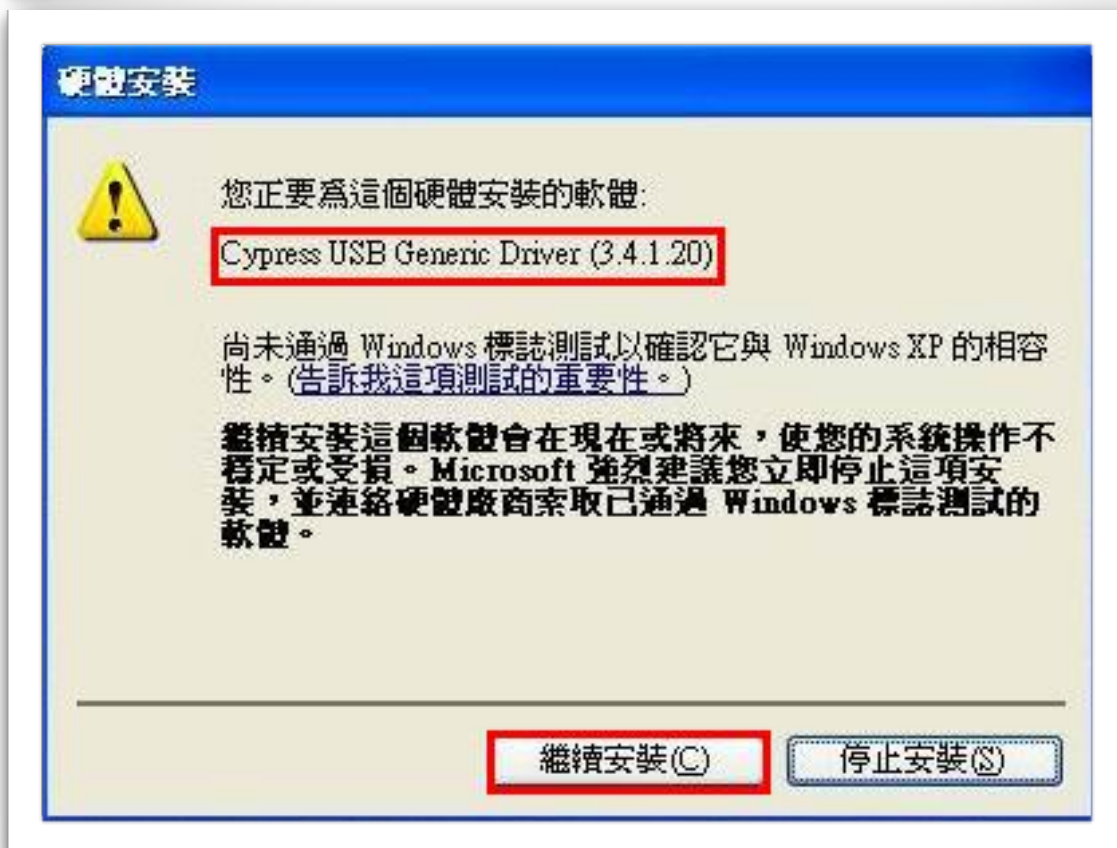
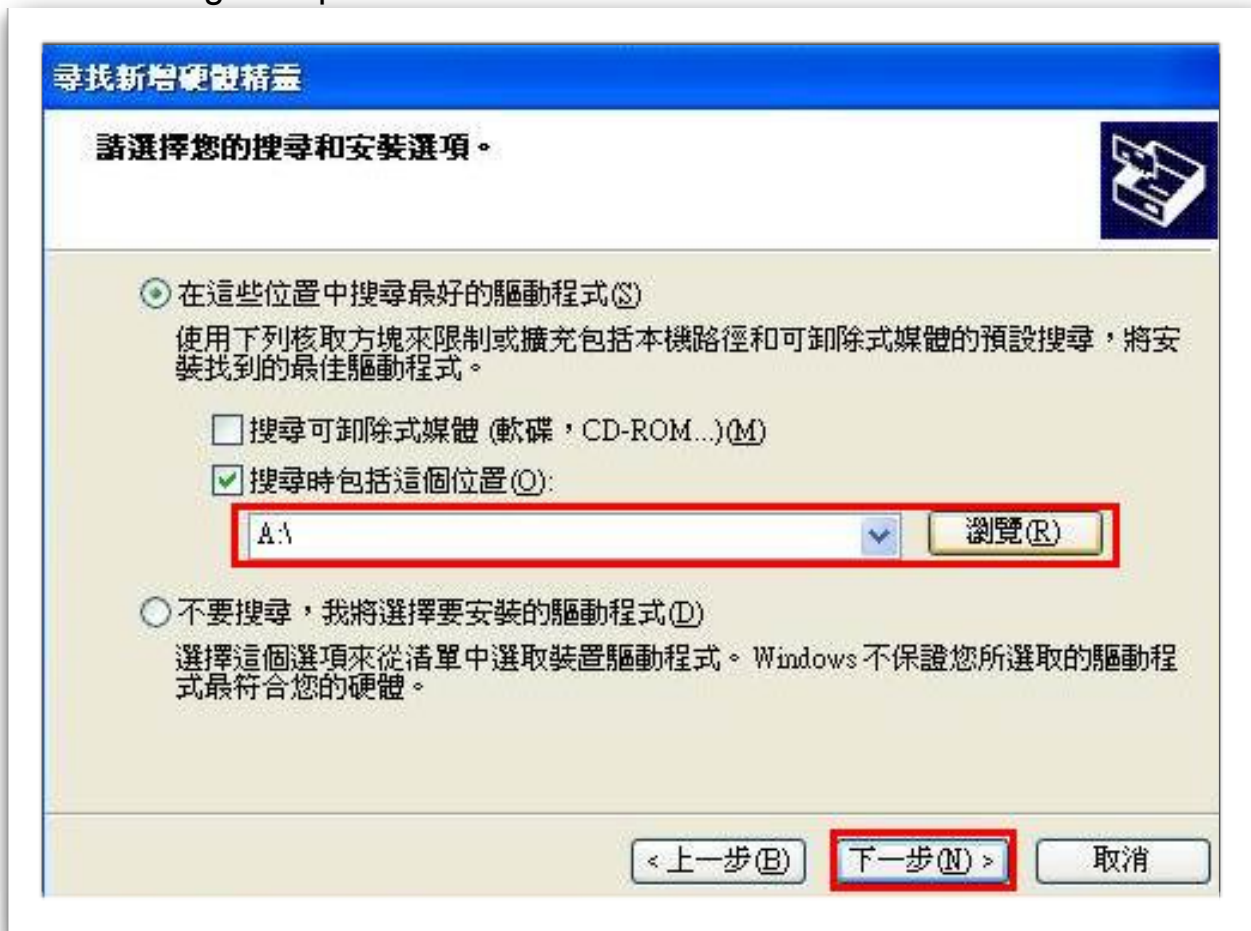
6.1. USBT-02 Test Card detected in Windows



