Break Ground Line

Middle Neck

r
w
b
r
w
b

9

Bridge

r
b
B
w
g
B

9

guitar gnd

2

2

VTL5C4
Neck
LED +

VTL5C4
Bridge
LED +

VTL5C4
Vol-1
LED +

VTL5C4
Tone
LED +

VTL5C4
Middle
LED +

VTL5C4
Split
LED +

VTL5C4
Vol-2
LED +

VTL5C4
Max Vol
LED +

tx
rx

gnd

2
3
4
5
6
7
8
9
10
11
12

**ARDUIONO
MICRO**

Vin
gnd

5v

3.3v

9

Blue

Bluetooth

Connect Grounds
to switch

**Jack
switch**

Shielded Guitar Out

9v

tip   ring

jack

/home/bob/sketchbook/Arduguitar/arduino/Layouts/Prototypelayout-07-separate-grounds-and-switch.odg
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