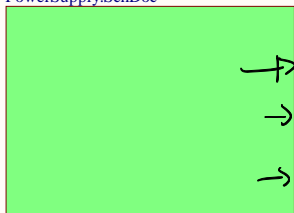
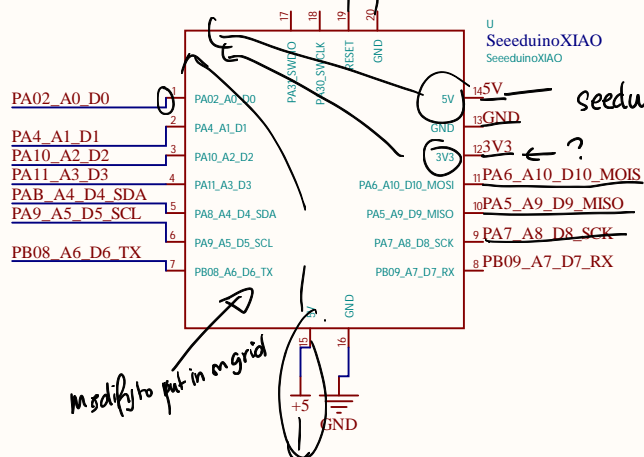
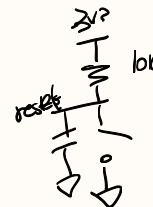


U_PowerSupply
PowerSupply.SchDoc



just for
visibility
BATT.
B.3V

reset button



modify to put in mgrid

how do you power the
seeduino Vin? Seeduino

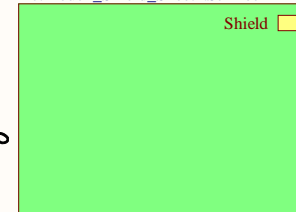
make sure you
add the
line

U_ActiTouch_Transmitter_Sheet1
ActiTouch_Transmitter_Sheet1.SchDoc



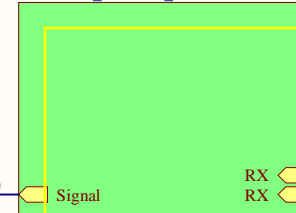
Tx1
Tx2

U_ActiTouch_Shield_Sheet1
ActiTouch_Shield_Sheet1.SchDoc



Sh

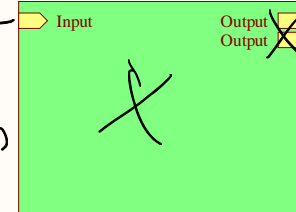
U_ActiTouch_Receiver_Sheet1
ActiTouch_Receiver_Sheet1.SchDoc



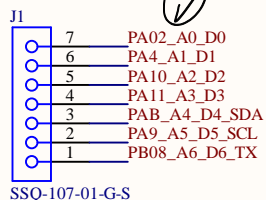
Rx1
Rx2



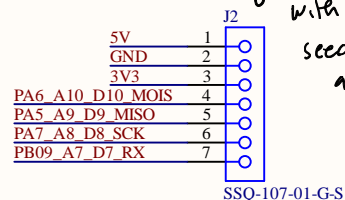
U_VibrationMotor
VibrationMotor.SchDoc



use a pin
with PWM
enabled
(you can test
with a
seeduino
and an LED)
Which
signal is
driving
the motor?



