

pemicro.com



1 Overview

Thank you for purchasing PROG flash programming software from PEmicro. The PROG license will be permanently activated on a PEmicro Multilink debug probe. That Multilink will then work with this version of PROG on any machine where a supported version of the software is installed.

2 Supported Hardware

The following PEmicro interfaces support this method of PROG licensing:

Multilink Debug Probes

- Multilink ACP (part#: USB-ML-ACP) Rev. A or newer
- Multilink Universal (part#: USB-ML-UNIVERSAL) Rev. C or newer
- Multilink Universal FX (part#: USB-ML-UNIVERSAL-FX) Rev. B or newer

Note: Cyclone programmers do not require a license as they already include PROG software.

The Revision of a PEmicro hardware interface is located on its rear label. If your hardware is an older Rev. that does not support this licensing, please contact us at licensing@pemicro.com. A Multilink trade-in program is available for customers needing supported hardware interfaces.

3 Downloading Software Purchases

If you wish to download purchased software, go to the pemicro.com website and click on My Account (login required). Then select My Product Licenses from the options provided.

Note: If the software has been purchased for the user, the user should make sure that the purchaser transfers the license to them before they download.

Search by ins	stallation code	e:		Search
License ID	Order # Invoice #	Date Bought	Product	Action
65696 Active License	95154 97805	2020-Mar-02	PROG-HL-12Z	<u>View License</u> <u>Transfer license to someone else</u> <u>Download my software</u>

Find your software among those listed and click on Download My Software to download. You can also search by Installation Code in the box provided above. This page also allows you to view your license, or to transfer a license to someone else.

Note: Before installing software, if an older version of the software already resides on your system, please uninstall the existing software using "Add/Remove Programs" on your PC.

Once the software has been downloaded, run it to install, following the installation instructions.

4 Locating the Installation Code

You will require an Installation Code to install the PROG license on your Multilink debug probe. The Installation Code can be found in the following locations:

1) The shipping confirmation email that was sent to you by PEmicro

- 2) The packing slip that was included in your shipment
- 3) Online. Log into our website at http://www.pemicro.com, and then:

a) Click "My Account"

b) Click "My Product Licenses" to view your purchased and registered licenses

5 Entering the Installation Code

Before beginning, connect your Multilink to the PC.

You will be entering the installation code into the License Activation Form. There are two ways that you can access this form: via the Connection Manager, or via the Hardware License Manager.

1. Via the Connection Manager

Please follow these steps:

- Step 1. Launch the PEmicro software.
- Step 2. The Connection Manager will open.

PEMICRO Connection Manager	>
You have selected to display this dialog on startup. Specify commun parameters and click OK.	nications
Interface: USP Multilink, USP Multilink EV, or Embodded 05 lbg	dd LPT Port Refresh List
Port: USB1 : Multilink Universal FX Rev C (PEME4E21E)	
Device Selection Architecture: ARM Vendor: NXP Family: K6x Device: K64FN1M0M12 Select New Device	dvanced

- Step 3. Choose your interface type from the Interface drop-down menu.
- Step 4. Your Multilink should appear in the Port window. If multiple interfaces are connected, choose the appropriate one from the drop down list.
 - **Note:** If you wish to work with your target device once the license is installed, you may wish at this point to make other selections in the Connection Manager, but this is not required to simply activate the license.
- Step 5. Click the Connect (Reset) button at the bottom of the Connection Manager to connect to the Multilink.
 - **Note:** If your interface has older firmware you may be prompted to update its firmware. Accept and update (this may take a few moments).

Provide power to target	/ Multilink Universal FX Regulator Output Voltage	Power D	own Delay	250 mg
Power off target upon software exit	3V 🔍	Powe	r Up Delay 📘	1000 mg
<u>C</u> onnect (Reset)			<u>A</u> bort	:

Note: When trying to access the License Activation Form via the Connection Manager, it is possible that the License Activation Form will not be presented if the software itself has been activated via a legacy license. In this case it is recommended to simply use the Hardware License Manager to install the license (see below).

