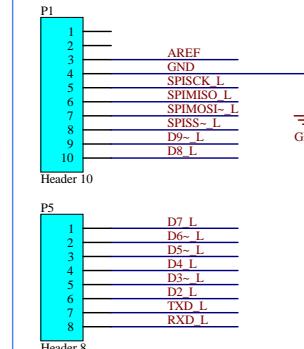
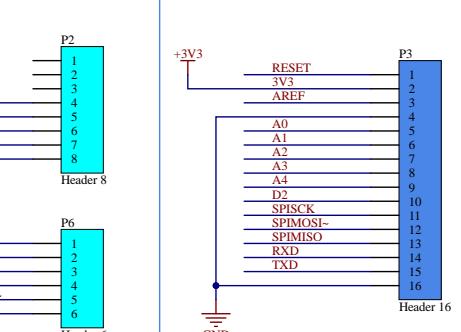
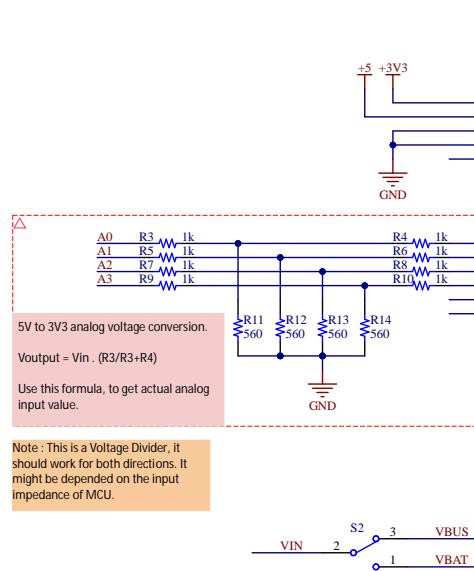
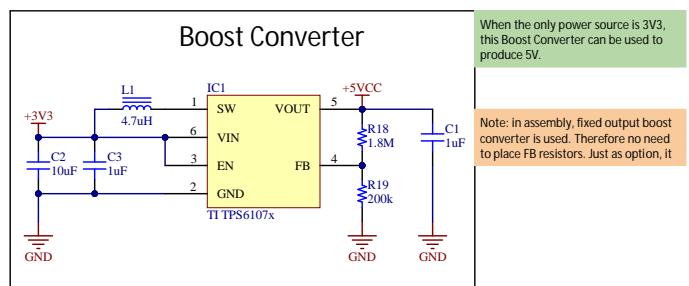
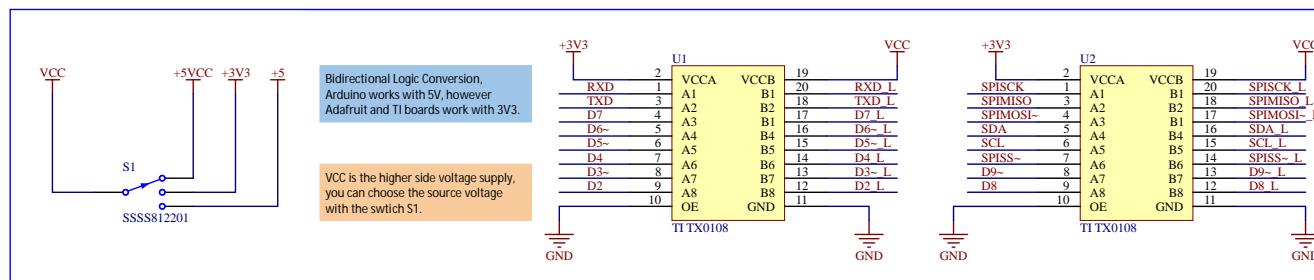
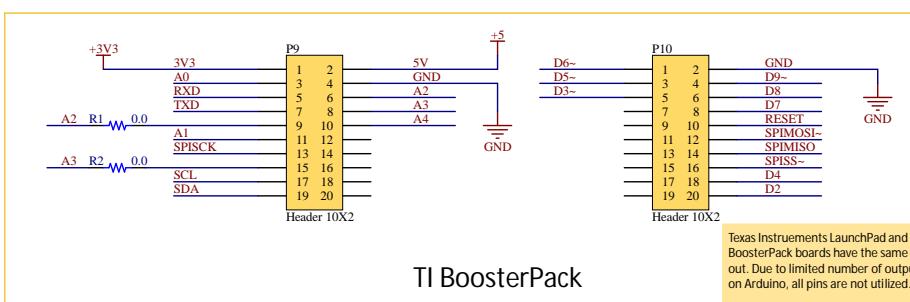


Arduino**Adafruit Feather****Arduino**

Visit alpelectronics.se for more information!

