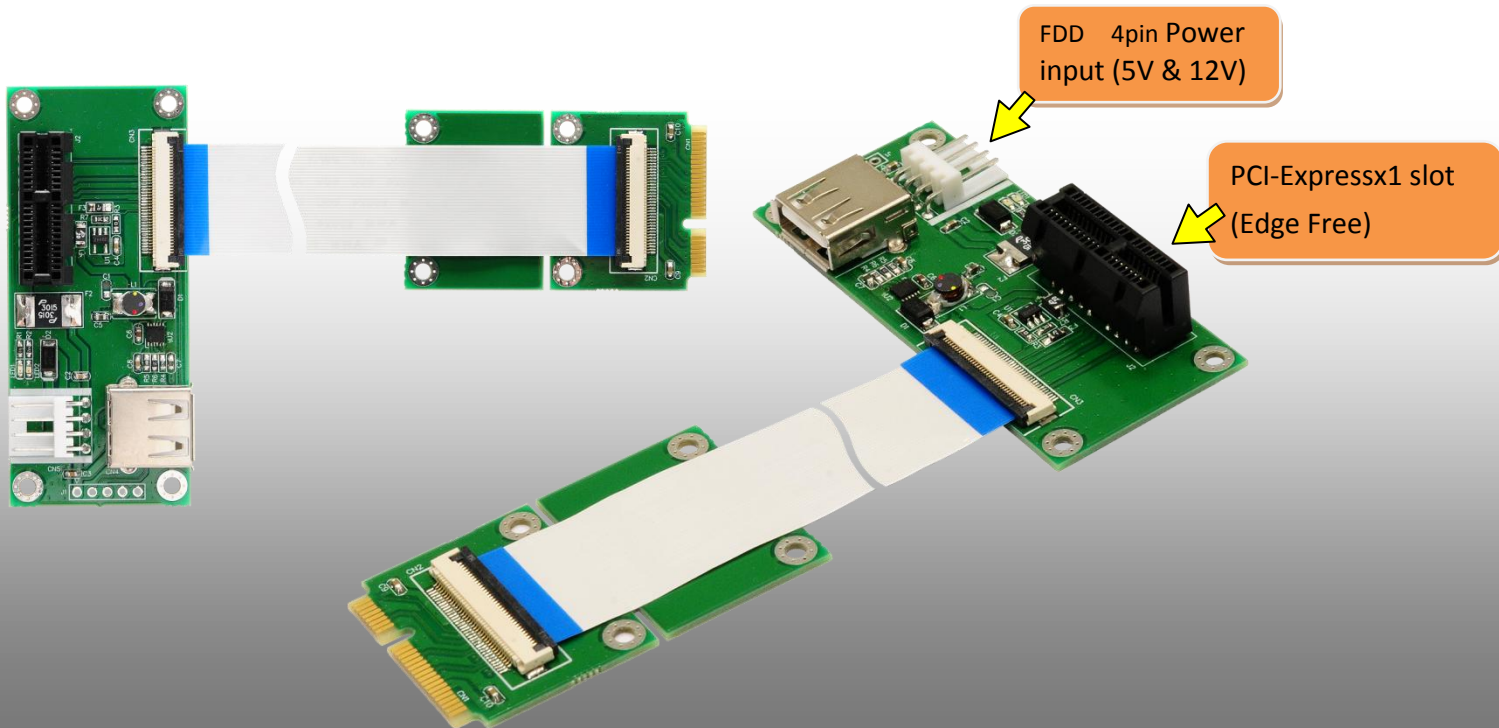


## P24S-P24F V2.0a

PCI-Express to MiniCard Extender

Product > Extender Board > P24S-P24F V2.0a



### First Impression

The P24F-P24F V2.0a Extender is a debug and test tool to extend PCI-Express slot from MiniCard (mPCIe) slot. Design the FFC (Flat Flexible Cable) cable for flexible use.

Not only for Full-size MiniCard adapter but also Half-size MiniCard by removing extra Full-size extensions.

As PCI Express x1 connector is edge-free / multi-lane, x4, x8 and x16 PCIe Cards are also available.

The extender is designed to minimize the signal degradation effects of the extender by proven design techniques. It's also a powerful tool for engineers and factory tests.

### Function

- Easy Installation
- No drivers needed for this MiniCard to PCI-Express Adapter
- Support Windows 2000/Server 2003/XP & XP 64-bit/Vista & Vista 64-bit/ 7 & 7 64-bit
- Supports both PCI Express based and USB 2.0 based MiniCard slot
- Supports USB 2.0 480 Mb/s data rate
- Miscellaneous: WAKE#, PERST#

#### Warning:

If MiniCard slot on the host does not support PCIe or USB interface, the interface can not be supported.

Other PCIe speed of PCIe2.0 (5Gbps)/PCIe3.0(10Gbps) is not guaranteed.

## Specification

- PCI Express™ Mini Card Electromechanical Specification Revision 1.0
- PCI Express base Specification 1.1 (Up to 2.5Gbps)
- USB Specification, Release 2.0 Hi-Speed (Up to 480Mbps)
- System Management Bus (SMBus) Specification, Version 1.1
- PCI Express Card Electromechanical (CEM) Specification 1.1
- Power Supply:  
3.3V (For PCIe Slot, from MiniCard),  
5V (For USB, from FDD 4 pin),  
12V (For PCIe, from FDD 4pin)

FFC Cable: Width 18.5mm, Thickness 0.1mm

## System Requirements:

- ◆ PCI express mini card slot

### P24S-P24F V2.0a Package



**P24F**  
PCIe x1 slot (edge) x1



**P24S**  
mPCIe head (gold finger) x1



**FFC0536P-030A**  
(FFC cable 30cm) x1



**Y04-V01-015**  
(External 5V/12V power supply) x1



**Screw x2**