

## DAFTAR PUSTAKA

- Anonim, t.t., *AN50009 Power MOSFET applications in automotive BLDC and PMSM drives Rev. 2.0-5 July 2022 application note Document information Information Content*.
- Anonim, t.t., *Datasheet MGD IR2110*,
- Anonim, 2016, *DN1156 Gate drivers in BLDC Motors Three-phase Half-bridge Driving Brushless DC (BLDC) Motor*. [Online]. tersedia di [www.diodes.com](http://www.diodes.com).
- Bhuiyan, Md.F., Rejwan Uddin, M., Tasneem, Z., Hasan, M. dan Salim, K.M., 2018, *Design, Code Generation and Simulation of a BLDC Motor Controller usuing PIC Microcontroller, 2018 International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE)*, [Online], Juli 2018 IEEE., hlm. 1427–1431, tersedia di DOI:10.1109/ICRIEECE44171.2018.9008910.
- Bhuiyan, Md.F., Sakib, N., Uddin, M.R. dan Salim, K.M., 2019, *Experimental Results of a locally developed BLDC Motor Controller for electric tricycle, 2019 1st International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT)*, [Online], Mei 2019 IEEE., hlm. 1–4, tersedia di DOI:10.1109/ICASERT.2019.8934491.
- Goswami, A., Sreejeth, M., Upadhyay, R. dan Indu, S., 2021, *Brushless DC Motor Based E-Rickshaw Controller Design, 2021 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT)*, [Online], 27 Agustus 2021 IEEE., hlm. 196–200, tersedia di DOI:10.1109/RTEICT52294.2021.9573560.
- Huazhang, W., 2012, *Design and Implementation of Brushless DC Motor Drive and Control System, Procedia Engineering*, [Online] 292219–2224, tersedia di DOI:<https://doi.org/10.1016/j.proeng.2012.01.291>.
- Kahrmanovic, E., 2016, *Power Loss and Optimised MOSFET Selection in BLDC Motor Inverter Designs Understanding MOSFET power losses in block (trapezoidal) commutation*. [Online]. tersedia di [www.infineon.com](http://www.infineon.com).
- Maghfiroh, H., Ahmad, M., Sujono, A., Saputro, J.S., Adriyanto, F. dan Nizam, M., 2021, *Design and Prototyping of Inverter for BLDC Speed Control, 2021 International Conference on Instrumentation, Control, and Automation (ICA)*, [Online], 25 Agustus 2021 IEEE., hlm. 71–76, tersedia di DOI:10.1109/ICA52848.2021.9624476.
- Mochammad, R., Rahman, F., Mashar, A. dan Yusuf, E., 2022, *Prosiding The 13th Industrial Research Workshop and National Seminar Bandung*.
- Mohanraj, D., Arul david, R., Verma, R., Sathiyasekar, K., Barnawi, A.B., Chokkalingam, B. dan Mihet-Popa, L., 2022, *A Review of BLDC Motor: State*

- of Art, Advanced Control Techniques, and Applications, *IEEE Access*, [Online] 1054833–54869, tersedia di DOI:10.1109/ACCESS.2022.3175011.
- Nama, T., Gogoi, A.K. dan Tripathy, P., 2017a, Application of a smart *hall* effect sensor system for 3-phase BLDC drives, *2017 IEEE International Symposium on Robotics and Intelligent Sensors (IRIS)*, [Online], Oktober 2017 IEEE., hlm. 208–212, tersedia di DOI:10.1109/IRIS.2017.8250123.
- Nama, T., Gogoi, A.K. dan Tripathy, P., 2017b, Application of a smart *hall* effect sensor system for 3-phase BLDC drives, *2017 IEEE International Symposium on Robotics and Intelligent Sensors (IRIS)*, [Online], Oktober 2017 IEEE., hlm. 208–212, tersedia di DOI:10.1109/IRIS.2017.8250123.
- Poolphaka, P., Jamshidpour, E., Lubin, T., Baghli, L. dan Takorabet, N., 2023, Comparative Study of IGBT and SiC MOSFET Three-Phase Inverter: Impact of Parasitic Capacitance on the *Output Voltage Distortion*, *Actuators*, [Online] 12 (9), 355, tersedia di DOI:10.3390/act12090355.
- Putra, S., 2017, *PROTOTIPE PENGENDALI BEBAN UNTUK KENDARAAN LISTRIK SKRIPSI Disusun oleh: Satria Putra K 13/345810/TK/40427 PROGRAM STUDI TEKNIK ELEKTRO.*
- Ravigan, F., Alboteanu, L., Dumitriu, M. dan Zglimbea, I., 2018, BLDC Controller for two-wheel vehicles, *2018 International Conference on Applied and Theoretical Electricity (ICATE)*, [Online], Oktober 2018 IEEE., hlm. 1–4, tersedia di DOI:10.1109/ICATE.2018.8551476.
- Sutar, A., Mahamuni, S., Bagwan, S., Jamadar, S., Patil, Y. dan Thakur, P., 2023, Electric Vehicle Motor Controller *Design* using ATmega64M1, *2023 4th International Conference on Signal Processing and Communication (ICSPC)*, [Online], 23 Maret 2023 IEEE., hlm. 201–205, tersedia di DOI:10.1109/ICSPC57692.2023.10125647.
- Uppuluri, S., 2016, *AN1102 Key MOSFET parameters for Motor Control applications*. [Online]. tersedia di [www.diodes.com](http://www.diodes.com).
- Vishnu Sidharthan, P. dan Kashyap, Y., 2020, Brushless DC Hub Motor Drive Control for Electric Vehicle Applications, *2020 First International Conference on Power, Control and Computing Technologies (ICPC2T)*, [Online], Januari 2020 IEEE., hlm. 448–453, tersedia di DOI:10.1109/ICPC2T48082.2020.9071469.