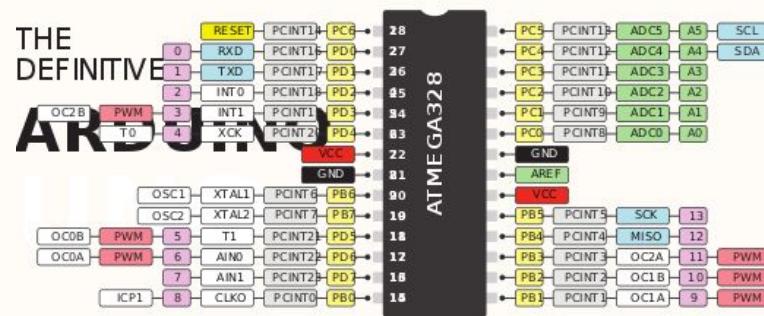
Universal Converter hardware design is licensed under the CERN Open Hardware License.

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Title Design	
Project	BoosterPack_toArduino.PrjPcb
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THE DEFINITIVE



PINOUT DIAGRAM

**Absolute max per pin 40mA
recommended 20mA**

 **Absolute max. 200mA**
for entire package

on current drawn

*Cut to disable the auto-rese
R3 Only*

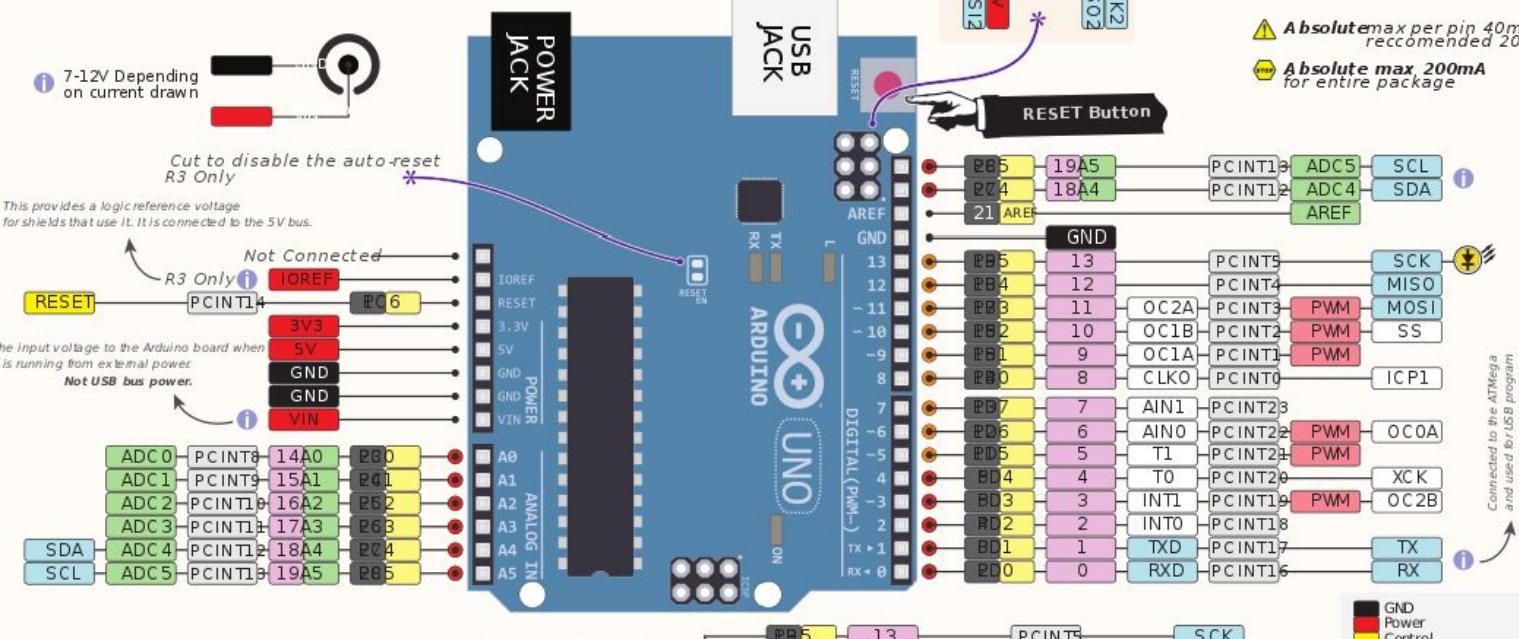
This provides a logic reference voltage for shields that use it. It is connected to the 5V bus.

