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## **Biopotential Readout Circuits for Portable Acquisition ...**

4.6 Eight-Channel EEG Readout Front-End 63  
4.6.1 Implementation 63  
4.6.2 Measurement of Performance 68  
4.6.3 Biological Test Results 71  
4.7 Comparison with the State-of-the-Art 75  
4.8 Conclusions 77  
5 A Complete Biopotential Acquisition ASIC 79  
5.1



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Introduction 79 5.2 ASIC Architecture 79 5.3 Bias Generator Circuit 81

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crucial and important block of this acquisition system is the analog readout front-end.

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contaminating signals in portable biomedical monitoring systems is of great challenge in minimizing the

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power consumption while maintaining a high performance. This thesis investigates the most critical component in the biopotential acquisition system: the readout front-end (RFE) for obtaining high quality biopotential signal.

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