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Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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TimeFlash

Software Installation Guide

1. Introduction

This is the operation manual for the Microchip TimeFlash product.

The Microchip TimeFlash kit consists of the TimeFlash programmer, USB cable, antistatic tweezers, Quick Start guide & installation USB Flash drive.



Figure 1. Microchip TimeFlash kit

2. Personal Computer Requirements

The installation of the TimeFlash software on a personal computer system requires the following resources:

- **Operating system:** Windows 7, Windows 8.1, Windows 10.
- **Memory:** A minimum of 512 MB of available RAM storage is expected.
- Hard disk storage: 4 MB of HDD storage space must be available for permanent use by TimeFlash.
- **CPU Speed:** 1 GHz CPU is recommended.
- I/O Ports: A single USB 2.0 port is required along with internet access.
- Screen Graphics: A minimum screen resolution of 1024 x768 is recommended.

3. Software Installation Procedure

Upon inserting the TimeFlash USB drive into the personal computer the files of Figure 2 below are available.

If internet connection is not available at the time of installation, go to the Off-line Installation Package directory and run the Microsoft dotNetFx40_Full_x86_x64 file. Then continue to the next step.

If internet connection is available take no action and just continue to the next step.

File Edit View Tool	ls Help		
Organize 🔻 New fold	der		
🔆 Favorites	Name	Size	Туре
🧮 Desktop	퉬 Off-line Installation Package		File folder
〕 Downloads	🐼 setup	18,225 KB	Application
Recent Places	🗾 TimeFlash 1.4 User Guide	373 KB	Adobe Acrobat D
	🔁 TimeFlash 1.4 Software Installation Guide	581 KB	Adobe Acrobat D

Figure 2: USB Flash Drive Content

Run the file setup and the screenshots of the following figures 3-7 will appear in sequence. Just follow the steps as indicated by the figures.

🐼 Setup - TimeFlash		
	Welcome to the TimeFlash Setup Wizard	
	This will install TimeFlash version 1.4.11 on your computer.	
	It is recommended that you close all other applications before continuing.	
A	WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law. Click Next to continue, or Cancel to exit Setup.	
	Next > Cancel	

Figure 3: Setup Wizard

Setup - TimeFlash	
License Agreement Please read the following important information before continuing.	5
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.	
SOFTWARE LICENSE AGREEMENT BETWEEN YOU, THE CUSTOMER/PURCHASER, AND DIGILENT, INC.	Â
PLEASE READ THIS CAREFULLY. IT IS AN AGREEMENT. UPON INSTALLATION AND USE YOU ARE AGREEING WITH DIGILENT, INC. TO ALL THE TERMS AND CONDITIONS.	
 This software license agreement is a legal contract and agreement 	-
I accept the agreement	
I do not accept the agreement	
< Back Next >	Cancel

Figure 4: License Agreement



Figure 5: Create Desktop Shortcut



Figure 6: Installing TimeFlash 1.4



Figure 7: Installation Completed

Once the installation is completed, click on Finish and the TimeFlash GUI of figure 8 below will appear. If an updated version of this software is available it will be indicated in the blue box below. Click on it and a new installation will begin. Follow again the same steps indicated above.

TimeFlash	-X-
TimeFlash	
Oscillator Field Programmer	
Programming Frequency in MHz Quantity 100.0000 Up Down 1 Down	Version Information Software version: 1.4.6 Update available: <u>1.4.12</u> Firmware version: 14 Part Number: <u>Identify Device</u>
Activity Log Activity Log Initialized Programmer detected. Daughter Card detected.	Measure Voltage 3.3 Up Down Frequency in MHz 0.000000 Deviation in PPM -1000000

Figure 8: TimeFlash GUI

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