

DAFTAR PUSTAKA

- [1] L. Marques and V. Vasconcelos, "A Flexible dashboard panel for a small electric vehicle," in *Information Systems and Technologies (CISTI), 2011 6th Iberian Conference on*, 2011, pp. 1–4.
- [2] F. Santos, "A Dashboard based on PalmOS for a Small Electric Vehicle," in *Portuguese-Spanish Congress in Electrical Engineering*, 2007.
- [3] S. Khan and S. Sonti, "Data acquisition system for a 600cc formula SAE race car," in *2009 IEEE International Conference on Vehicular Electronics and Safety (ICVES)*, 2009, pp. 46–49.
- [4] X. Jun and L. Gang-yan, "Development of a Digital Vehicle Instrument System Based on In-Vehicle Network," in *2009 Second International Conference on Intelligent Computation Technology and Automation*, 2009, pp. 383–386.
- [5] Yu Zhilong, Li Dongsheng, He Long, and Wang Haiying, "Hardware design on electric vehicle LCD display system based on CAN bus," in *Proceedings of 2011 6th International Forum on Strategic Technology*, 2011, vol. 1, pp. 283–286.
- [6] F. Santos, J. Trovao, A. Marques, P. Pedreiras, J. Ferreira, L. Almeida, and M. Santos, "A Modular Control Architecture for a Small Electric Vehicle," in *2006 IEEE Conference on Emerging Technologies and Factory Automation*, 2006, pp. 139–144.
- [7] G. Del Vescovo, M. Paschero, A. Rizzi, and F. M. F. Mascioli, "An open software system for signal routing and processing in hybrid vehicles," in *IEEE International Symposium on Industrial Electronics*, 2012, pp. 1702–1707.
- [8] M. R. Vemparala, S. Yerabati, and G. I. Mary, "Performance Analysis of Controller Area Network based Safety System in an Electric Vehicle," pp. 461–465, 2016.
- [9] A. Nugraha, "Rancang Bangun Aplikasi Dashboard Mobil Listrik Menggunakan Protokol Bluetooth Berbasis Android," Universitas Gadjah Mada, Yogyakarta, 2014.
- [10] I. Christonny, "Desain Sistem Elektronik Komunikasi Kendaraan Listrik Dengan Controller Area Network (CAN)," Universitas Gadjah Mada, 2015.
- [11] S. Plaga, N. Tohan, and A. Grzemba, "Investigation in battery-electric-car CAN identifiers for researching advanced driver assistance systems," in *2012 International Conference on Applied Electronics (AE)*, 2012, pp. 211–214.
- [12] Z. Szalay, Z. Kanya, L. Lengyel, P. Ekler, T. Ujj, T. Balogh, and H. Charaf, "ICT in road vehicles: Reliable vehicle sensor information from OBD versus CAN," in *2015 International Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS)*, 2015, no. June, pp. 469–476.
- [13] B&B Electronics, "OBDII - On-Board Diagnostic's System - Does My Car Have OBD-II? The Connector and Communications," 2011. [Online]. Available: <http://www.obdii.com/connector.html>. [Accessed: 19-Dec-2015].

