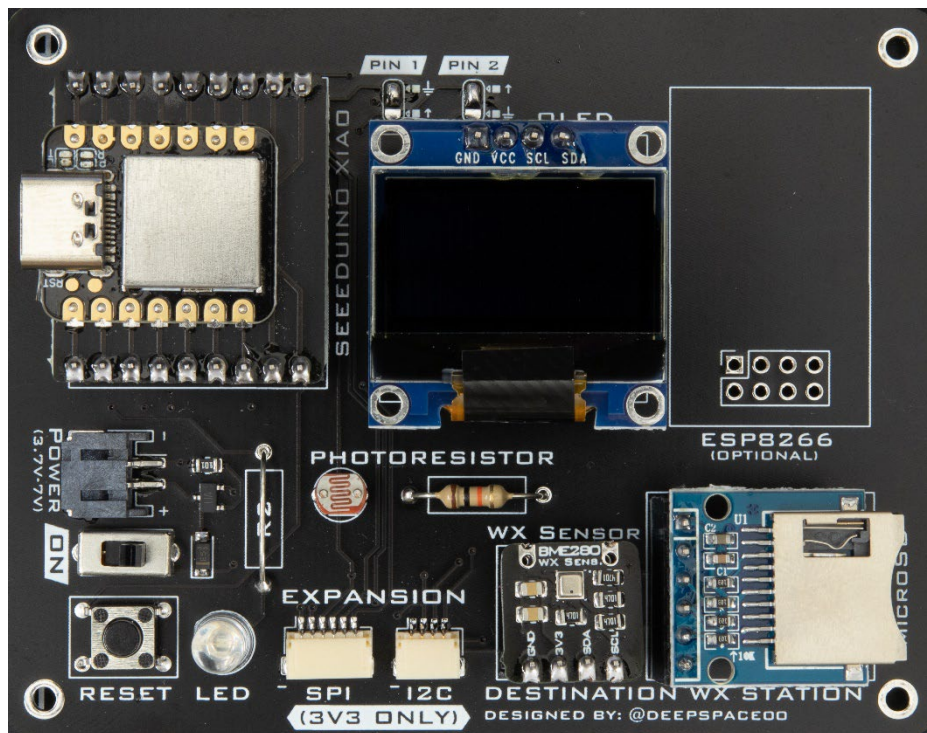




SOUTH CAROLINA GOVERNOR'S SCHOOL FOR  
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MATHEMATICS**

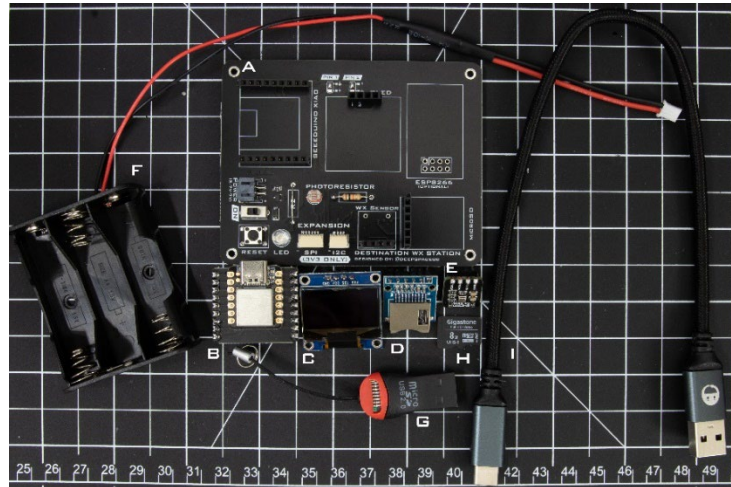


# DESTINATION WEATHER STATION REVISION 3 (SOLDERLESS) ASSEMBLY INSTRUCTIONS



## STEP 1:

LAYOUT ALL PARTS IN THE KIT AS SHOWN BELOW



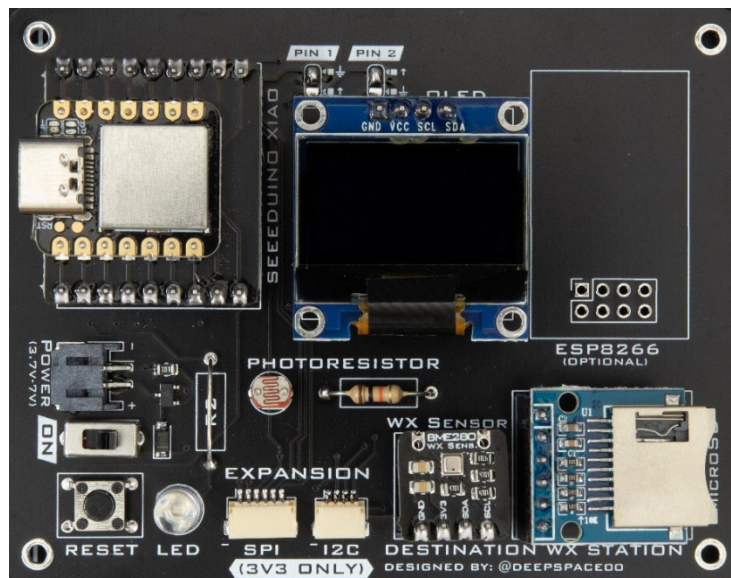
A. CIRCUIT BOARD  
B. SEEDUINO XIAO  
C. OLED DISPLAY

D. MICROSD MODULE  
E. WEATHER SENSOR  
F. BATTERY PACK

G. MICROSD ADAPTER  
H. MICROSD CARD  
I. USB-C CABLE

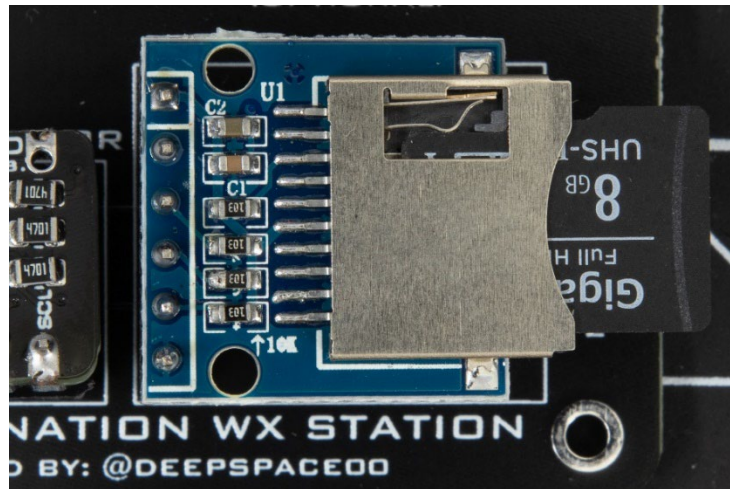
## STEP 2:

CONNECT THE SEEDUINO XIAO, OLED DISPLAY, WEATHER SENSOR, AND THE MICROSD MODULE TO THE CIRCUIT BOARD. YOUR WEATHER STATION SHOULD LOOK LIKE THE IMAGE BELOW.



### STEP 3:

INSERT THE MICROSD CARD INTO THE MICROSD MODULE WITH THE WORDS FACING UP AND THE GOLD CONTACTS GOING IN. THE MICROSD CARD WILL NOT GO IN ALL THE WAY. IT WILL ONLY GO IN AS FAR AS THE IMAGE SHOWN BELOW.

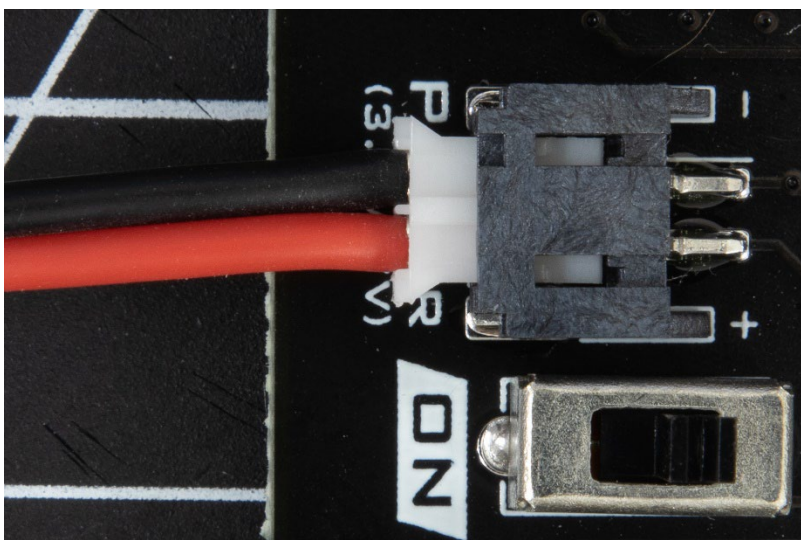