SSQ-107-01-G-S



SSQ-107-01-G-S

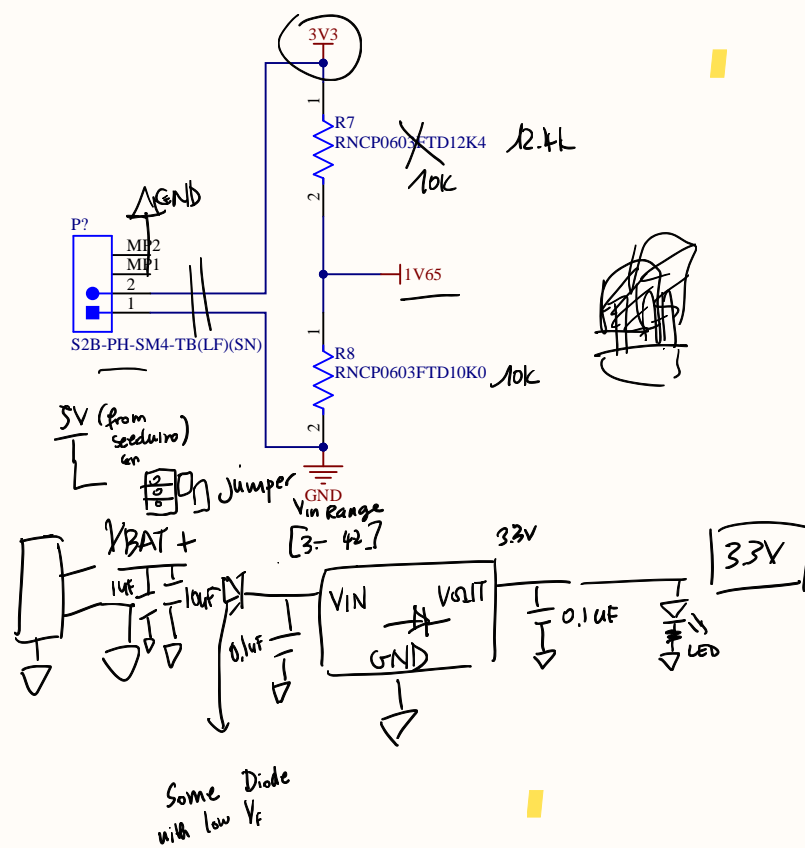
Title		
Size A4	Number	Revision
Date: 5/09/2022	Sheet of	
File: C:\Users\...\ActiTouch.SchDoc	Drawn By:	

