

DAFTAR PUSTAKA

- [1] Polri, “Kecelakaan di Indonesia Selama Triwulan Terakhir,” [Online]. Available: <http://www.korlantas-irms.info/graph/accidentData>. [Diakses 10 September 2018].
- [2] Polri, “Jenis Kecelakaan,” [Online]. Available: <http://www.korlantas-irms.info/graph/accidentDiagramData>. [Diakses 10 September 2018].
- [3] J. M. Sullivan dan M. J. Flannagan, “Risk Of Fatal Rear-End Collisions: Is There More To It Than Attention?,” p. 239, 2003.
- [4] M. Rouse, “Internet of things agenda,” Oktober 2014. [Online]. Available: <https://internetofthingsagenda.techtarget.com/definition/vehicle-to-vehicle-communication-V2V-communication>. [Diakses 6 November 2018].
- [5] G. B. Augusto, D. Mohamed, M. A. Karim dan K. Mokhtar, “Li-Fi/ VLC Prototype for Vehicle to Vehicle Communication Using a Solar Panel as Receiver,” 2016.
- [6] I. Takai, T. Harada, M. Andoh, K. Yasutomi, K. Kagawa dan S. Kawahito, “Optical Vehicle-to-Vehicle Communication System Using LED Transmitter and Camera Receiver,” vol. 6, 2014.
- [7] F. Idachaba, D. U.Ike dan O. Hope, *Future trends in fiber optics communication*, vol. I, 2014.
- [8] O. Alsulami, A. T. Hussein, M. T. Alrasheedi dan J. M.H.Elmirghani, “Optical Wireless Communication System, A Survey,” pp. 1-21, 2018.
- [9] S. Arnon, “Visible Light Communication,” Cambridge University Press, 2015, p. 19.
- [10] P. Luo, Z. Ghassemlooy, H. L. Minh, E. Bentley, A. Burton dan X. Tang, “Performance Analysis of A Car to Car Visible Light Communication System,” p. 1697, 2015.
- [11] D. Darlis, “Visible Light Communication,” Telkom University, 2015, p. 5.
- [12] T. Adiono, S. Fuada, A. P. Putra dan Y. Aska, “Desain Awal Analog Front-End Optical Transceiver untuk Aplikasi Visible Light Communication,” vol. 5, p. 319, 2016.
- [13] A. Ramadhan, L. Lidyawati dan D. Nataliana, “Implementasi visible light communication (VLC) pada sistem komunikasi,” *Jurnal Elkomika*, vol. 1, pp. 13-25, 2013.

- [14] A. A. Bergh dan P. Dean, *Light-Emitting Diodes*, vol. 60, pp. 156-223, 1972.
- [15] G. Held, *Light Emitting Diode Technology and Application*, London: crc press, 2009.
- [16] F. B. Aska, D. Darlis dan Hafiddudin, "Implementasi Visible Light Communication(VLC) untuk pengiriman data digital," vol. 1, pp. 896-905, 2015.
- [17] AMS , "TSL250R,TSL251R,TSL252R," AMS Datasheet, 2016.
- [18] E. Setyaningsih, D. Prastiyanto dan Suryono, *Penggunaan Sensor Photodiode sebagai sistem deteksi api pada wahana terbang vertical take off landing (VTOL)*, vol. 9, pp. 53-59, 2017.
- [19] B. E. Purnama, "Perancangan Sistem Perangkat Keras dan Perangkat Lunak Pengendali Komputer Jarak Jauh Menggunakan Sinar Infra Merah," *Seminar Nasional Aplikasi Teknologi Informasi*, p. 71, 2006.
- [20] R. Yusuf, T. R. F. Lubis dan H. Kusniyati, "Implementasi Infrared (IR) untuk mengendalikan PC berbasis Microsoft Windows XP Menggunakan Receiver TSOP 4838 IR," *SINAPTIKA 2010*, pp. 277-281, 2010.
- [21] N. A. I. Suwandi dan M. Huda, "Implementasi Real Time Automatic Gain Control (AGC) Menggunakan Board DSK TMS320C6713," pp. 1-6, 2011.
- [22] V. Semiconductor, "Photo Modules for PCM Remote Control Systems," pp. 1-7, 2001.
- [23] Z. Gghassemlooy, W. Popoola dan S. Rajbhandari, *Optical Wireless Communications : system and channel modelling with MATLAB*, U.S.: CRC Press, 2013.
- [24] D. Astharini, A. Mayola, O. N. Samijaya dan A. Syahriar, "Analisa Kinerja Teknik Modulasi Digital Pada kanal optik nirkabel," *Elektronika dan Telekomunikasi*, vol. 17, pp. 7-12, 2017.
- [25] D. Sharma, A. Mishra dan R. Saxena, "Analog & Digital Modulation Techniques: And Overview," *Computing Science and Communication Technologies*, vol. 3, no. 1, pp. 551-561, 2010.
- [26] F. Xiong, *Digital Modulation Techniques*, London: Artech House Boston, 2000.
- [27] M. Beny Nugraha, "Telekomunikasi Analog dan Digital," Indonesia, 2014, pp. 1-19.

- [28] Mujahidin, "Pemograman Port Serial," 2006. [Online]. Available: www.iddhien.com. [Diakses 23 July 2019].
- [29] B. Howard, "Extreme Tech," 6 Februari 2016. [Online]. Available: <https://www.extremetech.com/extreme/176093-v2v-what-are-vehicle-to-vehicle-communications-and-how-does-it-work>. [Diakses 6 November 2018].
- [30] D.-R. Kim, S.-H. Yang, H.-S. Kim, Y.-H. Son dan S.-K. Han, "Outdoor visible light communication for inter vehicle communication using controller area network," pp. 31-34, 2012.
- [31] P. Luo, Z. Ghassemlooy, H. L. Minh, E. Bentley dan A. Burton, *Fundamental Analysis of a Car to Car Communication Visible Light Communication System*, pp. 1011-1016, 2014.
- [32] Z. Ghassemlooy, L. N. Alves, S. Zvanovec dan M. A. Khalighi, *Visible Light Communications Theory and Applications*, U.S.: CRC Press, 2017.
- [33] Arduino, "Arduino.cc," Arduino, [Online]. Available: <https://store.arduino.cc/usa/arduino-nano>. [Diakses 2 Desember 2018].
- [34] International Rectifier, "IRFZ44N Power MOSFET," International Rectifier.
- [35] Everlight, "5mm Infrared LED, T-1 3/4," Everlighy Electronics Co.,Ltd, pp. 1-7.
- [36] F. Semiconductor, "BC546/547/548/549/550," Fairchild Semiconductor Corporation, 2002.
- [37] T. Instrument, "LMx58-N Low-Power, Dual-Operational Amplifiers," Texas Instrument, 2014.
- [38] I. P. Wulandari, "Pembuatan Alat Ukur Kecepatan Respon Manusia Berbasis Mikrokontroller AT89S8252," *Jurnal Neutrino*, vol. 1, 2009.