6.2. Install the driver (CyUsb.sys) provided by Cypress



6.3. Assign the path of driver



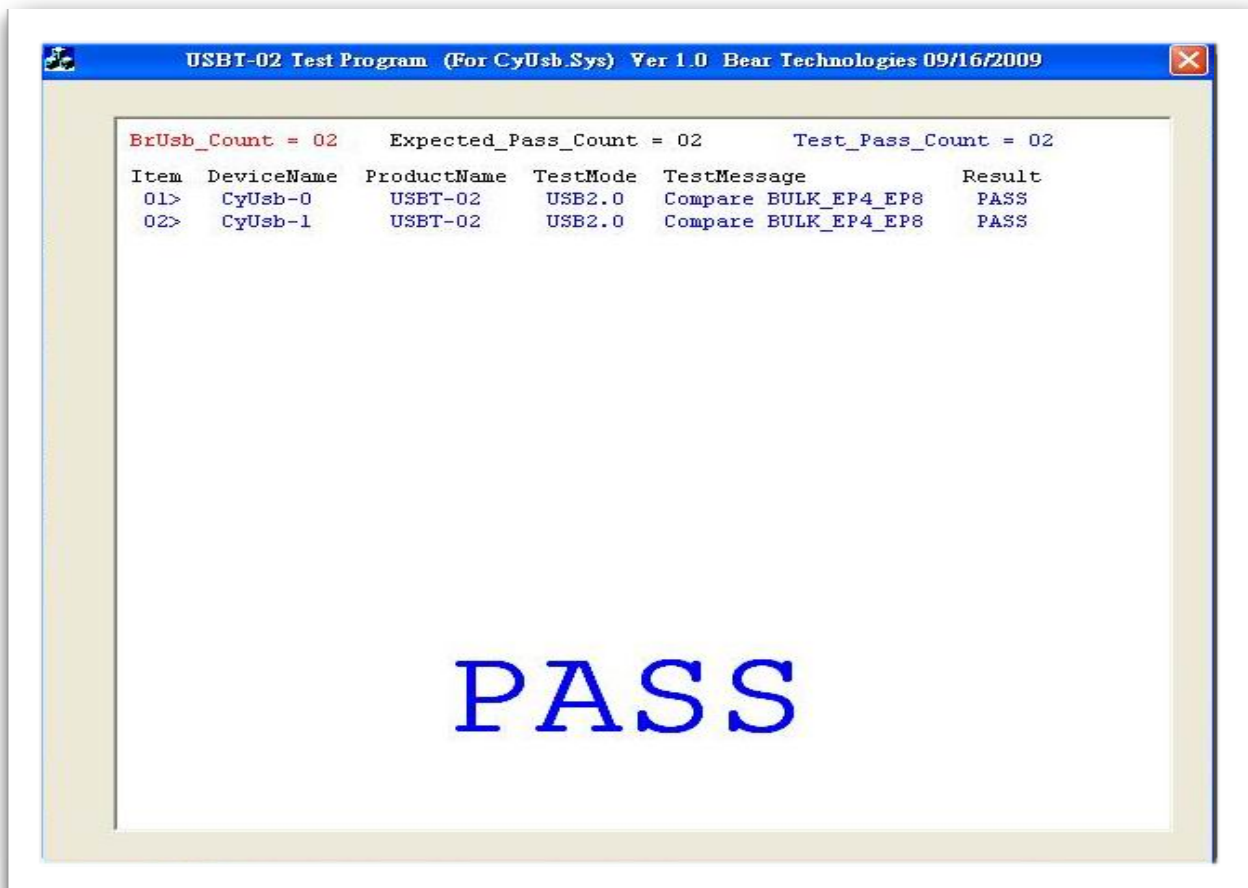
6.4. Complete driver installation



6.5. Input command in Command Prompt



6.6. Test Screen for a Pass Result



6.7. Test Screen for a Fail Result



Section 4: Test Result

1. Chipsets which have been tested

Intel 915PL	+ ICH6	(GIGABYTEGA-81915PL-G)
Intel 945P	+ ICH7R	(GIGABYTE GA-81945P)
Intel 945G	+ ICH7	(GIGABYTE GA-945GM)
Intel 975X	+ ICH7R	(GIGABYTE G1975X-C)
Intel 965	+ ICH8	(GIGABYTE GA-965GM)
Intel P35	+ ICH9R	(ASUS P5K PRO)
Intel G45	+ ICH10R	(ASUS P5Q-EM)
nVidia GeForce6100/nForce 430		(GIGABYTE M61P-S3)
ATI Radeon Xpress 200 CrossFire		(ASUS A8R-MVP)
ATI Radeon Xpress 3200/ULI M1575		(ASUS A8R32-MVP)
ATI RD480/ULI M1575		(ABIT AT8)

Section 5: Support



Program updates and product related information can be viewed and downloaded at:

<http://www.beartech.com.tw>

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