

Some Windows computers will require the loading of an additional driver. See below.

Additional Steps for Windows Computers

Go to energia.nu and follow these steps:



What is Energia and how did it get started

Energia is an [open-source](#) electronics prototyping platform started by Robert Wessels in January of 2012 with the goal to bring

Download Energia 21 aka Energia 1.8.7E21

Board and library manager!

Energia release 18 (aka Energia 1.8.7E21) and up feature the new board (core) / library manager. By default the Energia installation comes with support for the MSP430. Other cores such as CC1310, CC3220, TivaC, CC3200 and MSP432 can be installed through the board manager by selection Tools →Board→Board Manager. For more details on how to install additional cores/boards see the [board manager guide guide](#). The cores included in the board manager are: MSP430, MSP432 (MT, TI-RTOS based multitasking), CC3200 and TivaC. The CC3200 (MT) TI-RTOS based multitasking based core will be made available in the near future through the board manager. CC2650 has been removed from Energia due to the lack of BLE support that could not be enabled because of licensing issues with the BLE stack.

Energia 1.8.7E21 (10/17/2018)

Mac OS X: Signed Binary release version 1.8.7E21 (10/17/2018).

Download here: [energia-1.8.7E21-macosx-signed.zip](#)

Windows: Binary release version 1.8.7E21 (10/17/2018).

Download here: [energia-1.8.7E21-windows.zip](#)

Linux 64-bit: Binary release version 1.8.7E21 (10/17/2018).

Download here: [energia-1.8.7E21-linux64.tar.xz](#)

Installation Guide

Step-by-step instructions for setting up the Energia IDE and running your first Sketch on a Texas Instruments LaunchPad board.

- Windows
- Mac OS X
- Linux



Installing the LaunchPad drivers

To use Energia you will need to have the LaunchPad drivers installed. The drivers allow your PC to "see" the LaunchPad on a serial COM port when it is connected.

MSP-EXP432P401R LaunchPad ▼

CC3200 LaunchPad ▼

MSP-EXP430G2 and MSP-EXP430FR5739 LaunchPad ▼

MSP-EXP430F5529LP, MSP-EXP430FR4133, MSP-EXP430FR5969, and MSP-EXP430FR6989 LaunchPad ▼

EK-TM4C123GXL, EK-TM4C1294XL and EK-LM4F120XL LaunchPad ▼

[Guide Home](#)



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MSP-EXP432P401R LaunchPad ▲

Energia (MT) uses a different method for building Sketches for the MSP-EXP432P401R. Because of a limitation in this method you must install Energia in a location without spaces.

If you have already used the MSP-EXP432P401R LaunchPad with TI's Code Composer Studio then you probably already have the driver installed. If not, then follow the steps below to install the driver.

1. Do not connect your MSP-EXP432P401R LaunchPad to your PC. If you already plugged it into your PC then unplug it before proceeding to step 2.
2. Download the LaunchPad drivers for Windows: [Energia Driver Package](#). This driver package will install all drivers for all LaunchPads.
3. Unzip and double click "Install Energia Drivers for Windows 32 bit" for Windows 32 bit or "Install Energia Drivers for Windows 64 bit" for Windows 64 bit.
4. Follow the installer instructions.
5. Connect your MSP-EXP432P401R LaunchPad to your PC. The MSP-EXP432P401R will be automatically recognized.
6. All done, you are now ready to program the MSP-EXP432P401R with Energia. For Windows 8 and 10 users you may need to disable your signed driver feature, follow this guide: <https://learn.sparkfun.com/tutorials/disabling-driver-signature-on-windows-8>

Troubleshooting (Not seeing your Serial Port in Energia? Driver not correctly installed?)

- Make sure jumpers are connected on LaunchPad and you get a green power LED turning on when connected via USB
- Restart Energia
- Restart computer (shouldn't be required but may help)
- Right click and run DPinst.exe or DPinst64.exe as administrator