

## DAFTAR PUSTAKA

- [1] Fareed, I. (2008). *DUAL VOLTAGE POWER SUPPLY*. [online] electronics-lab. Available at: <http://www.electronics-lab.com/project/dual-voltage-power-supply/> [Accessed 18 June. 2016].
- [2] Texas Instruments Incorporated. (2015). *LM741 Operational Amplifier*. Revised October 2015. [pdf] Dallas: Texas Instruments. Available at: <http://www.ti.com/lit/ds/symlink/lm741.pdf> [Accessed 22 June. 2016].
- [3] Texas Instruments Incorporated. (2013). *LM78XX Series Voltage Regulators*. Revised April 2013. [pdf] Dallas: Texas Instruments. Available at: <http://www.ti.com.cn/general/cn/docs/lit/getliterature.tsp?genericPartNumber=lm7815c&fileType=pdf> [Accessed 28 June. 2016].
- [4] Texas Instruments Incorporated. (2013). *LM79XX Series 3-Terminal Negative Regulators*. Revised May 2013. [pdf] Dallas: Texas Instruments. Available at: <http://www.ti.com/general/docs/lit/getliterature.tsp?genericPartNumber=lm7915&fileType=pdf> [Accessed 28 June. 2016].
- [5] Goddard, S. (2004). *Lecture 8: Dynamic Programming*. [pdf] Lincoln: UNIVERSITY OF NEBRASKA–LINCOLN. Available at: <http://cse.unl.edu/~goddard/Courses/CSCE310J/Lectures/Lecture8-DynamicProgramming.pdf> [Accessed 19 July. 2016].
- [6] Bradley, Hax, and Magnanti. (1977). *Applied Mathematical Programming*. [pdf] Cambridge: Massachusetts Institute of Technology. Available at: <http://web.mit.edu/15.053/www/AMP-Chapter-11.pdf> [Accessed 19 July. 2016].
- [7] Allegro MicroSystem, Inc. (2007). *ACS712*. [pdf] Worcester: Allegro MicroSystem, Inc. Available at: <https://www.sparkfun.com/datasheets/BreakoutBoards/0712.pdf> [Accessed 28 June. 2016].

- [8] electrical4u, (2016). *Miniature Circuit Breaker*. [online] Available at: <http://www.electrical4u.com/miniature-circuit-breaker-or-mcb/> [Accessed 19 July. 2016].
- [9] OMRON Corporation. (2014). *OMRON CPIH Data Sheet* [pdf] Tokyo: OMRON Corporation. Available at: [https://www.ia.omron.com/data\\_pdf/cat/cp1h\\_p080-e1\\_11\\_2\\_csm1004100.pdf?id=1778.pdf](https://www.ia.omron.com/data_pdf/cat/cp1h_p080-e1_11_2_csm1004100.pdf?id=1778.pdf) [Accessed 28 June. 2016].
- [10] National Semiconductor Corporation. (2014). *OMRON CPIH Data Sheet* [pdf] America: National Semiconductor Corporation. Available at: [https://www.ia.omron.com/data\\_pdf/cat/cp1h\\_p080-e1\\_11\\_2\\_csm1004100.pdf?id=1778.pdf](https://www.ia.omron.com/data_pdf/cat/cp1h_p080-e1_11_2_csm1004100.pdf?id=1778.pdf) [Accessed 28 June. 2016].
- [11] FUNNY ELECTRONICS. (2016). *79xx Series Three Terminal Voltage Regulators*. [image] Available at: [http://1.bp.blogspot.com/-LgPrTm26\\_DU/U8UOe8D1TRI/AAAAAAAAATNc/wWmr1hK\\_RwU/s1600/ORhD2Q1405423018.jpg](http://1.bp.blogspot.com/-LgPrTm26_DU/U8UOe8D1TRI/AAAAAAAAATNc/wWmr1hK_RwU/s1600/ORhD2Q1405423018.jpg) [Accessed 19 July. 2016].
- [12] FUNNY ELECTRONICS. (2016). *Simple Tips for Efficient use of 78xx Linear Voltage Regulators*. [image] Available at: <http://1.bp.blogspot.com/-iOE1OaCKKLU/U66Am110fGI/AAAAAAAAAQPg/MOI0RFGhtLE/s1600/wWstOg1403943213.jpg> [Accessed 19 July. 2016].
- [13] amazon. (2016). *ACS712 Current Sensor Module Detector 20 Amps Amperage Range*. [image] Available at: <http://1.bp.blogspot.com/-iOE1OaCKKLU/U66Am110fGI/AAAAAAAAAQPg/MOI0RFGhtLE/s1600/wWstOg1403943213.jpg> [Accessed 19 July. 2016].
- [14] YESSS ELECTRICAL. (2016). *Schneider Electric Easy9 1 Module Single Pole Type B Miniature Circuit Breaker MCB 6kA 32A, EZ9F16132*. [image] Available at: <http://1.bp.blogspot.com/-iOE1OaCKKLU/U66Am110fGI/AAAAAAAAAQPg/MOI0RFGhtLE/s1600/wWstOg1403943213.jpg> [Accessed 19 July. 2016].

