

DAFTAR PUSTAKA

- [1] A. Agustiawan Surtono and G. A. Pauzi, “Computer Based 12 Lead ECG Data Acquisition Instrumentation System,” *J. Teor. dan Apl. Fis.*, vol. 04, no. 01, pp. 67–76, 2016.
- [2] A. E. Hassanien, M. Kilany, and E. H. Houssein, “ECG signals classification: a review,” *Int. J. Intell. Eng. Informatics*, vol. 5, no. 4, p. 376, 2017, doi: 10.1504/ijiei.2017.10008807.
- [3] S. HADIYOSO, M. JULIAN, A. RIZAL, and S. AULIA, “Pengembangan Perangkat EKG 12 Lead dan Aplikasi Client-Server untuk Distribusi Data,” *ELKOMIKA J. Tek. Energi Elektr. Tek. Telekomun. Tek. Elektron.*, vol. 3, no. 2, p. 91, 2015, doi: 10.26760/elkomika.v3i2.91.
- [4] Y. Lin and M. Sriyudthsak, “Design and Development of Standard 12-Lead ECG Data Acquisition and Monitoring System,” *Procedia Comput. Sci.*, vol. 86, no. March, pp. 136–139, 2016, doi: 10.1016/j.procs.2016.05.034.

- [5] G. B. Adityaputra, T. Tasripan, and T. A. Sardjono, "Rancang Bangun Elektrokardiograf 12-Leads Untuk Sistem Pengawasan Kesehatan Jantung Jarak Jauh," *J. Tek. ITS*, vol. 8, no. 1, 2019
- [6] H. A. Supriyatna and Y. Away, "Desain Sistem Internet of Things (Iot) Untuk Pemantauan Dan Prediksi Gejala Serangan Jantung," *J. Karya Ilm. Tek. Elektro*, vol. 4, no. 1, pp. 31–39, 2019.
- [7] "A Low-Cost Internet of Things (IoT) System for Multi-Patient ECG ' s Monitoring," pp. 7–11, 2016.
- [8] P. Ecg and B. Iot, "Analisis Pengiriman Dan Penerimaan Data Lead," pp. 232–238, 2022.
- [9] L. A. Abdulla and M. S. Al-Ani, "A Review Study for Electrocardiogram Signal Classification," *UHD J. Sci. Technol.*, vol. 4, no. 1, pp. 103–117, 2020, doi: 10.21928/uhdjst.v4n1y2020.pp103-117.
- [10] G. D. Gargiulo *et al.*, "On the einthoven triangle: A critical analysis of the single rotating dipole hypothesis," *Sensors (Switzerland)*, vol. 18, no. 7, 2018, doi: 10.3390/s18072353.

- [11] A. A. Sahifa, R. Setiawan, and M. Yazid, "Pengiriman Data Berbasis Internet of Things untuk Monitoring Sistem Hemodialisis Secara Jarak Jauh," *J. Tek. ITS*, vol. 9, no. 2, pp. 4–9, 2021, doi: 10.12962/j23373539.v9i2.55650.
- [12] I. Agustian, "Rancang Bangun Pemantau Detak Jantung dan Suhu Tubuh Portabel Dengan Sistem IoT," vol. 9, no. 2, pp. 14–18, 2020.
- [13] R. Hariri, L. Hakim, and R. F. Lestari, "Sistem Monitoring Detak Jantung Menggunakan Sensor AD8232 Berbasis Internet of Things," pp. 164–172, 2012, doi: 10.22441/incomtech.v9i2.70705.
- [14] U. Gnaneshwara Chary and H. Kakarla, "Low Power Analog Multiplexers for ECG Applications," *J. Phys. Conf. Ser.*, vol. 1804, no. 1, 2021, doi: 10.1088/1742-6596/1804/1/012177.
- [15] M. Babiuch, P. Folytynek, and P. Smutny, "Using ESP32 microcontrollers for data processing," Proc. 2019 20th Int. Carpathian Control Conf. ICC 2019, pp. 1-6, 2019, doi: 10.1109/CarpathianCC.2019.8765944.

- [16] M. Rifali and D. Irmawati, "Intelligent System for Electrocardiogram (ECG) Signal Detection for Normal and Abnormal Heart Classification Using Artificial Neural Network (JST)," *Elinvo (Electronics, Informatics, Vokat. Educ.)*, vol. 4, no. 1, pp. 49-55, 2019
- [17] A. Winursito, "Development of Noise Resistant Heart Health Monitoring System Based on ECG Signal," *JSTIE (Journal of Sarj. Tek. Inform.)*, vol. 10, no. 2, p. 56, 2022
- [18] L. Liu, G. R. Yan, and L. Yi, "Design and implementation of equipment monitoring system in IOT-based workshop," *Appl. Opt. Mech. Mater*, vol. 271, no. PART 1, pp. 1275-1280, 2013
- [19] J. Reinhard, H. Hatzmann, and S. Schiermeier, "Fetales Elektrokardiogramm (ECG) als Alternative der Doppler-Kardiotokografie (CTG) zur antepartualen Überwachung des Feten - Erste Ergebnisse," *Z. Geburtshilfe Neonatol.*, vol. 212, no. 6, pp. 226-229, 2008, doi: 10.1055/s-0028-1098718.

- [20] R. G. T. Mello, L. F. Oliveira, and J. Nadal, "Digital Butterworth filter to reduce noise from low-magnitude surface electromyograms," *Comput. Methods Programs Biomed.*, vol. 87, no. 1, pp. 28-35, 2007
- [21] U. Gnaneshwara Chary and H. Kakarla, "Low-power Analog Multiplexer for ECG Applications," *J. Phys. Conf. Ser.* vol. 1804, no. 1, 2021, doi: 10.1088/1742-6596/1804/1/012177.
- [22] A. I. Tătaru and C. N. Drugă, "Design and Realization of ECG based on Arduino Mega 2560 development board," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 568, no. 1, 2019, doi: 10.1088/1757-899X/568/1/012081.
- [23] L. Nahar, S. S. Zafar, and F. B. Rafiq, "IOT-based ICU Patient Health Monitoring System," *11th Annu. IEEE Inf. Technol. Electron. Mob. Commun. Conf. IEMCON 2020*, pp. 407-413, 2020
- [24] A. Matonia et al., "Fetal, live and abdominal electrocardiograms with reference heart rate annotation," *Sci. Data*, vol. 7, no. 1, pp. 1-14, 2020, doi: 10.1038/s41597-020-0538-z.

- [25] B. E. Jin, H. Wulff, J. H. Widdicombe, J. Zheng, D. M. Bers, and J. L. Puglisi, "A simple device to illustrate the Einthoven triangle," *Am. J. Physiol. - Adv. Physiology Education*, vol. 36, no. 4, pp. 319-324, 2012