2. Via the PEmicro Hardware License Manager

For activating your PROG license (or viewing license information for a specific connected hardware interface).

Step 1. Run the PEmicro License Manager.

Step 2. Choose your interface from the Select Hardware drop-down list:

PEmicro Hardw	are License Manager				_		\times
	es can be added into PEmicro Multilink and Cyclo ss in the hardware.	ne Hardware. This	utility shows these				
Select Hardware :	USBMultilink : USB1 : Multilink Universal FX Rev	C (PEME4E21E)		•	Refresh list o	f devices	
	Read Licenses from HW						
	dd License Code to Multilink/Cyclone			🗙 Quit			

Step 3. a. If the Rev. of your Multilink is supported, a window like the following will be displayed, which shows the license that is required to run the software, as well as any other licenses present on the Multilink: Click the "Add License Code to Multilink/Cyclone" button at the bottom of the window to open the License Activation Form.

September 2015 PEmicro Hardware License Manager	_		×		
The license code needed to run this software was not found in the selected hardwa proper license or choose a different hardware interface.	re interfa	ce. Insta	ll the		
License needed to run this software :					
Software = CPROG,PROG Architectures = ARM Build Date = Includes 7/11/2014					
Licenses found in selected hardware interface (not matches for this software):					
No Licenses installed in hardware.					

b. If the Rev. of your Multilink is not supported, the following will be displayed instead:

September 2015 PErmicro Hardware License Manager	-		×
The license code needed to run this software was not found in the selected hardware proper license or choose a different hardware interface.	e interfa	.ce. Insta	dl the
License needed to run this software :			
Software = CPROG,PROG Architectures = ARM Build Date = Includes 7/11/2014			
This hardware (from 2014 or earlier) does not support hardware based licenses. You can upgrade your hardware via PEmicro's trade in program or request compatible legacy software from PEmicro at licensing@pemicro.com	e		

The utility will direct you how to contact PEmicro to determine what the options are.

6 PEmicro License Activation Form

The PROG license will reside on a Multilink and cannot be transferred once it's activated, so before activation please make sure that you are installing the license on the specific interface that you wish to use.

Stop 1: Enter Installation Code (Not completed)	🗙 Quit
Step 1: Enter Installation Code (Not completed) Step 2: Obtain Activation Code (Not completed)	•••
Step 3: Enter Activation Code (Not completed)	
Step 4: Validate your software (Not completed)	
Inter Installation Code	
nstallation Code :	Clear
Pegistration Code : -	Copy to Clipboard

Step 1. Enter your Installation Code in the field provided and submit. When your Installation Code is accepted your Registration Code will appear on the following screen:

Progress Step 1: Enter Installation Code (Completed) Step 2: Obtain Activation Code (Not completed) Step 3: Enter Activation Code (Not completed) Step 4: Validate your software (Not completed) Enter Installation Code Installation Code : XXXX-XXXX-XXXX-XXXX Registration Code : XXXX-XXXX-XXXX-XXXX-XXXX Copy to Clipboard Obtain Activation Code Email Address : For your convenience, P&E provides four different ways to obtain your activation code: 1) Automatic Activation Automatic All web Browser Opens your default web browser to obtain your Activation Code: Your Registration Code is automatically entered. 3) Visit P&E Licensing Website - http://www.pemicro.com/license/index.cfm Visit the P&E licensing webpage to obtain the Activation Code above. 4) Contact P&E via Telephone	😻 P	Emicro License /	Activation Form v1.0		
Installation Code : XXXX-XXXX-XXXX-XXXX Clear Registration Code : XXXX-XXXX-XXXX-XXXX-XXXX Copy to Clipboard Obtain Activation Code Email Address : Copy to Clipboard For your convenience, P&E provides four different ways to obtain your activation code: 1) Automatic Activation Automatic Activation Automatic Activation Automatic Activation (2) Launch Web Browser Opens your default web browser to obtain your Activation Code. Your Registration Code is automatically entered. Launch Web Browser (3) Visit P&E Licensing Website - http://www.pemicro.com/license/index.cfm Visit the P&E licensing webpage to obtain the Activation Code above. 4) (4) Contact P&E via Telephone	Sto Sto	ep 1: Enter Ir ep 2: Obtain ep 3: Enter A	Activation Code (Not completed) Activation Code (Not completed)		
Registration Code : XXXX-XXXX-XXXX-XXXX-XXXX Copy to Clipboard Obtain Activation Code Email Address : For your convenience, P&E provides four different ways to obtain your activation code: 1) Automatic Activation Automatic Activation Automatic Activation Query software, Recommended. Internet Connection required. 2) Launch Web Browser Opens your default web browser to obtain your Activation Code, Your Registration Code is automatically entered. 3) Visit P&E Licensing Website - http://www.pemicro.com/license/index.cfm Visit the P&E Licensing webpage to obtain the Activation Code, You will need the Registration Code above. 4) Contact P&E via Telephone	Ent	er Installation Cod	le		
Obtain Activation Code Email Address : For your convenience, P&E provides four different ways to obtain your activation code: 1) Automatic Activation Automatically obtains your Activation Code and validates your software. Recommended. Internet Connection 2) Launch Web Browser Opens your default web browser to obtain your Activation Code. Your Registration Code is automatically entered. 3) Visit P&E Licensing Website - http://www.pemicro.com/license/index.cfm Visit the P&E Licensing webpage to obtain the Activation Code. You will need the Registration Code above. 4) Contact P&E via Telephone	Inst	tallation Code :	XXXX-XXXX-XXXX-XXXX-XXXX	Clear	
 Email Address : For your convenience, P&E provides four different ways to obtain your activation code: Automatic Activation Automatic Activation Automatic Activation Code and validates your software. Recommended. Internet Connection required. Launch Web Browser Opens your default web browser to obtain your Activation Code. Your Registration Code is automatically entered. Visit P&E Licensing Website - http://www.pemicro.com/license/index.cfm Visit the P&E licensing webpage to obtain the Activation Code. You will need the Registration Code above. Contact P&E via Telephone 	Reg	gistration Code :	xxxx-xxxx-xxxx-xxxx-xx	Copy to Clipboa	rd
1) Automatic Activation Automatically obtains your Activation Code and validates your software. Recommended. Internet Connection required. 2) Launch Web Browser Opens your default web browser to obtain your Activation Code. Your Registration Code is automatically entered. 3) Visit P&E Licensing Website - http://www.pemicro.com/license/index.cfm Visit the P&E Licensing webpage to obtain the Activation Code. You will need the Registration Code above. 4) Contact P&E via Telephone	Em	ail Address :			
Automatically obtains your Activation Code and validates your software. Recommended. Internet Connection required. Automatic Activation 2) Launch Web Browser Dens your default web browser to obtain your Activation Code. Your Registration Code is automatically entered. 3) Visit P&E Licensing Website - http://www.pemicro.com/license/index.cfm Visit the P&E Licensing webpage to obtain the Activation Code. You will need the Registration Code above. 4) Contact P&E via Telephone	Fo	r your conveni	ence, P&E provides four different ways	to obtain your activation of	code:
Opens your default web browser to obtain your Activation Code. Your Registration Code is automatically entered. Launch Web Browser 3) Visit P&E Licensing Website - http://www.pemicro.com/license/index.cfm Visit the P&E licensing webpage to obtain the Activation Code. You will need the Registration Code above. 4) Contact P&E via Telephone	1)	Automatically ob your software. R	otains your Activation Code and validates	Automatic Activation]
Code. Your Registration Code is automatically entered. Visit P&E Licensing Website - http://www.pemicro.com/license/index.cfm Visit the P&E licensing webpage to obtain the Activation Code. You will need the Registration Code above. 4) Contact P&E via Telephone	2)	Launch Web	Browser		
Visit the P&E licensing webpage to obtain the Activation Code. You will need the Registration Code above. 4) Contact P&E via Telephone				Launch Web Browser	
	3)	Visit the P&E lice	ensing webpage to obtain the Activation	.com/license/index.cfm	
	4)	Contact P&E	viaTelephone		
Call us at 617-923-0053 to obtain the activation code by speaking to a P&E customer service representative. Please have your Registration Code ready.		Call us at 617-92 speaking to a P	23-0053 to obtain the activation code by &E customer service representative.		
Enter Activation Code	En	ter Activation Cod	le		
Activation Code : Validate your software	Act	ivation Code :		Validate your	software

