Energia for TI MSP43x LaunchPad for MacBook Users



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www.mwftr.com/emblab.html



This Tutorial is greatly helped by Mr. Jonathan Branscomb

Energia + TI MSP43x LaunchPad + MacBook

- The LaunchPad provides multiple-points of entry in terms of software development.
- For the purposes of this course, we will use the community-made ENERGIA integrated development environment (IDE)
- Link to download this IDE can be found below:

www.energia.nu/download

Energia Download



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>>> Download the local IDE below or try Energia in CCS cloud at **dev.ti.com**. Also check out the Community Contributed Alternatives!

Download Energia 17

Energia 0101E0017 (12/9/2015) Mac OS X: Signed Binary release version 0101E0017 (12/9/2015) Download here: energia-0101E0017-macosx-signed.dmg

Mac OS X: Unsigned Binary release version 0101E0017 (12/9/2015) Download here: energia-0101E0017-macosx.dmg

Windows: Binary release version 0101E0017 (12/9/2015) Download here: energia-0101E0017-windows.zip Download the signed binary release .dmg file

 Open the .dmg once the file has completed downloading

Next Step



- Drag Energia into the "Applications" Folder
- Install the other two packages
 - These packages contain the drivers allow your computer to communicate with the launchpad device
 - You will need to restart after installing the two packages

Unidentified developer fix



"MSP430LPCDC 1.0.3b.pkg" can't be opened because it is from an unidentified developer.

Your security preferences allow installation of only apps from the Mac App Store and identified developers.

"MSP430LPCDC 1.0.3b.pkg" is on the disk image "energia-0101E0017-macosx-signed.dmg". Safari downloaded this disk image on January 24, 2016.



Open System Preferences Open Security & Privacy Settings Click "Open Anyway" to run the file

Allow apps downloaded from:

- Mac App Store
- Mac App Store and identified developers

Anywhere

"MSP430LPCDC 1.0.3b.pkg" was blocked from opening because it is not from an identified developer.

Open Anyway

Last Step

energia.nu

Energia File Edit Sketch

sketch_jan27a | Ene

Tools Help

Auto Format

Archive Sketch Fix Encoding & Reload

Serial Monitor

Update programmer

Board

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sketch_jan27a

void setup()

// put your setup code here, to run once

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void loop()
{

// put your main code here, to run repeatedly:

)

▶ 🗸 LaunchPad w/ msp432 EMT (48MHz) LaunchPad w/ cc3200 EMT (80MHz) RedBearLab CC3200 EMT (80MHz) RedBearLab WiFi Mini EMT (80MHz) RedBearLab WiFi Micro EMT (80MHz) SensorTag w/ cc2650 EMT (48MHz) LaunchPad w/ cc3200 (80MHz) RedBearLab CC3200 w/ cc3200 (80MHz) RedBearLab WiFi Mini w/ cc3200 (80MHz) RedBearLab WiFi Micro w/ cc3200 (80MHz) LaunchPad w/ msp430g2231 (1MHz) LaunchPad w/ msp430g2452 (16MHz) LaunchPad w/ msp430g2553 (16MHz) FraunchPad w/ msp430fr5739 LaunchPad w/ msp430f5529 (16MHz) LaunchPad w/ msp430f5529 (25MHz) LaunchPad w/ msp430fr5969 (V2.0 and higher only!) LaunchPad w/ msp430fr4133 LaunchPad w/ msp430fr6989 LaunchPad (Stellaris) w/ Im4f120 (80MHz) LaunchPad (Tiva C) w/ tm4c123 (80MHz) LaunchPad (Tiva C) w/ tm4c129 (120MHz)

Open Energia

- Tools > Board > Select your Launchpad Device
- Serial Port should select automatically

Grood Luck!