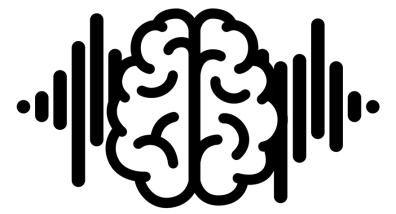


# CONNECTING EEG ELECTRODE CAP

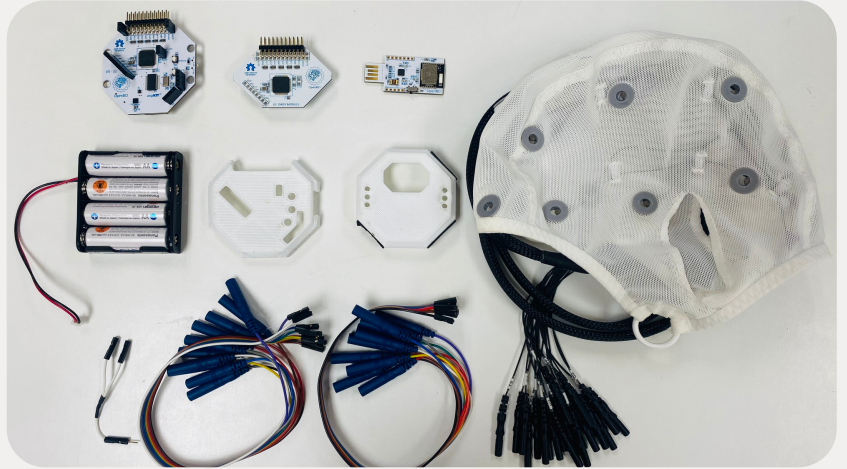


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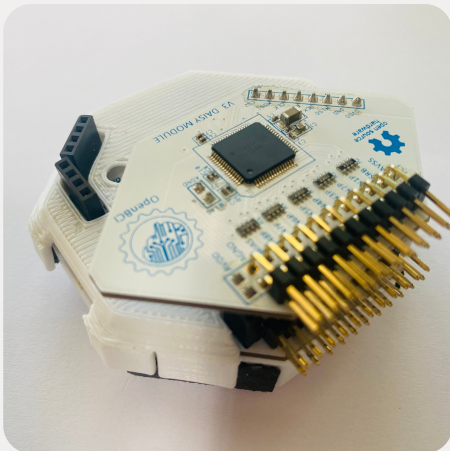
## I. WHAT YOU WILL NEED

- I. OpenBCI Cyton Board
- II. OpenBCI Daisy Extension
- III. OpenBCI Dongle
- IV. OpenBCI EEG Electrode Cap (Size M/L)
- V. 6V AA battery pack & (x4) AA batteries
- VI. Case (if any)
- VII. Y-Splitter Cable
- VIII. 2 HPTA Cables

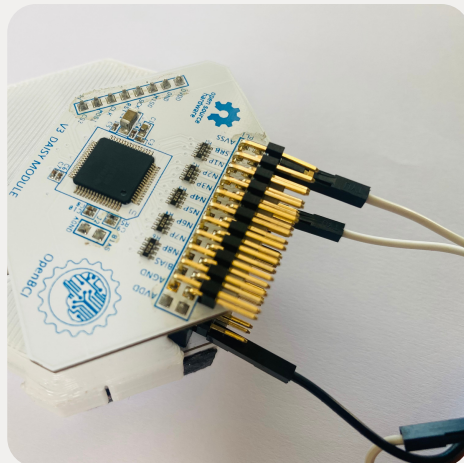
\*From picture, the order from left to right



## II. GROUND AND REFERENCE



Attach the Daisy extension on top of the Cyton Board with the case in between.



For reference, connect the white Y-Splitter Cable to the bottom SRB pin of the Daisy and Cyton Board.

For ground, connect the black cable to the bottom BIAS pin of the Cyton board.



Connect the single end of the Y-Splitter to the REF cable of the EEG cap.

Connect the BIAS cable to the GND cable of the EEG cap.

## III. CONNECTING ELECTRODE CAP TO THE CYTONDAISY

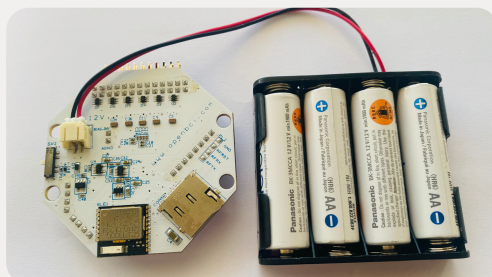


Use the HPTA cables to connect bottom pins N1P - N8P of Cyton board and Daisy to the cables of the EEG cap.

\*Color order does not matter.

\*If more than 8 electrodes, then connect to the Cyton board first until it is full.

\*The order depends on your choice of electrodes.



Loop the battery pack's cable through the hole on the other piece of the case then plug in the 6V AA battery pack to Cyton board.

\*Be careful to plug in correctly according to the shape or a reversed polarity will burn out the board!!



Attach the two pieces of the case together and we're done!