

## DAFTAR PUSTAKA

- [1] J. Jiang and C. Zhang, *Fundamentals and Applications of Lithium-Ion Batteries in Electrical Drive Vehicles*, Singapore: John Wiley and Sons Singapore Pte. Ltd., 2015.
- [2] S. W. Moore and G. MacLean, *Control and Management Strategies for the Delphi High Power Lithium Battery*, Formula Sun, 2013.
- [3] B. Lawson, "The Electropedia," Woodbank Communications Ltd, [Online]. Available: <https://www.mpoweruk.com>. [Accessed 29 October 2019].
- [4] F. R. Kalhammer, B. M. Kopf, D. H. Swan and V. P. Roan, "Status and Prospects for Zero Emission," California, 2007.
- [5] D. Andrea, *Battery Management Systems for Large Lithium Ion Battery Packs*, Norwood: Artech House, 2010, pp. 1-15.
- [6] J. M. B. Marques, *Battery Management System (BMS) for Lithium-Ion Batteries*, Coimbra: University of Coimbra, 2014.
- [7] Y.-G. C. B. K. S.-W. Lee, "Active Charge Equalizer of Li-Ion Battery Cells Using Double Energy Carriers," *Energies*, vol. 12, no. 12, p. 2290, 2019.
- [8] A. P. S. Kusumo, "Mikrokontroler STM32F407VG dan Battery Monitoring Front-End AD7280A sebagai Sistem Manajemen Baterai pada Modul Baterai Lithium Ion Samsung INR18650-25R," Universitas Gadjah Mada, Yogyakarta, 2017.
- [9] H. J. Bergveld, *Battery Management Systems Design by Modelling*, Eindhoven: Royal Philips Electronics N.V., 2001.
- [10] Analog Devices, Inc., *Lithium Ion Battery Monitoring System AD7280A*, Norwood: Analog Devices, Inc, 2011.



- [11] Analog Devices, Inc., "Evaluation Board for the AD7280A Lithium Ion Battery Monitoring System," Analog Devices, Inc., Norwood, 2011.
- [12] STMicroelectronics, "Discovery Kit with STM32F407VG MCU," STMicroelectronics, 2011.
- [13] "Dasar-dasar Serial Peripheral Interface (SPI) Mikrokontroler," 5 Juli 2015. [Online]. Available: [insinyoer.com](http://insinyoer.com). [Accessed 4 November 2019].
- [14] Wikipedia, "Serial Peripheral Interface," Wikimedia Foundations, Inc., 14 Oktober 2003. [Online]. Available: <https://en.wikipedia.org/>. [Accessed 4 November 2019].
- [15] "ADC (Analog to Digital Converter)," Zona Elektro, 14 Oktober 2014. [Online]. Available: [zonaelektro.net](http://zonaelektro.net). [Accessed 2019 November 5].
- [16] Allegro, "ACS712 Datasheet," Allegro, 2013.
- [17] STMicroelectronics, "Reference Manual - RM0090 STM32F405/415, STM32F407/417, STM32F427/437 and STM32F429/439 advanced ARM-based 32-bit MCUs," STMicroelectronics, 2016.
- [18] Electronics Tutorials, "Butterworth Filter Design," ASPENCORE, [Online]. Available: [https://www.electronics-tutorials.ws/filter/filter\\_8.html#pll\\_switcher](https://www.electronics-tutorials.ws/filter/filter_8.html#pll_switcher). [Accessed 9 Maret 2020].