Abstract—This project tries to address one of the currently most critical problems for high-density integrated biosignal acquisition-output-associated stability regarding the low-frequency cutoff of the high-pass filtering involved in the multi-channel bioacquisition analog front end. The project will cover in depth the technical contents of literature survey, design, analysis, simulation, and implementation with system viewpoints for proposed feedback-based control circuit achieving cost-effective energy-efficient sensor(electrode)-output-associated DC offset removal.

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Key Reference