DAFTAR PUSTAKA

[1] Agus Bejo, C dan AVR, Rahasia kemudahan Bahasa C dalam Microcontroller AVR, Penerbit Graha Ilmu, 2007

[2] Agus Bejo, "Sistem Berbasis Microcontroller", Lab Sistem Digital, Jurusan Teknik Elektro dan Teknologi Informasi, Universitas Gadjah Mada, Indonesia 2014

[3] Ammar Ibrahim Majeed, Husam Juma'a Neamaa, Riyadh Ali Al-Helali, Majid Eddan "Multiprocessor Configuration of 8051 Microkontroler Chip" Electrical Eng. Dept. AL-Mustansiriyah University Journal of Engineering and Development, Vol. 15, No. 3, September (2011) ISSN 1813-7822

[4] ATmega 48A/PA/88A/PA/168A/PA/328/P
Atmel 8-bit Microkontroler with 4/8/16/32K Bytes
In-System Programmable Flash
DATASHEET

[5] Atmel ATmega 640/V-1280/V-1281/V-2560/V-2561/V
8-bit Atmel Microkontroler with 16/32/64KB In-System Programmable Flash
DATASHEET

[6] Barnett, Cox, and O'Cull, Embedded C Programming and The Atmel AVR, 2nd edition, DELMAR CENGAGE Learning, 2007

[7] BusWorks® 900EN Series 10 / 100 M Industrial Ethernet I/O Modules w/Modbus Technical Reference – Modbus TCP/IP, Acromag Inc., 2005

[8] "CodeVision AVR User Manual version 3.21" HP Info Tech

[9] Cristian Spirleanu, Eugen Diaconescu, "Multi-Agent Distributed Infrastructure for Intelligent Building Control", in ECAI 2014 - International Conference – 6th Edition

[10] David Calcutt, Fred Cowan, Hassan Parchizadeh, 8051 Microkontrolers An Applications - Based Introduction, 1st edition, NEWNES, 2004

[11] Deborah Snoonian, "SMART BUILDING Can building automation systems overcome interoperability problems to assert control over our offices, hotels, and airports?"

[12] "Design and Implementation of a Universal Asynshronous Receiver Transmitter Using the RS-485 Communications Bus", Brandon M Boozer, 2010

[13] Dogan Ibrahim Microkontroler Based Applied Digital Control, 1st edition , John Wiley & Sons, 2006

[14] Dwi Hanto dan Prawito, Bambang Widiyatmoko, "Sistem Komunikasi Sensor Jamak dengan Serial RS-485", Departemen Fisika Universitas Indonesia, Kampus Depok,

Depok, Indonesia. Pusat Penelitian Fisika LIPI, Kawasan Puspiptek Serpong, Setu, Tangerang Selatan, Indonesia.

[15] Fraklyn W. Kirk, Thomas A. Weedon, Philip Kirk Instrumentation, Fifth edition, American Technical Publishers, Orland Park Illinois

[16] Francis Enejo Idachaba, Ayobami Ogunrinde, "Review of Kontroler (RTU) and Gateways for Digital Oilfield Deployments", Department of Electrical and Information Engineering, Covenant University, Nigeria.

[17] Gao Manru, Su Wei, Xue Lijun, "Engineering Design of Intelligent Building Management System (IBMS)" in 2010 International Conference on Computer and Communication Technologies in Agriculture Engineering

[18] Gary J Bronson, A First Book of C++ From Here to There, West Publishing Company, 1995

[19] "Getting Started with the CodeVisionAVR Extension for Atmel Studio 6.1", HP Info Tech

[20] Guojun Zhang, "Research and Design of Automatic Control System for Central Air Conditioning in Building Automatic Network System" in 2012 IEEE Symposium on Electrical & Electronics Engineering (EEESYM)

[21] Halsall, F, Data Communication, Computer Networks, and Open System, Addison Wesley, 1995

[22] Hideya Ochiai, Hiroki Nakagami, Yuuichi Teranishi, Hiroshi Esaki, "Facility Networking with IP over RS-485 Packet Control for Master – Slave Cascaded Networks", The University of Tokyo, Osaka University, Japan.

[23] Https://en.wikipedia.org/wiki/FPGA_prototyping, "FPGA prototyping".

[24] Ian Sommervile, Software Engineering, Fifth edition, Addison – Wesley Publishing Company

[25] Jaimeen N. Chhatrawala, Nandish Jasani and Vidita Tilva, "FPGA Based Data Acquisition with MODBUS Protocol", Nirma University Ahmedabad, India, Electrotherm Pvt Ltd, India, 2016

[26] Jan Axelson, "Networks for Monitoring and Control Using an RS-485 Interface"

[27] Kai Qian, David den Haring, Li Cao, Embedded Software Development with C, first edition, Springer Science + Business Media, LLC 2009

[28] Kalim Moghul, "Design of A Message Passing for Multiprocessing with Atmel Microcontrollers", Division of the Graduate School of Cornell University, 2006.

[29] Kashif Altaf, Javaid Iqbal, "Multiprocessor Communication using 8051 Microkontroler and RS-485 Line Driver" Department of Mechatronics, College of E&ME National University of Science and Technology Rawalpindi, Pakistan.

