

# Gear Display LCD Shield

Gear Display v2

By Eric Menze

RL LED

16x2 LCD

330Ω

Arduino

Arduino

Regulator Pad

HE Signals

1st  
2nd  
3rd  
4th  
5th  
Rev

Jm  
J+  
J-

MCI4490

Cout

Cosc

VR7809

Duc

VIN GND PV

Cin

Dclamp

Jardt

Jvin

HE Power +  
-

Rcharge

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

Power In

Ultra Capacitor

UC1 .22F

min 11VDC max 20VDC

Up (+)

Arduino

Down (-)

LCD Contrast 10KΩ

Mode

v2 1.27.2013

Arduino

Q1