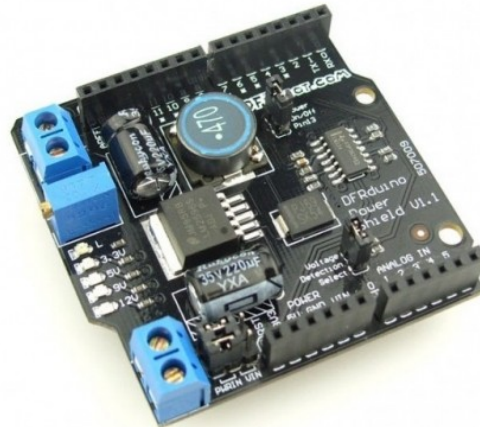# DFRobot
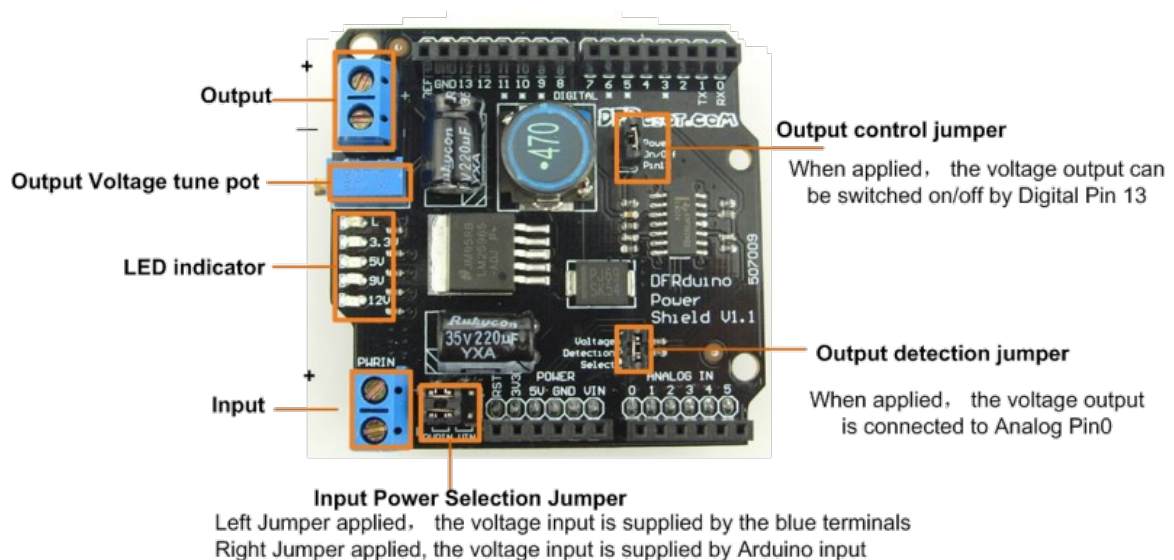## Power Shield(Arduino Compatible)
DFR0105

Introduction

Most project of Arduino may need more than two voltage supply. When feed with from 4.5-35V, this power shield able to provide a voltage range from 1.25-12V with 3A peak current. Ideal for servo control and other non-standard components. With this shield, your Arduino now have one power supply for all.It has be build-in voltage measuring function which mapping the output voltage to Arduino analog pin 0. It can be controlled by Arduino digital Pin13 to switch on/off.

Input Power Selection Jumper
Left Jumper applied，the voltage input is supplied by the blue terminals
Right Jumper applied, the voltage input is supplied by Arduino input

Specification

- Supply voltage:4.5-35V
- Output voltage:1.25-12V
- Output current: 2A (3A peak)
- Efficiency:90%

Documents

- [Wiki Doc](#)
- [Schematics](#)