**Power Supply**http://uk.rs-online.com/web/p/lithium-rechargeable-battery-packs/5306331/

2 3.7V lithium cells, then regulate it to 5 volts

Charge circuit  
  
  
**Controller**Shift Register

<https://scontent-ams3-1.xx.fbcdn.net/hphotos-xtp1/v/t34.0-12/12170677_1184162114930491_931041549_n.jpg?oh=145285e4f47b7f22f7c7421c16934e8d&oe=56300C2B>