

**Audio Header Pins -  
See Below Left**

1	2
3	
4	
5	6
8	9
11	12
14	15
16	
13	

**Sparkfun  
11044  
Mono Amp**

GND  
+5V

Future: Pushbutton  
switch between A4/SDA  
to GND

See Pin Layout Above  
1: +5V  
2: GND  
3: 1K to GND  
4: From Mixed Audio  
5, 6, 7: To Mixed Audio  
8, 11: Channel A Output  
9, 12: Channel B Output  
10: Channel C Output  
13: GND  
14: GND  
15: Amplifier Audio In  
16: Mixed Audio

To Mix all three channels to Amp,  
place jumpers across 3/4, 5/8, 6/9,  
7/10, and 15/16.

**Channel C  
Output**

**FTDI**

Black  
Green  
Power  
On/Off  
Jumper

GND  
+5V

**Sparkfun  
12009  
Level Shifter**