2007

The input voltage to the Arduino board when it is running from external power

Not USB bus power

— 1 —



Connected to the ATMega
and used for USB program

█	GND
█	Power
█	Control
█	Physical Pin
█	Port Pin
█	Pin Function
█	Digital Pin
█	Analog Related Pin
█	PWM Pin
█	Serial Pin
█	IDE
█	Source Total 150mA

Title *		
Project <i>BoosterPack_toArduino.PrjPcb</i>		
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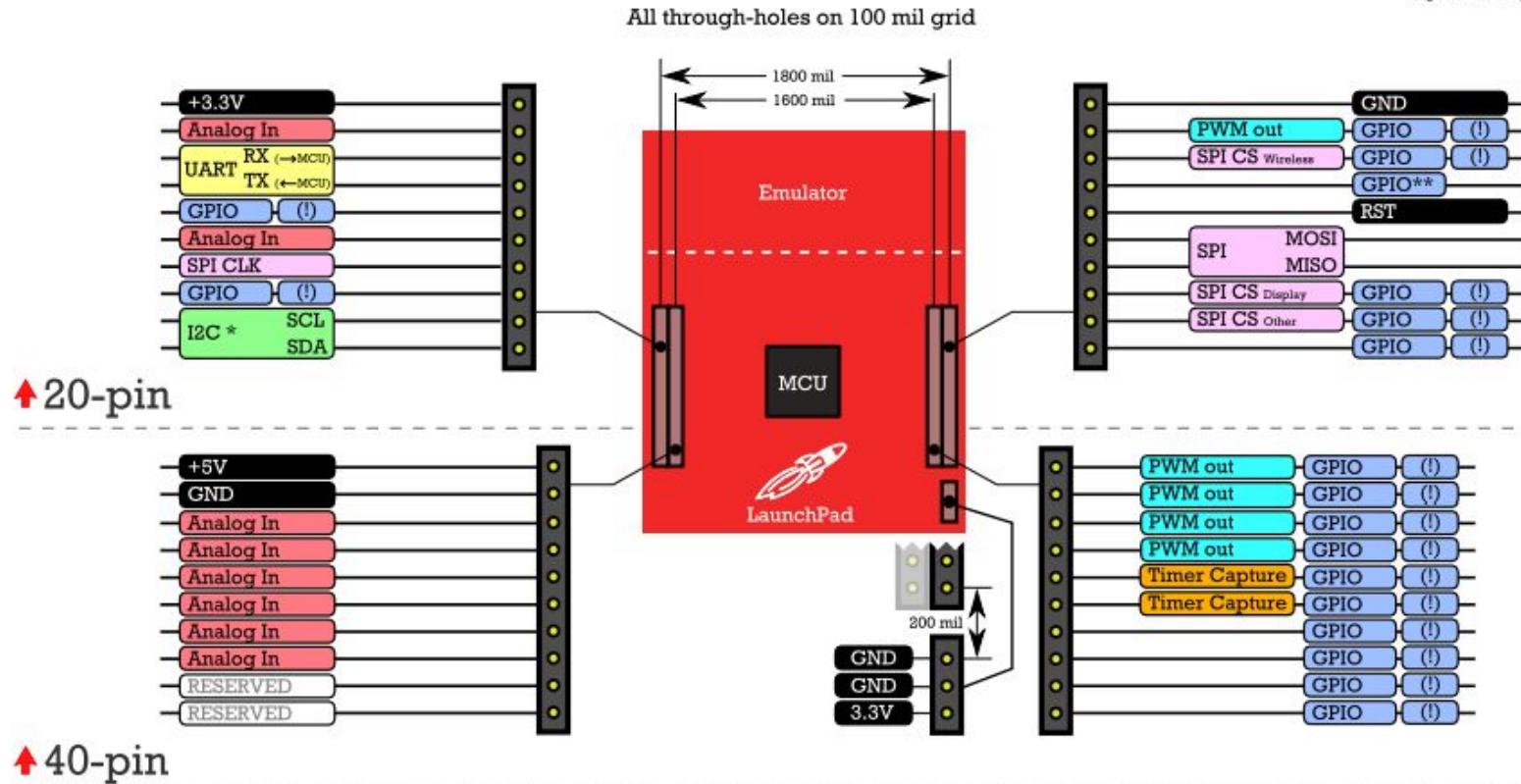
M0 Basic Proto

<https://www.adafruit.com/product/2772>



BoosterPack Pinout Standard

Updated Sept 1, 2013



The Legend:

Pin function

White boxes indicate functions that are not yet available on any existing LaunchPads. However, these functions are defined in the standard to "future-proof" the pinout.

GPIO**

Some LaunchPads do not comply with this GPIO pin (i.e. MSP-EXP430G2 LaunchPad uses this pin for programming/debugging). De-prioritize this pin when making a BoosterPack.



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

I2C*

Most LaunchPads have true hardware-enabled I2C capability at these pins, however some LaunchPads may not. If no hardware I2C is available, a software-emulated I2C is needed to adhere to the standard.

Be sure to check the documentation for specific LaunchPad boards to confirm compatibility with the BoosterPack standard. While most LaunchPads will comply with the standard, there may be some deviations.

Title *	
Project BoosterPack_toArduino.PrjPcb	
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