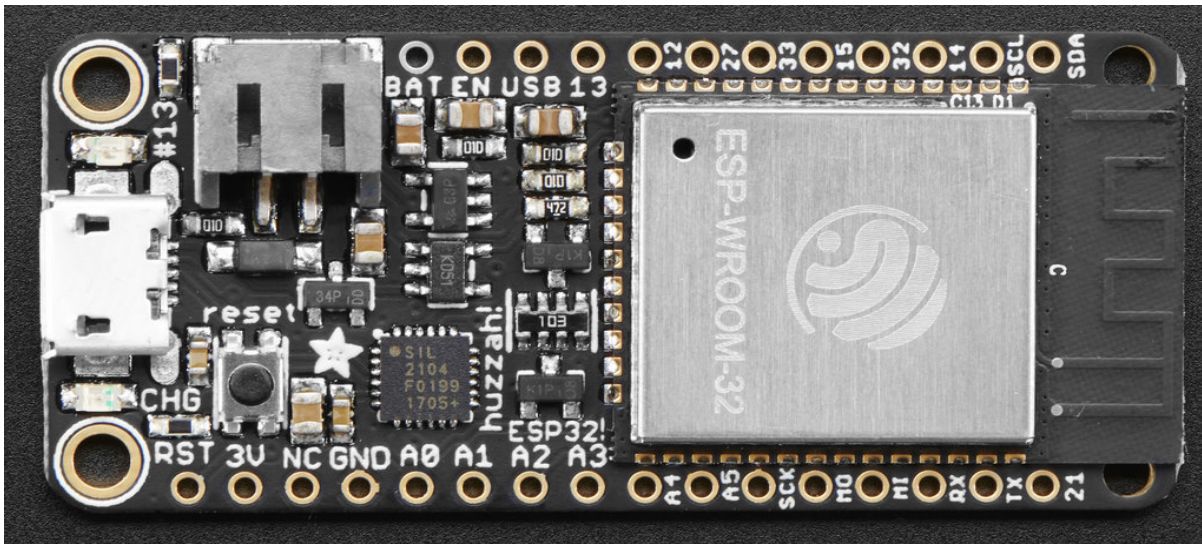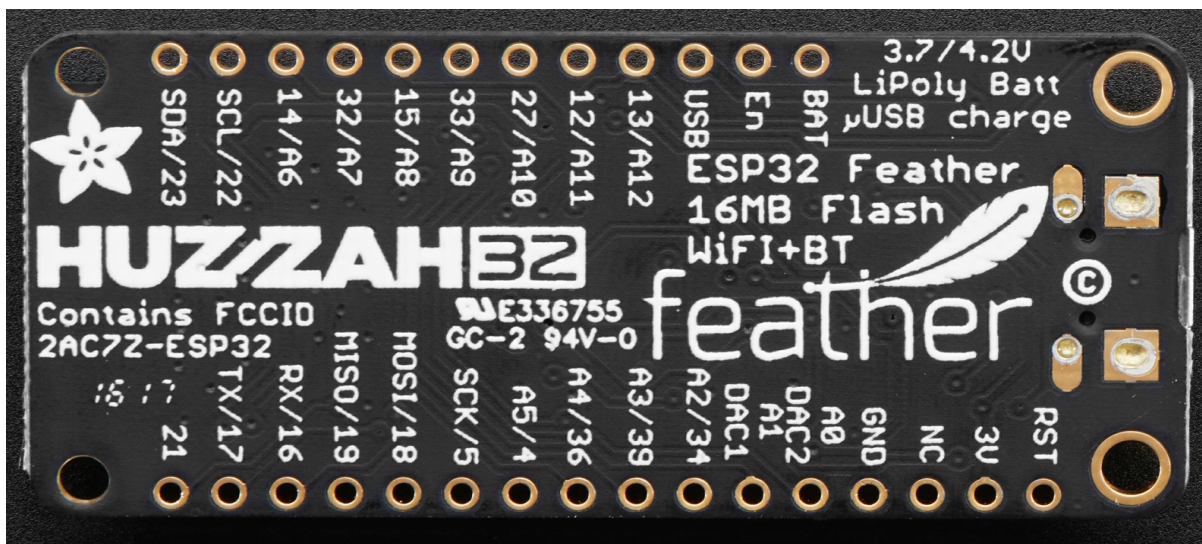NEVER PLUG IN YOUR FEATHER BOARD WITH
THE ARDUINO MEGA ATTACHED WHETHER
IT IS POWERED UP OR NOT!

The ESP32 is a 3.3V device, the Arduino is a 5V device!

Bottom of Feather Board

Mapping to Vandalino2 Board

Feather Pin	Vandalino2 Pin	
Short Side		
27/A10	2	
33/A9	28	
15/A8	47	
32/A7	48	
14/A6	29	
SCL/22	SCL	On I2C Bus
SCL/23	SDA	On I2C Bus
Long Side		
A0/DAC2	45	
A1/DAC1	19	
A2/34	53	
A3/39	51	
A4/36	49	
A5/4	3	
RX/16	RX3	
TX/17	TX3	
21	24	

GROVE CONNECTORS

Grove Name	ESP32 Function
J1 Serial3	RX3/TX3
J2 D45/D48	See above
J3 D19/D18	See above
J4 A8/A9	See above
J5 AIN0/AIN1	Connected to ADS1115 I2C ADC
J6 I2C	3.3V I2C
J7 I2C	3.3V I2C