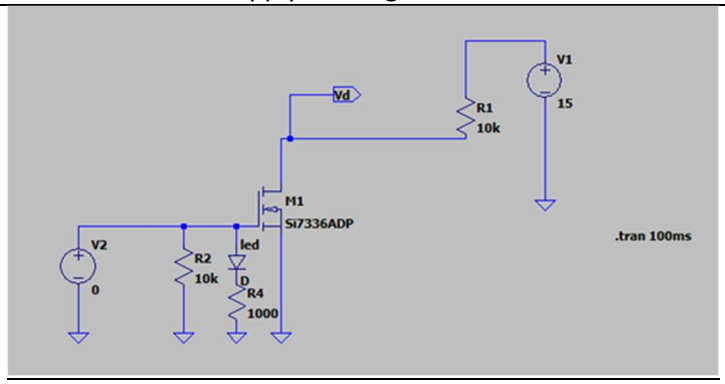
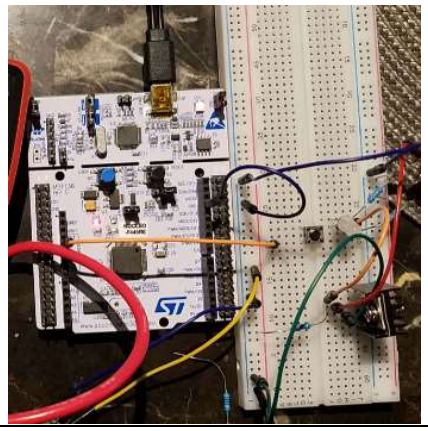
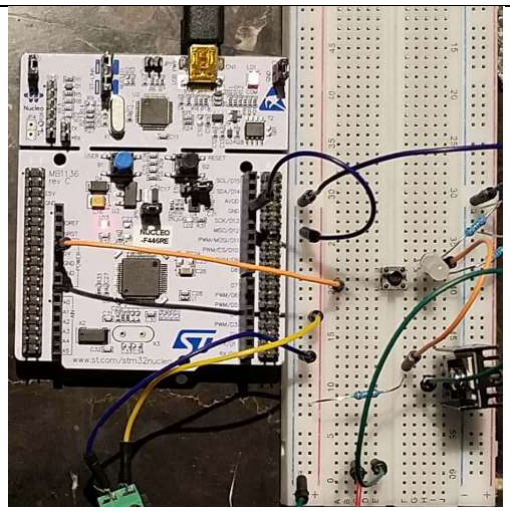
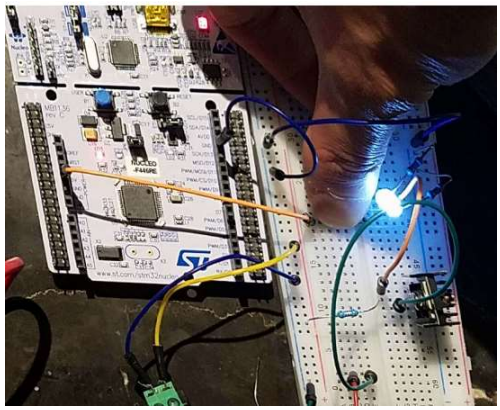
TNC Testing Form (REV1)	
Leaf on the Tree	1.2.2.1
Device Under Test (Testing Tree Number):	LED
Date:	11/1/20
Person(s) Conducting Experiment:	Kobe Keopraseuth
Signature:	
Experiment Purpose:	The purpose of this experiment is to verify the LED, associated with our PTT circuit is turned on, when the MOSFET switches on.
Experiment Procedure:	We will implement the circuit shown below and input 15 V with a pull-up resistor, to act as the radio's 15 V. Then we will use a tactile switch to switch the MOSFET on and off, which should also turn the LED on and off respectively.
Equipment Settings / Software Settings (w Revision):	We use a breadboard to hook up the circuit shown below and a dc power supply for the 15 V. We used LTspice for designing the circuit. We use 3.3V reference to supply to the gate.
Testing Diagram / Picture:	 **Circuit** 

Data Points:	 **LED off**  **LED on**
Pass / Fail:	Pass
Interpreted Notes:	When the MOSFET has 3.3 V inputted into the gate, then the LED turns on. When the MOSFET has 0 V inputted into the gate, then the LED turns off.
Recommendations for Modifications:	None