- [15] AliExpress. (2016). *MY2N-J MY2NJ 24VAC 5A Omron Original Brand New Voltage general purpose low power Relay With Base*. [image] Available at: [http://g01.a.alicdn.com/kf/HTB1\\_d\\_IKpXXXXbyXpXXq6xXFXXX9/MY2N-J-MY2NJ-24VAC-5A-Omron-Original-Brand-New-Voltage-general-purpose-low-power-Relay-With.jpg](http://g01.a.alicdn.com/kf/HTB1_d_IKpXXXXbyXpXXq6xXFXXX9/MY2N-J-MY2NJ-24VAC-5A-Omron-Original-Brand-New-Voltage-general-purpose-low-power-Relay-With.jpg) [Accessed 19 July. 2016].
- [16] machinedesign. (2015). *Engineering Essentials: What is a Programmable Logic Controller*. [image] Available at: <http://machinedesign.com/site-files/machinedesign.com/files/uploads/2015/04/PLC%20System%20Overview.JPG> [Accessed 20 July. 2016].
- [17] Kitchin, C and Lew Counts. (2006). *A Designer's Guide to Instrumentation Amplifiers 3<sup>rd</sup> Edition* [pdf] U.S.A: Analog Devices. Available at: <http://www.analog.com/en/education/education-library/dh-designers-guide-to-instrumentation-amps.html> [Accessed 28 June. 2016].
- [18] Models Rumah Minimalis. (2016). *Desain Rumah Minimalis Type 36*. [online] Available at: <http://modelsrumahminimalis.co/desain-rumah-minimalis-type-36/> [Accessed 23 March. 2016].
- [19] Laboratorium Automasi Industri. (2015). *MODUL PRAKTIKUM LABORATORIUM AUTOMASI INDUSTRI PROGRAMMABLE CONTROLLER SYSMAC CPlH/CPIL OMRON*. Bandung: Telkom University.
- [20] ERHAN ESKİCUMALI. (2015). *How plc's analog input and outputs works?*. [image] Available at: <http://www.erhaneskicumali.com/wp-content/uploads/2015/04/Analog-%C4%B0nput-Terminal.png> [Accessed 9 August. 2016].
- [21] ERHAN ESKİCUMALI. (2015). *How plc's analog input and outputs works?*. [image] Available at: <http://www.erhaneskicumali.com/wp-content/uploads/2015/04/IO-Allocation.png> [Accessed 9 August. 2016].

- [22] ERHAN ESKİCUMALI. (2015). *How plc's analog input and outputs works?*. [image] Available at: <http://www.erhaneskicumali.com/wp-content/uploads/2015/04/Analog-Output-Terminal.png> [Accessed 9 August. 2016].
- [23] DX dealextrême. (2014). *Produino ACS712ELC-20A Range ACS712 Current Sensor Module for Arduino – Blue*. [image] Available at: [http://img.dxcn.com/productimages/sku\\_291549\\_1.jpg](http://img.dxcn.com/productimages/sku_291549_1.jpg) [Accessed 9 August. 2016].
- [24] ESKİCUMALI, E. (2015). *How plc's analog input and outputs works?*. [online] ERHAN ESKİCUMALI Available at: <http://www.erhaneskicumali.com/industrial-automation-documents/plcs-and-motion-controllers/how-plcs-analog-input-and-output-works/> [Accessed 9 August. 2016].
- [25] Wapenaar, M. (2008). *5 Volt Regulator*. [online] instructables. Available at: <http://www.instructables.com/id/5-Volt-Regulator/?ALLSTEPS> [Accessed 18 June. 2016].
- [26] Kho, D. (2015). *Rumus dan Rangkaian Pembagi Tegangan (Voltage Divider)*. [online] TEKNIK ELEKTRONIKA. Available at: <http://teknikelektronika.com/rumus-rangkaian-pembagi-tegangan-voltage-divider-resistor/> [Accessed 18 June. 2016].