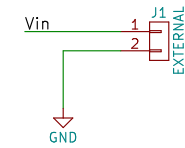
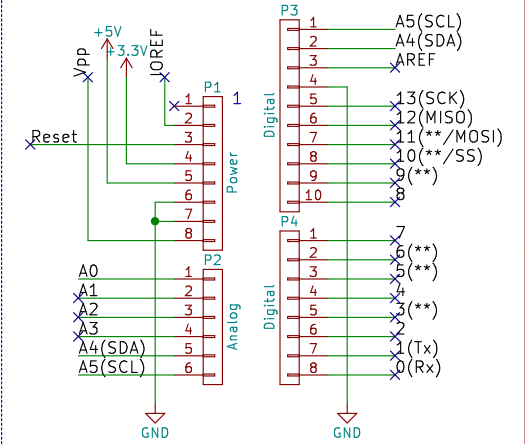
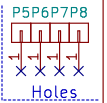


R2 C1 gives minimum cutoff  $f = 677\text{Hz}$

R1 is a 'drain' resistor for capacitor C1 to avoid charge buildup at Pin3

Max Gain:  $1 + 20\text{k}/10\text{k} = 3$  enough to saturate OpAmp

Shield for Arduino that uses the same pin disposition like "Uno" board Rev 3.



Sheet: /	
File: Shield.sch	
Title: PFF DEMO	
Size: A	Date: 2017-04-17
KiCad E.D.A. kicad 4.0.6	Rev: Id: 1/1