7 Completing Activation

First, enter your email address into the Email Address field. The License Activation Form then provides you with several ways to complete your PEmicro software activation.

- 1. Automatic Activation Click the button to instantly complete activation. Requires an internet connection on the PC that you are operating.
- **2.** Launch Web Browser Opens the web page below and automatically enters your Registration Code. Requires an internet connection on the PC that you are operating.



The first step for your P&E Product Activation has been completed.

Here is your activation code:

xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx

Please copy-paste this Activation Code into the Activation Box of your P&E Software to finish the Product Activation process. You will also get an email with the Activation Code to keep for your records.

We thank you for your business!

- 3. Visit PEmicro Licensing Website This address can be used to open the same web page as option #2. You will need to copy your registration code on your own. Requires an internet connection.
- 4. Contact PEmicro via Telephone Our phone number is provided should you wish to activate your PEmicro soft-

ware over the phone.

If you have chosen an option that manually provides you with an Activation Code, once you receive it please enter it into the Activation Code field at the bottom of the form and submit.

Your Multilink is now activated and ready to use! If you should experience any difficulty with your activation, please feel free to contact us for assistance at www.pemicro.com.

8 Viewing Licenses on PEmicro Hardware

The Hardware License Manger also allows you to view the licenses that are installed on a specific, connected hardware interface. To accomplish this, choose your hardware interface from the Select Hardware drop-down and then click the "Read Licenses From HW" button. The licenses will then be displayed in the window below:

PEmicro Hardware License Manager - X	1
Licenses can be added into PEmicro Multilink and Cyclone Hardware. This utility shows these licenses in the hardware. http://www.pemicro.com	
Select Hardware : USBMultilink : USB1 : Multilink Universal FX Rev C (PEME4E21E)	
Read Licenses from HW	
Licenses for USBMultilink : USB1 : Multilink Universal FX Rev C (PEME4E21E)(3,1) :	
Installation Code = XXXX-XXXX-XXXX-XXXX-XXXX Software Activated = CPR0G,PR0G Architectures = ARM Activate Executables with build date up to 2/27/2021 Installation Code = XXXX-XXXX-XXXX-XXXX-XXXX Software Activated = CPR0G,PR0G Architectures = HC12/HCS12 Activate Executables with build date up to 3/2/2021	
Installation Code = XXXX-XXXX-XXXX-XXXX-XXXX-XXXX- Software Activated = CPROG,PROG Architectures = HC12/HCS12 Activate Executables with build date up to 3/2/2021	(XXX
Add License Code to Multilink/Cyclone	

Figure 8-1: License To Activate Software

The information displayed includes your installation code, the software type, compatible architectures (if applicable), and the latest build date of software that will work with the license (if applicable).

The PROG license will work with versions of the software built up to one year after your license was purchased. During this period, the software can be updated free of charge. After one year, a discount is available when updating to the latest version of the software. After two years this discount is no longer available.

Feel free to contact PEmicro with any licensing questions at licensing@pemicro.com.