## TROUBLESHOOTING TIPS:


1. MAKE SURE THAT THE MICROSD CARD IS PLUGGED INTO THE WEATHER STATION BEFORE TRYING TO COLLECT DATA
2. WHEN INSERTING THE MICROSD CARD INTO THE MICROSD CARD ADAPTER IT WILL ONLY GO IN AS FAR AS THE IMAGE SHOWN BELOW. IF YOU ARE HAVING DIFFICULTIES INSERTING IT, TRY ROCKING IT SIDE TO SIDE AND INSERTING IT AGAIN.

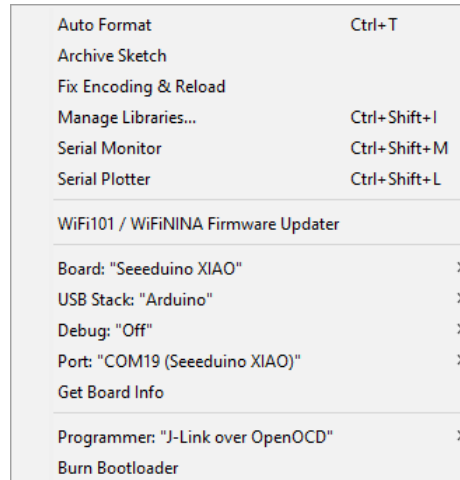


3. WHEN PLUGGING IN THE BATTERY PACK INTO THE WEATHER STATION, THE CONNECTOR SHOULD ONLY FIT ONE WAY. THE LITTLE BUMP IN THE MIDDLE SHOULD BE FACING UP. REFER TO THE IMAGE BELOW.





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4. THE POWER SWITCH ONLY WORKS WHEN THE WEATHER STATION IS NOT PLUGGED INTO THE COMPUTER.
5. WHEN UPLOADING CODE TO THE WEATHER STATION MAKE SURE THAT THE FOLLOWING PARAMETERS ARE SIMILAR TO THE ONES BELOW (NOTE: YOUR COM PORT MAY BE DIFFERENT FROM THE ONE BELOW)



6. IF **SEEEEDUINO XIAO** IS NOT SHOWING UP, GO TO **FILE > PREFERENCES** AND ENSURE THE BOARD MANAGER URL IS ENTERED AND THE **VERIFY CODE AFTER UPLOAD** BUTTON IS UNCHECKED