DAFTAR PUSTAKA

[1] C.-T. PHAN-TAN, “Design and Implementation of a Micro-Inverter for Photovoltaic Applications,” vol. 118, no. 24, pp. 1–21, 2017.

[2] Administrator, "Microinverters Vs String Inverter," Enphase, [Online]. Available:https://enphase.com/en-us/products-and-services/microinverters/vs-string-inverter. [Accessed 01 July 2020].

[3] Administrator, "Microinverters Vs Central Inverters," Bumi Energi Surya, 16 April 2019. [Online]. Available: https://bumienergisurya.com/micro-inverters-vs-central-inverters/. [Accessed 01 July 2020].

[4] E. Kabalci, A. Boyar, and Y. Kabalci, “Design and analysis of a micro inverter for PV plants,” *Proc. 9th Int. Conf. Electron. Comput. Artif. Intell. ECAI 2017*, vol. 2017–January, no. c, pp. 1–6, 2017.

[5] D. W. Hart, “Power Electronic,” Pearson Education, Inc, 2010.

[6] M. H. Rashid, “Power Electronics Handbook,” Canada: Academic Press, 2001.

[7] Administrator, "Chapter 2: Single Phase Pulse Width Modulated Inverters," TennesseeTech,[Online].Available:https://ouweb.tntech.edu/engineering/pdf /cesr/ojo/asuri/ Chapter2.pdf. [Accessed 05 July 2020].

[8] Administrator, "Mosfet Sebagai Saklar," Elektronika Dasar, 25 July 2012. [Online]. Available: https://elektronika-dasar.web.id/mosfet-sebagai-saklar/. [Accessed 1 July 2020].

[9] H. Driver, “IR2103 (S) IR2103 (S) Absolute Maximum Ratings,” vol. 2103, pp. 1–12.

[10] D. Kho, "Pengertian Transformator dan Prinsip Kerja Trafo," Teknik Elektronika, [Online]. Available: https://teknikelektronika.com/pengertian-transformator-prinsip-kerja-trafo/. [Accessed July 01 2020].

[11] Administrator, "Voltage Sensor Module," Components101, 10 April 2020. [Online]. Available: https://components101.com/sensors/voltage-sensor-module. [Accessed 10 July 2020].

[12] Allegro®, “ACS712 [Datasheet],” *Allegro MicroSystems, Inc*, pp. 1–14, 2007.

[13] Administrator, "AC Voltage Sensor (ZMPT101B)," Make My Product, [Online].Available:https://makemyproduct.in/User/ProductDetailView.aspx?

myID=1&subID=26&pId=1247. [Accessed 15 July 2020].

[14] Administrator, "Arduino Nano," Arduino, [Online]. Available: https://store.arduino.cc/usa/arduino-nano. [Accessed July 01 2020].

[15] Administrator, "Arduino Mega 2560," Arduino, [Online]. Available: https://store.arduino.cc/usa/mega-2560-r3. [Accessed 01 July 2020].

[16] Administrator, "Nodemcu ESP8266," Components101, 22 April 2020. [Online].Available:https://components101.com/development-boards/nodemcu-esp8266-pinout-features-and-datasheet. [Accessed 15 July 2020].

[17] U. P. Sari, "Platform Thingspeak," *Univ. Sriwij.*, 2016.

[18] E. W. Patton, M. Tissenbaum, and F. Harunani, *Computational Thinking Education*. Springer Singapore, 2019.

[19] K. Azmi, I. D. Sara, J. Tengku, S. Abdur, R. No, and B. Aceh, "Desain dan Analisis Inverter Satu Fasa dengan Menggunakan Metode SPWM Berbasis Arduino," vol. 2, no. 4, pp. 36–44, 2017.

[20] A. Report, "Bootstrap Circuitry Selection for Half-Bridge," no. August, pp. 1–10, 2018.

[21] H. P. Mosfet, "IRF3205," pp. 1–8.

[22] Administrator, "How To Generate A Sine Wave From Arduino or Atmega 328," eprojectzone, 21 August 2016. [Online]. Available: http://www.eprojectszone.com/how-to-generate-a-sine-wave-from-arduino-or-atmega-328/. [Accessed 10 June 2020].

[23] Manajemen dan Pemantauan Energi Motor BLDC pada Mobil Listrik Berbasis IoT," *J. Nas. Tek. Elektro dan Teknol. Inf.*, vol. 7, no. 4, pp. 444–450, 2018.

[24] M. Premkumar, K. Karthick, and R. Sowmya, "A review on solar PV based grid connected microinverter control schemes and topologies," *Int. J. Renew. Energy Dev.*, vol. 7, no. 2, pp. 171–182, 2018.