- [14] B. Vinodh Kumar and J. Ramesh, "Automotive in vehicle network protocols," in *2014 International Conference on Computer Communication and Informatics*, 2014, pp. 1–5.
- [15] National Instruments, "Introduction to the Local Interconnect Network (LIN) Bus," 2011. [Online]. Available: <http://www.ni.com/white-paper/9733/en/>. [Accessed: 20-Dec-2015].
- [16] International Organization for Standardization, "List of Flexray ISO Standards," 2013. [Online]. Available: http://www.iso.org/iso/home/search.htm?qt=Flexray&published=on&active_tab=standards&sort_by=isonumber. [Accessed: 20-Dec-2015].
- [17] National Instruments, "FlexRay Automotive Communication Bus Overview," *Exchange Organizational Behavior Teaching Journal*, 2009. [Online]. Available: <http://www.ni.com/white-paper/3352/en/>. [Accessed: 20-Dec-2015].
- [18] J. H. Kim, S. Seo, N. Hai, B. M. Cheon, Y. S. Lee, and J. W. Jeon, "Gateway Framework for In-Vehicle Networks Based on CAN, FlexRay, and Ethernet," *IEEE Trans. Veh. Technol.*, vol. 64, no. 10, pp. 4472–4486, Oct. 2015.
- [19] S. (Texas I. Corrigan, "Controller Area Network Physical Layer Requirements," no. January, pp. 1–15, 2008.
- [20] Fujitsu, "Next Generation Car Network - FlexRay," 2006.
- [21] M. Ganguli, *Getting Started With Bluetooth*. Ohio: Premier Press, a division of Course Technology, 1999.
- [22] E. Firmansyah, L. Grezelda, and Iswandi, "RSSI based analysis of Bluetooth implementation for intra-car sensor monitoring," in *2014 6th International Conference on Information Technology and Electrical Engineering (ICITEE)*, 2014, pp. 1–5.
- [23] Oracle, "Lesson: Object-Oriented Programming Concepts (The Java™ Tutorials & Learning the Java Language)," 1995. [Online]. Available: <http://docs.oracle.com/javase/tutorial/java/concepts/>. [Accessed: 21-Dec-2015].
- [24] S. Feizabadi, "History of Java," 1996. [Online]. Available: http://ei.cs.vt.edu/~wwwbtb/book/chap1/java_hist.html. [Accessed: 21-Dec-2015].
- [25] Nazrudin Safaat H., *Buku ANDROID PEMROGRAMAN APLIKASI MOBILE SMARTPHONE DAN TABLET PC BERBASIS ANDROID ED.REVISI +CD*. Bandung: Informatika Bandung, 2012.
- [26] E. Burnette, *Eclipse IDE Pocket Guide*. Sebastopol: O'Reilly Media, 2009.
- [27] R. B. GmbH, "CAN Specification 2.0 Part A and B," 1991.
- [28] CAN in Automation (CiA), "CiA 303 - Recommendation Part 1: Cabling and connector pin assignment," no. April, pp. 1–28, 2012.
- [29] F. D. Pradanta, "Mobil Listrik Sebagai Kendaraan Alternatif," Universitas Gadjah Mada, 2001.
- [30] C. Watterson, "Controller Area Network (CAN) Implementation Guide," *Appl. Note AN-1123, Analog Devices, Inc*, pp. 1–16, 2012.
- [31] Nuvoton Corporation Technology, "NuMicro™ NUC120 Data Sheet ARM

- Cortex[™]-M0 NuMicro[™] Family NUC120 Data Sheet,” pp. 1–95, 2011.
- [32] Microchip Technology Inc., “MCP2562 Datasheet,” 2014.
- [33] Coocox, “CoIDE - Free IDE for ARM Cortex-M Design,” 2013. [Online]. Available: <http://www.coocox.org/software/coide.php>. [Accessed: 21-Dec-2015].
- [34] ITead Studio, “Hc-05 Bluetooth Module,” pp. 1–13, 2010.
- [35] M. M. Mano and C. R. Kime, *Logic and Computer Design Fundamentals*. Upper Saddle River, NJ: Pearson Education, Limited, 2013.
- [36] ANSI, “The complete table of ASCII characters, codes, symbols and signs,” 1963. [Online]. Available: <http://www.theasciicode.com.ar/>. [Accessed: 21-Dec-2015].
- [37] M. Metzger and G. Polaków, “A Study on Appropriate Plant Diagram Synthesis for User-Suited HMI in Operating Control,” in *Engineering Interactive Systems 2008*, vol. 5247 LNCS, Berlin, Heidelberg: Springer Berlin Heidelberg, 2008, pp. 246–254.
- [38] W. O. Galitz, *The Essential Guide to User Interface Design: An Introduction to GUI Design Principles and Techniques*. Indian, Canada: John Wiley & Sons, 2007.
- [39] L. Harnaningrum, *Rekayasa Perangkat Lunak : pendekatan praktisi (buku I)*. Yogyakarta: Andi, 2002.