

Block Diagram Of Eeg

Block Diagram Of Eeg - Block Diagram of EEG Machine 1) Montage selector: 2) Pre-amplifier. 3) Filters and amplifiers. 4) Analog to Digital Converters (ADC). 5) Writing recorder and paper drive. Abstract: EEG Block diagram EEG circuit diagram Text: SONY Block Diagram CXB1582Q ra i c o ra LU C Ũ _ 1 o _ 1 LU CO CO - LU CO CO I] _ 1 , when SHD is set to low level. V eeE O - - V eeG 45, 58 VccE Power supply 3.3V VccE , enabled when LBEN is set to high level. EEG is an instrument used for recording of electrical activity of brain. EEG electrodes are smaller than ECG. The activity measured by EEG are electrical potential created by the post-synaptic currents. Its an effective method for diagnosing many neurological disorder such as epilepsy, tumour, etc. Eye-induced artifacts². Cardiac artifacts³. The bias circuitry is used as a means to counter the common-mode interference in a EEG system as a result of power lines and other sources, including fluorescent lights. The bias circuit senses the common-mode of a selected set of electrodes and creates a negative feedback loop by driving the body with an inverted common mode signal.