FISP[©] (Flash In-System Programmer) Installation Guide

This document is a step by step guide for installing the FISP[©] loader Application onto your computer that is running the Microsoft Windows[®] XP operating system.

Terms

 $FISP^\circ\text{-}$ The $FISP^\circ\text{hardware}$ itself. $FISP^\circ\text{Loader}$ - The $FISP^\circ\text{Application}$ software that runs on your PC. Target - The Target microcontroller in your product.

Step 1 : Downloading the FISP[®] Application Installer

Do not plug the FISP[©] into your PC until indicated.

Make sure you are connected to the Internet and can access web pages. The application installer is available from the 4D Electronics' website and may be downloaded by clicking on the following link: "<u>http://www.4d-electronics.co.nz/FISP/setup.exe</u>".

Depending on your version of the Internet web browser and your security settings the following boxes may look different and some windows may not even show up.

In the window below click the "Run" button.

File Download - Security Warni 🗙
Do you want to run or save this file?
Name: setup.exe Type: Application From: www.4d-electronics.co.nz Run Save Cancel
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. <u>What's the risk?</u>
click the "Run" button
In the mark Front Lance Constant Mile and the A

In the security window below click the "Run" button

Inte	rnet Explorer - Security Warning 🛛 🗙
The p softw	ublisher could not be verified. Are you sure you want to run this are?
Na	ame: setup.exe
Publis	her: Unknown Publisher
	Run Don't Run
8	This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. <u>How can I decide what software to run?</u>

You may also choose to run the application then run it from your local computer.

Step 2 : Uninstall any previous Versions of the Application

If you have not installed the FISP[®] before or are unsure then go to Step 3. Navigate to windows control panel which can be found on the start menu and find "Add or Remove Programs" In the list locate the FISP[®] Application and the FISP[®] Driver, the number, 3.2.1.4, may be different from that shown below.



Click on the Fisp item then click the "Remove" button as below.

	✓ Fisp 3.2.1.4 Size <u>3.82MB</u>
	Click here for support information. Used frequently
	Last Used On 16/08/2007
	To remove this program from your computer, click Remove.
Click the "Yes" button in the	window below.
	Fisp Uninstall 🛛 🗙
	2 Are you sure you want to completely remove Fish and all of its components?
	Yes No
The following window confirm	s a successful uninstall. Click the "OK" button.
	Fisp Uninstall
	Fisp was successfully removed from your computer.
	ОК
Repeat the same steps for the	FISP [©] USB Programmer (Driver Removal).
If the window below appears t	hen click the "Uninstall" button.
	SFISP USB Programmer Driver Uni 🗙
	FISP USB Programmer
	Installation Location: Driver Version 3.1.0.0
	C:\Program Files\4DElectronics\Fisp\Driver\
	Uninstall Cancel
On a successful uninstall of th	e driver the following window will be displayed. Click the '
	Success X
	Driver has been successfully uninstalled

Step 3: Running the Application Installater Once the Installer is run you should get the following window. If the following security window appears then click the "Run" button.

Open Fi	ile - Security Warning		×
The publisher could not be verified. Are you sure you want to run this software?			
	Name: setup.exe		
	Publisher: Unknown P	ublisher	
	Type: Application		
	From: C:\		
		Run Cancel	
🗹 Alwa	ays ask before opening this fil	e	
8	This file does not have a va publisher. You should only <u>How can I decide what sof</u>	alid digital signature that verifies its run software from publishers you trust. tware to run?	

OK

Click the "OK" button in the window below.



If you get a window like the following window then you must go back to step 2 and uninstall the the application AND the driver.



Click the "Next" button on the following window



Click the "Next" button on the following window.



If you get a window like the window shown below, click the "Yes" button.

	Folder	r Exists 🗙	
	?	The folder:	
	~	C:\Program Files\4DElectronics\Fisp	
		already exists. Would you like to install to that folder anyway?	
		Yes	
	<u> </u>		
Click the "Next" button on the	e followi		
	Select S	Start Menu Folder re should Setup place the program's shortcuts?	
	2		
	4	Setup will create the program's shortcuts in the following Start Menu folder.	
	Fisp	ontinue, click Next. If you would like to select a different folder, click Browse.	
		< Back Next > Cancel	
On this window click the box	"Create :	a desktop icon" then click the "Next" buttop	
	🕫 Setu	up - Fisp 🛛 🖓 🔤 🔤 🔍	
	Select A	Additional Tasks	
	Which	an additional tasks should be performed?	
	Select click 1	ct the additional tasks you would like Setup to perform while installing Fisp, then Next.	
	Additi	tional icons:	
		< Back Next > Cancel	
The application is now ready t	to install	l and will show you a summary like the window belo	w.
	🕏 Setu	Jp - Fisp 🖃 🗖 🗙	
	Ready t Setup	to Install p is now ready to begin installing Fisp on your computer.	
	Click I chang	Install to continue with the installation, or click Back if you want to review or ge any settings.	
	Desti	tination location: C:\Program Files\4DElectronics\Fisp	
	Start Fi	t Menu folder: Fisp	
	Additi	itional tasks: Additional icons:	
		Create a desktop icon	

The applie Click the "Install" button.



< Back Install Cancel

A window will pop up as as below. Click the "Install" button.



A scanning window show will up which may take some time to complete depending on the speed of your computer. Once the driver installation is completed it will show a window similar to the window below. Click the "OK" button.



On the following window click the "Finish" button.



The FISP[®] application will now launch. If it doesn't click the desktop icon that it has created as shown below.



Step 4: Completing the FISP[®] Hardware installation

Plug the supplied USB cable into a USB port on your computer and the other end of this cable into the FISP[®]. The Found New Hardware Wizard window should appear. Click the radio button "Yes, this time only" and then the "Next" button.



On the following window click the "Next" button.

Found New Har	dware Wizard	
	This wizard helps you install software for: FISP USB Programmer If your hardware came with an installation CD or floppy disk, insert it now.	
le la	What do you want the wizard to do?	
	< Back Next > Cancel	

Depending on the speed of your computer it could take several minutes for the wizard to search. If you get the a window similar to the following then click the "Continue Anyway" button.



On completion the following window will show. Click the "Finish" button.



In the FISP[®] Application, from the drop down Options menu select the item "Select FISP Comms Port" The following window will appear and USB should be displayed as shown. Click the "OK" button.

Comm Por	t 🔀
	Select a valid COM Port from the list below
USB	-
~ 0ł	K Cancel

On the bottom left of the application window it should look as follows. Note that the Ver 5.9 may be a different number.



The FISP[®] Application and hardware has now been installed and are ready for use.