A

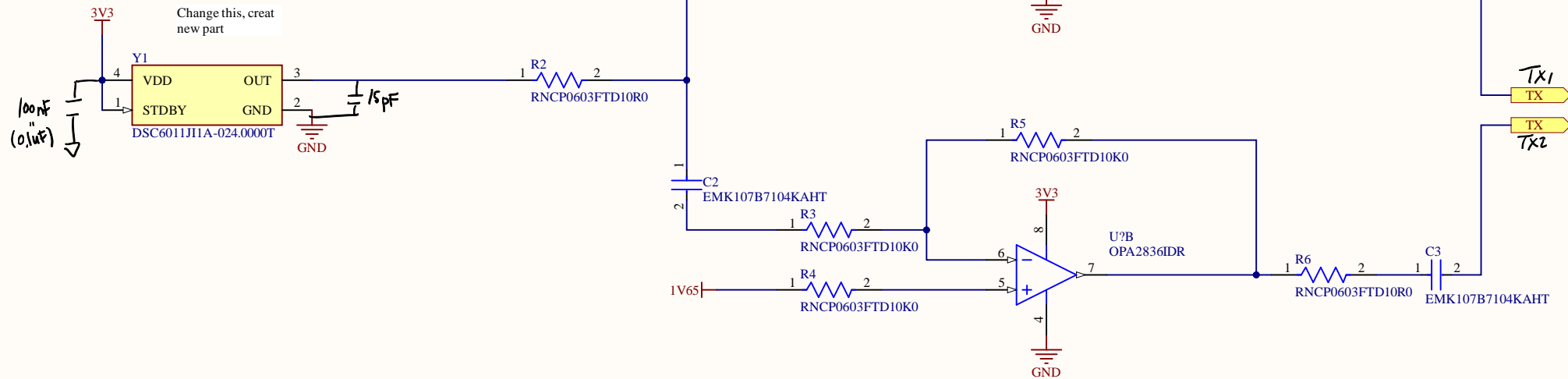
E

C

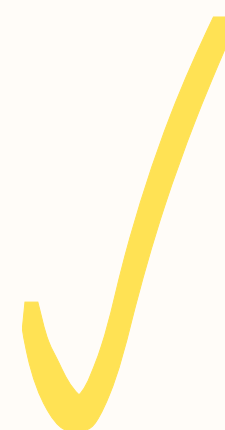
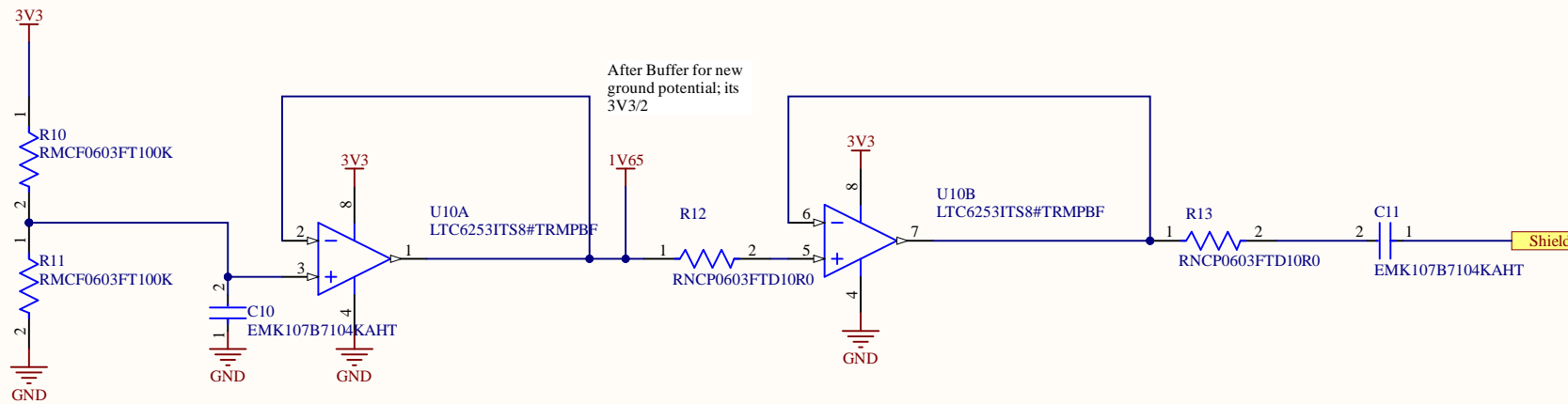
F



Title		
Size A4	Number	Revision
Date:	5/09/2022	Sheet of
File:	C:\Users\...\PowerSupply.SchDoc	Drawn By:



Title		
Size A4	Number	Revision
Date: 5/09/2022	Sheet of	
File: C:\Users\...\ActiTouch_Transmitter_Sheet1.Ddd	Drawn By:	



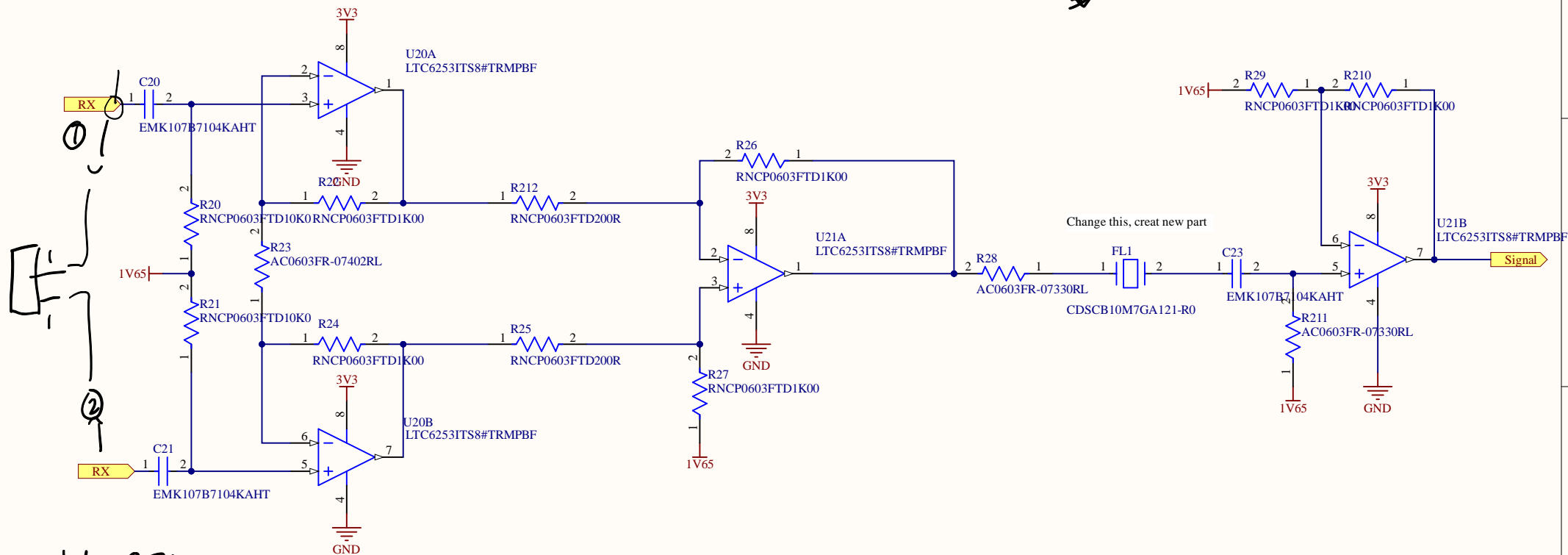
Title		
Size A4	Number	Revision
Date: 5/09/2022	Sheet of	
File: C:\Users\...\ActiTouch_Shield_Sheet1.Sch	Drawn By:	

