

DAFTAR PUSTAKA

- [1] N. M. Kesto, "Electrocardiography circuit design," *Analog Fundamentals of the ECG Signal Chain*, 2014.
- [2] X. Sun, "Low noise, high accuracy analog electrocardiogram (ecg) signal front end amplifier for wearable equipment," *International Conference on Electronics, Circuits and Information Engineering (ECIE)*, 2021.
- [3] D. E. S. D. L. B. Shumpei Mori, Justin T. Tretter and R. H. Anderson, "What is the real cardiac anatomy," *Clinical Anatomy*, vol. 32, 2019.
- [4] D. M. C. P. Pratik Kanani, "Recognizing real time ecg anomalies using arduino, ad8232 and java," *M.S. University of Baroda*, 2018.
- [5] B. J. R. O. Venkata Krishna, "Design and implementation of instrumentation amplifier for eeg in 180nm cmos technology," *CVR Journal of Science and Technology*, vol. 8, 2015.
- [6] S. S. I. M. A. R. G. M. R. J. N. Md. Abu Obaida Zishan, H.M. Shihab, "Dense neural network based arrhythmia classification on low-cost and low-compute micro-controller," *Expert Systems with Applications*, 2024.
- [7] X. W. H. Y. B. W. J. D. Weilin Xu, Taotao Wang and H. Li, "Low noise, high input impedance digital-analog hybrid offset suppression amplifier for wearable dry electrode ecg monitoring," *Electronics MDPI Journal*, 2020.
- [8] B. M. Temesghen Tekeste, Hani Saleh and F. Mohammed Ismail, "Ultra-low power qrs detection and ecg compression architecture for iot healthcare devices," *IEEE Transactions on Circuits and Systems*, vol. 66, no. 2, 2019.
- [9] Y. G. Q. L. X. W. Chen Zhang, Junfeng Chang and X. Zhang, "A low-power ecg processor asic based on an artificial neural network for arrhythmia detection," *Applied Sciences MDPI*, 2023.
- [10] S. F. Barrett, "Operational amplifiers and filtering," *Synthesis Lectures on Digital Circuits and Systems*, 2023.
- [11] R. S. Yeni Wahyu Siswanti, Muhammad Yazid, "Comparison of 10 qrs detection methods for heart beat detection on portable ecg systems," *International Conference on Computer Engineering, Network and Intelligent Multimedia*, 2020.
- [12] K. W. F. J. M. A. Mohamed Hammad, Asmaa Maher, "Detection of abnormal heart conditions based on characteristics of ecg signals," *International Measurement Confederation*, 2018.
- [13] K. P. R. Indonesia, "Kebijakan tkdn dalam bidang kefarmasian dan alat kesehatan," *Rapat Koordinasi Perencanaan Dekonsentrasi TA 2023*, 2023.
- [14] A. U. L. S. O. A. S. [1] Ingo Hoyer, Özgü Roßmann, "The artemis project: Mixed-signal ic for edge-ai-based classification of ecg signals," *International Journal of Current Directions in Biomedical Engineering*, 2023.



- [15] N. V. H. A. A. M. K. J. H. C. V. H. [2] Hyejung Kim, Sunyoung Kim and R. F. Yazicioglu, "A configurable and low-power mixed signal soc for portable ecg monitoring applications," *IEEE Transactions on Biomedical Circuits and Systems*, vol. 8, no. 2, 2014.
- [16] Q. S. IE Zhang, Hong Zhang and R. Zhang, "A low-noise, low-power amplifier with current-reused ota for ecg recordings," *IEEE Transactions on Biomedical Circuits and Systems*, vol. 12, no. 03, 2018.
- [17] M.-H. G. S.-Y. J. M.-H. F. P. A. R. A. C.-A. C. Liang-Hung Wang, Wei Zhang and S.-L. Chen, "A low-power high-data-transmission multi-lead ecg acquisition sensor system," *MDPI Sensors Journal*, 2019.
- [18] R. A. K. William Jerrel Iskandar, Ibnu Roihan, "Prototype low-cost portable electrocardiogram (ecg) based on arduino-uno with bluetooth feature," *AIP Conference IEEE*, 2019.
- [19] S. A. Sulove Bhattarai, Sudip Bhujel and S. Maharjan, "Design and implementation of a portable ecg device," *Journal of Innovations in Engineering Education*, vol. 3, no. 1, 2020.
- [20] H. I. a. A. N. N. Mohamed Adel Serhani 1, Hadeel T. El Kassabi, "Ecg monitoring systems: Review, architecture, processes, and key challenges," *MDPI Sensors Journal*, 2020.
- [21] R. Kumar, "Development of three lead ecg machine," *Electronics and Communication Engineering National Institute Of Technology*, 2015.
- [22] W. Yang, "A new type of right-leg-drive circuit ecg amplifier using new operational amplifier," *Journal of Physics: Conference Series ISSMAS*, 2021.