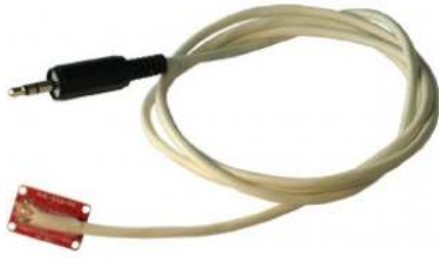


## EEG-PE



### **LOW COST OPEN SOURCE EEG DEVICE PASSIVE ELECTRODES WITH 1M SHIELDED CABLE TO BE USED FOR THE DRL CONNECTION**

Many people are interested in what is called neurofeedback or EEG biofeedback training, a generic mental training method which makes the trainee consciously aware of the general activity in the brain. This method shows great potential at improving many mental capabilities and exploring consciousness. Other people want to do experiments with brain-computer interfaces or just want to have a look at their brain at work.

Unfortunately, commercial EEG devices are generally too expensive to become a hobbyist tool or toy.

The OpenEEG project is about making plans and software for do-it-yourself EEG devices available for free (as in GPL). It is aimed toward amateurs who would like to experiment with EEG. However, if you are a pro in any of the fields of electronics, neurofeedback, software development etc., you are of course welcome to join the mailing-list and share your wisdom.

For complete info on project please visit openEEG web site: <http://openeeg.sourceforge.net>

### **HARDWARE**

EEG-AE schematic in PDF format

EEG-AE schematic and board file in Eagle format

### **Note**

EEG-PE is a passive electrode board assembled with a 1 meter shielded cable and a connector which plugs in EEG-SMT. They are with four small holes which allow them to be sawn to an elastic band, the electrode side is with a gold plating, the back side is potted with hot glue to protect the electrodes from dust, humidity.