What does this



SMD

THT



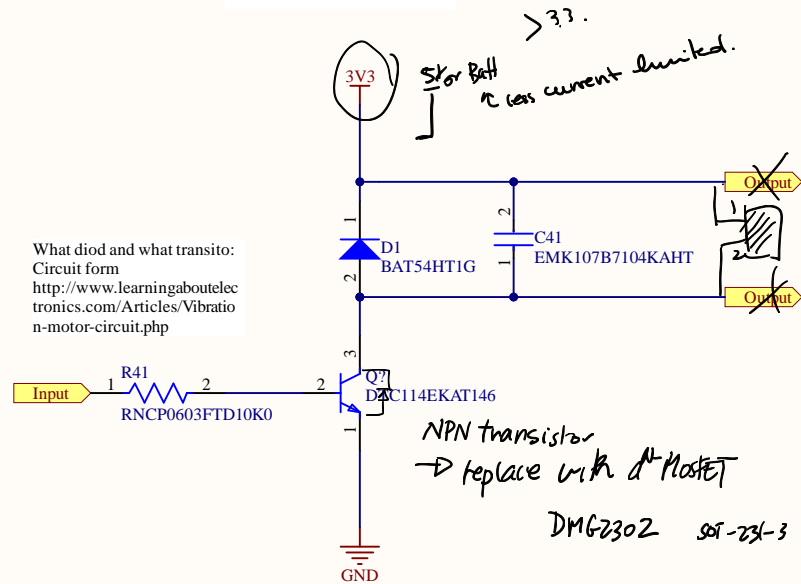
std. 2.54mm
1.27mm



Title		
Size A4	Number	Revision
Date: 5/09/2022	Sheet of	
File: C:\Users\...\ActiTouch Receiver Sheet1.SchDoc	Drawn By:	

What diod and what transisto:
Circuit form
<http://www.learningaboutelectronics.com/Articles/Vibration-motor-circuit.php>

Circuit needs
 $3.3V \times 0.035 = 0.1 \text{ mW}$



> 33.
5 for BATT
less current limited.

pin header
1x2 /
holes.

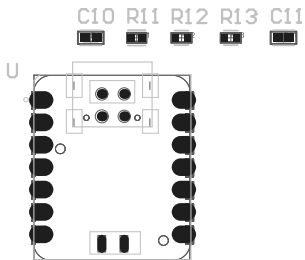
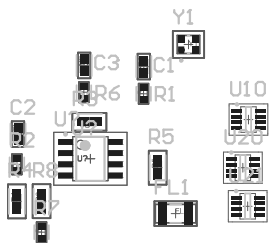
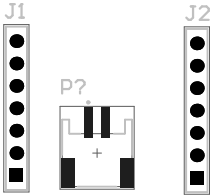
Motor + } Connector?
Motor - } solder-on motor?
do not use the same name!

NPN transistor
→ replace with a Mosfet

DMG2302 ser-231-3, $\frac{12}{D D}$



Title		
Size A4	Number	Revision
Date:	5/09/2022	Sheet of
File:	C:\Users\...\VibrationMotor.SchDoc	Drawn By:



Board Stack Report