**BoosterPack Pinout Standard**

**Accessibility**
When finalizing the dimensions of your BoosterPack, be sure to think about easy access to components (buttons, LEDs, test points, etc.). We recommend edge mounted/right angle components.

**BoosterPack combos**
Want to pair with other BoosterPacks? Be sure to review the pin-outs of each BoosterPack in your BoosterPack sandwich! Use the BoosterPack tool on ti.com to make this process easy!

**Enable stack-ability**
All LaunchPads & BoosterPacks must use female headers with long male leads (100 mil pitch)

**Recommended part numbers for stackable headers:**
- Major League Electronics:
  - CRD-081413-A-G (Double Row, 10x2)
  - CRD-081413-B-G (Single Row, 10x1)
  - Buy @ launchpack.mielelectronics.com
- Samtec:
  - SSQ-110-23-F-0 (Double Row, 10x2)
  - SSQ-110-23-F-5 (Single Row, 10x1)

**LaunchPad "Rocket" Logo usage**
If your BoosterPack complies with the pinout standard above, you may place the rocket logo on your BoosterPack's silk screen.

**Label your pins!**
Use your silk screen wisely. Label pins, Jumpers & other important components to improve your BoosterPack's ease-of-use. Use the templates for the BoosterPack headers to make this process easy!

**Energia Software Libraries**
Don’t forget about software! Energia libraries are ideal companions to your hardware. One Energia library can potentially enable multiple LaunchPads to work with your BoosterPack.

Try to write your library using the standard Wiring APIs. This will make your library portable across both the Energia and Arduino IDEs.

Upload your library on Github and share your hard work with the community!

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**Notes**

1. The exclamation point (!) indicates that the GPIO pin is interruptible.

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**Open Source Hardware & Licenses**

Be sure to be aware of the licenses of the resources that you use! Also, don’t forget to think about the license you publish your files under! Here are a few quick references:

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