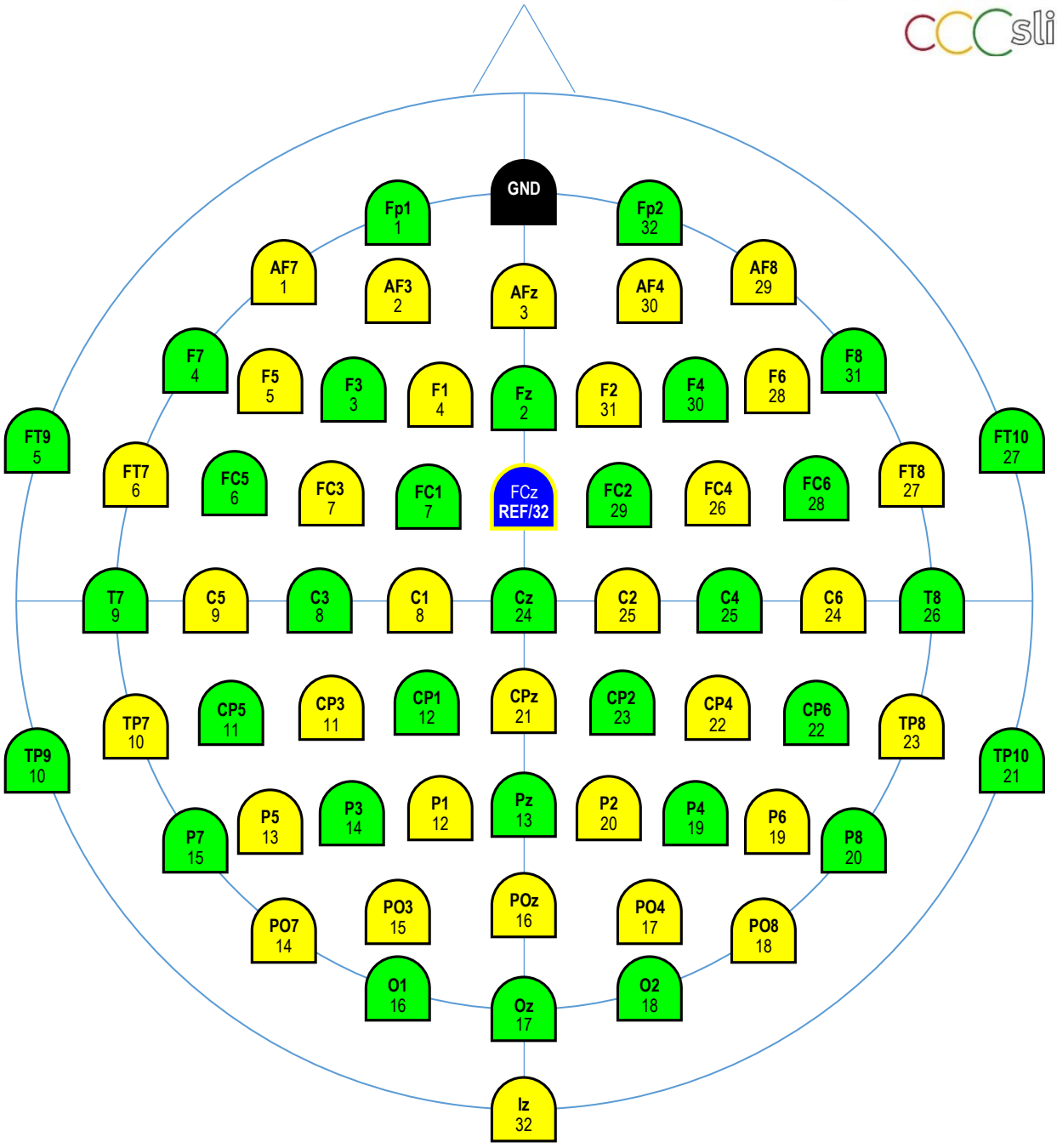
ASG - Standard Printed 64Ch actiCAP slim

Cap with electrodes and printed electrode labels

Electrode Names and Number Labels



Easycap GmbH Am Anger 5, 82237 Wörthsee, Germany www.easycap.de support@easycap.de

Details

Ordering Information

For ordering please give **Layout Name, Cap Cut,** and **Size** (eg. *ASG-64, C-Cut, High Precision, White, 58*):

- Layout Name: ***ASG-64***
- Cap Cut: ***C-Cut*** or ***A-Cut***
- Size (given in cm head circumference):
  - Adult caps: ***54***, ***56***, ***58***, ***60***, ***62***, ***64*** (average male: 58, average female: 56)
  - Children caps: ***50*** (3-4 years), ***52*** (5-10 years), ***54*** (11-14 years)
  - Infant caps: ***42***, ***44*** (7 month), ***46***, ***48*** (2 years)

The catalogue-number comprises the cap as described. For further information about accessories or consumables, please visit our website or contact our local distributor.

Cap

Standard: White Subinion Cap with integrated chin belt, with printed name labels.
Sizes 52 – 64 made from High Precision Fabric, Sizes 50 and smaller made from High Comfort Fabric
Options: C-Cut or A-Cut, Size. For further variations, contact us.

Electrodes

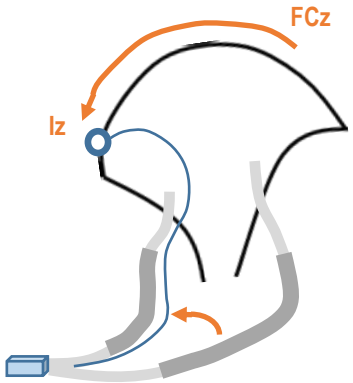
Electrodes 1-32 and 33-64 are actiCAP-Slim electrodes, terminating at a splitter box for connection to actiCHamp or actiCAP control box. REF and GND (160cm) come with individual connectors. All electrodes are buttoned directly into the cap or can be attached to the skin with washers (= double-sided adhesive rings).

Please note: Each 32Ch electrode set is labelled 1-32; however, the splitter boxes are numbered 1 and 2.
Please use the electrodes of splitter box 1 for channels 1-32 (green positions in the figure).
Please use the electrodes of splitter box 2 for channels 33-64 (yellow positions in the figure).

Usage WITH or WITHOUT REF-Electrode

If your hardware requires a REF electrode (e.g.actiCAP control box),
button Ref into the opening at FCz. To do so, move Ch64 (yellow 32) from FCz to Iz, and from the anterior into the posterior right cable branch.

If your hardware uses NO REF electrode (e.g actiCHamp).
leave the REF electrode unused, and keep Ch 64 (yellow 32) at FCz.
(This is the status at delivery, with REF not in the cap.)



Hints when performing TMS and EEG simultaneously

To minimize the TMS artefacts onto the EEG signal, electrode cables should be led away from the TMS stimulation point. To be able to do so, the electrode cables are not attached to the cap and can be rotated 360° in their cap holes. You may secure a certain cable geometry with the enclosed cable clips and velcro straps.

Depending on the site of the TMS stimulation, it may be advisable to move the REF electrode away from the stimulation point to another position further away.

Cap Layout download

The QR code and link below take you to the download section of our website, where you can search for and download this cap layout document including Theta/Phi coordinates:
https://easycap.de/cap-layout-download/