[30] Keneth J. Ayala, The 8051 Microkontroler Architecture, Programming, and Applications, 1st edition, WEST PUBLISHING COMPANY, 1991

[31] Kosta Papasideris, Chris Landry, Brad Sutter and Archie Wilson, "Environment Temperature Control Using Modbus and RS-485 Communication Standards" Engineering Technology and Industrial Distribution Department, Texas A&M University

[32] K.S.Rama Rao, Yew Tung Meng, Soib Taib,, and Syafmdin. M, *IEEE Member*PC Based Energy Management and Control System of a Building

[33] Kuo-Hsiung Tseng, Chin-Liang Hsieh, Yun-Fei Lien, "Solution of a Newly Built Monitoring Automation System In Parallel to the Original Automation Management System" in 2015 27th Chinese Control and Decision Conference (CCDC)

[34] Liang Zhao, Ruobing Liang, and Jili Zhang, "The Solving of Bias Resistor and Its Effect on the RS-485 Fieldbus", Dalian University of Technology, Harbin Jianzhu University, China, 2014

[35] Managing the Driver Enable signal for RS-485 and IO-Link communications with the STM32™'s USART, AN3070 Application note, STMicroelectronics group of companies 2010

[36] MAX485, Low Power, Slew-Rate-Limited RS-485 / RS-422 Transceiver Maxim Integrated DATA SHEET

[37] MAX232, MAX232I, Dual EIA-232 Drivers / Receivers
DATA SHEET

[38] Ma Yuquan, Han Shufen, Wang Qingzhu, "New Environment Parameters Monitoring and Control System for Greenhouse Based on Master – Slave Distributed" Hebei Normal University of Science & Technology, Qinhuangdao, China.

[39] "Microkontroler Interfacing Techniques", BiPOM Electronics, Inc, Texas, 2005

[40] "Modbus Basic", Camille Bauer AG CH-5610 Wohlen

[41] "Modbus Messaging on TCP / IP Implementation Guide V1.0b", MODBUS Organisation, 2006

[42] "MODBUS over Serial Line Specification and Implementation Guide V1 02", MODBUS Organisation, 2006

[43] "Modbus® RTU Serial Communications User Manual 51-52-25-66 Revision T", Honeywell, February 2013

[44] "Modicon MODBUS Protocol Reference Guide", Modicon Inc., Industrial Automation Systems, 1996

[45] Muhammad Syahwil, Panduan Mudah Simulasi & Praktek Microcontroller Arduino, edisi pertama, Penerbit ANDI, 2013

[46] Peter Palensky, Dietmar Dintrich, Ratko Posta, Heinrich Reiter, "Demand Side Management In Private Homes by Using LonWorks", Institute for Computer Technology, Vienna University of Technology

[47] Purnomo Husnul Khotimah, Dikdik Krisnandi, Bambang Sugiarto, "Design and Implementation of Kontroler On Mini Monitoring Weather Station Based on Microcontroller" Pusat Penelitian Informatika LIPI, Kompleks LIPI Bandung Indonesia

[48] Roger S. Pressman, Software Engineering Apractitioner's Approach, 3rd edition, McGraw – Hill Book Company Europe.

[49] "RS-485 / RS-422 Circuit Implementation Guide", Hein Marais, Analog Devices

[50] "RS-485 & Modbus Protocol Guide", TYCO Electronics, Energy Division

[51] R. S. Hsiao, D. B. Lin, H. P. Lin, C. H. Chung and S. C. Cheng, "Integrating Zigbee Linghting Control Into Existing Building Automation Systems"

[52] Sencer Yeralan, Ashutosh Ahluwalia, Programming and Interfacing the 8051 Microkontroler, 1st edition, ADDISON – WESLEY PUBLISHING COMPANY, 1995

[53] S.K. Tso, B.L. Luk, W.H. Choy, K.P. Liu, C.S. Chow, K.F. Leung, G. Lee, F. Yau dan C.W. Lam, "An Intelligent Networking and Automation System for Home and SOHO Environments", Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong

[54] S. Tepic, P. Pejic, J. Domšic, H. Mihaldinec, H. Džapo, "IBMS - Intelligent Building Management System Framework" in MIPRO 2015, 25-29 May 2015, Opatija, Croatia

[55] Theodor Borangiu, Marian Croitoru "Analysis of The Data Transmission in the Industrial Automation Systems" Faculty of Automation and Computer, University POLITEHNICA of Bucharest, Romania

[56] Trung – Hieu – Nguyen, "Serial Communication & MODBUS Protocol Implementation Using .NET Framework", Savonia University of Applied Science, 2014

[57] "Using MODBUS for Process Control and Automation", Moore Industries

[58] Wolfgang Kastner, George Neugschwandtner, Stefan Soucek, and H. Michael Newman, "Communication Systems for Building Automation and Control"

[59] Yu Peng, Laiping Wu, Datong Liu, "Design of Distributed Environmental Monitoring System for Energy Saving Controlling System". Harbin Institute of Technology, 2009.

[60] "Z-Basic Implementing an RS-485 Multidrop Network", Mike Perks

[61] Zhong Bocheng, "Design of Building Energy Monitoring and Management System". Shanghai University of Engineering Science, 2012.