

# Gear Display LCD Shield

## Gear Display v2

By Eric Menze



16x2 LCD  
Arduino

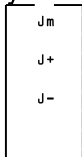
By Eric Menze Arduino Gear Display v2

Code available at [www.github.com/Ehryk](http://www.github.com/Ehryk)

v2 1.27.2013

Regulator Pad

MC14490



VR7809



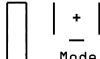
C\_input 100uF



Code available at [www.github.com/Ehryk](http://www.github.com/Ehryk)

C\_output 10uF

10kΩ



Mode  
LCD Contrast  
v2 1.27.2013

Ultra  
Capacitor

UC1.22F

Power Input



min 1.1VDC Up (+)  
max 20VDC

Arduino

Arduino

1st  
2nd  
3rd  
4th  
5th  
Rev

Hall Effect Signals

Hall Effect Power

Jv...

+

-

Down (-)

Q1