

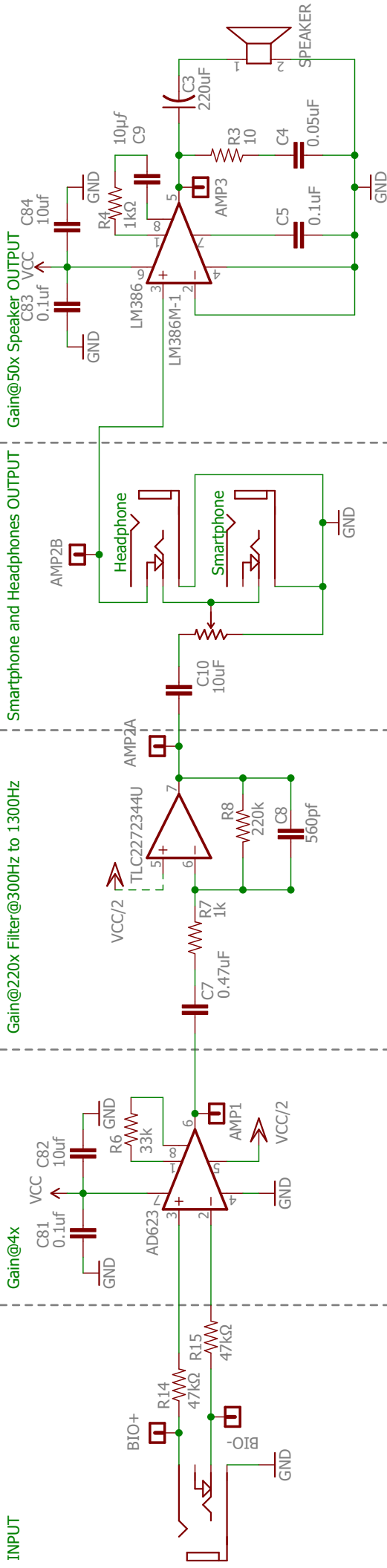
# INPUT

Gain@4x

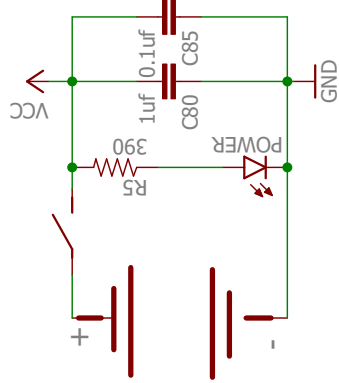
Gain@220x Filter@300Hz to 1300Hz

Smartphone and Headphones OUTPUT

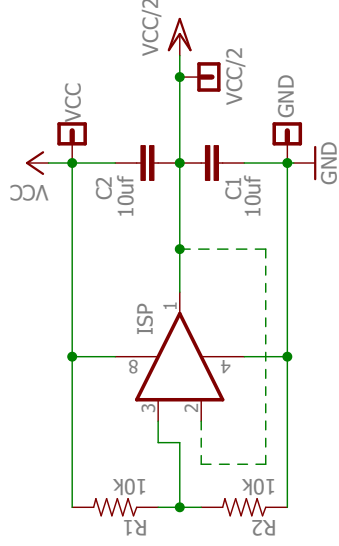
Gain@50x Speaker OUTPUT



## Battery Holder, Power Light and Decouplings



## VCC/2 Buffer and Decouplings



## INFO

### NOTES:

All Part SMD 0603  
New Output added  
Decoupling Capacitors  
Both outputs with new 3.5mm BYB costumed

**BACKYARD  
BRAINS**  
*NEUROSCIENCE FOR EVERYONE!*



### Muscle Spikerbox ###  
\*\*\* U1.21 \*\*\*