**Specyfikacja elektrycznych elementów obwodów silnoprądowych do budowy laboratoryjnego prototypu w obciążnika Systemu Zasilania 270V d.c.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Lp.** | **Nazwa elementu** | **Symbol** | **Parametry** | **Obudowa** | **Ilość** | **Cena netto szt.** |
| **1** | Transformator |  |  |  | 1 |  |
| **2** | Transformator 3-fazowy bezpieczeństwa | Typ: ET3o-0,69 Dyn5 50Hz | S 0,69kVA, Uk 3,57% (50Hz), U1: 3x400(480)V U2: 3x23,5(28,2)V, I1 1,02 A I2 17A |  | 1 |  |
| **3** | Transformator 3-fazowy bezpieczeństwa | Typ: ET3o-0,675 Dyn5 400Hz | S 0,675kVA, Uk 2,75% (50Hz), U1: 3x200V U2: 3x25V, I1 1,98 A I2 15,6A |  | 1 |  |
| **4** | Rdzeń ferro | MS-184075-2ARNOLD |  |  | 50 |  |
| **5** | Rezystor mocy |  | Rx24-50w-100 ohm J |  | 1 |  |
| **6** | Izolator przepustowy | PIP 12 |  |  | 6 |  |
| **7** | Pamieć EEPROM | 25LC040A-I/SN |  | SOIC-8 | 6 |  |
| **8** | Transoptor | ACPL-W480 |  | SO-6 | 80 |  |
| **9** | DC-DC CONVERTER | AP64500 |  | SO-8EP | 30 |  |
| **10** | Dławik SMD | B82559A9103A024 | 10uH |  | 6 |  |
| **11** | Dławik SMD | B82789C0223N002 | 22uH |  | 130 |  |
| **12** | Tranzystor NPN | BC817-40 |  | SOT-23-3 | 10 |  |
| **13** | Kondensator THT | VY1222M43Y5UC63V0 | 2n2/X760 Y500VAC; 20%; Y5U; |  | 70 |  |
| **14** | Kondensator SMD |  | 100n/50V; X7R; | 0805 | 15 |  |
| **15** | Kondensator SMD | 1812B104K101CT | 100n/50V; X7R; | 1812 | 6 |  |
| **16** | Kondensator SMD |  | 100p/25V; C0G; | 0603 | 300 |  |
| **17** | Kondensator SMD | CC0603KPX7R9BB103 | 10n/50V; X7R; | 0603 | 150 |  |
| **18** | Kondensator SMD | CL31A106KAHNNNE | 10u/25V; X7R; | 1206 | 130 |  |
| **19** | Kondensator SMD | C3216X7R1H106K160AE | 10u/50V; X7R; | 1206 | 20 |  |
| **20** | Kondensator SMD | 22201C106KAT2A | 10u/100V; X7R; | 2220 | 20 |  |
| **21** | Kondensator SMD |  | 120p/25V; C0G; | 0603 | 10 |  |
| **22** | Kondensator SMD |  | 1n5/25V; C0G; | 0603 | 20 |  |
| **23** | Kondensator THT | DCP4I052006JD2KSSD | 20uF/600V |  | 10 |  |
| **24** | Kondensator SMD | C3225X7R1E226M250AB | 22u/25V; X7R; | 1210 | 450 |  |
| **25** | Kondensator SMD | KCM55TR71H226MH01K | 22u/50V; X7R; | 2220 | 45 |  |
| **26** | Kondensator SMD |  | 2p2/25V; X7R; | 2220 | 15 |  |
| **27** | Kondensator SMD | UMK107BBJ225KA-T | 2u2/50V; X7R; | 0603 | 10 |  |
| **28** | Kondensator SMD | CKG57NX7T2W225M500JH | 2u2/450V; X7R/X7T; | 2220 | 175 |  |
| **29** | Kondensator SMD |  | 33n/25V; C0G; | 0603 | 20 |  |
| **30** | Kondensator SMD |  | 33n; C0G; - napięcie nie mniej niż 300V | 1210 | 1400 |  |
| **31** | Kondensator SMD |  | 47p/25V; C0G; | 0603 | 30 |  |
| **32** | Kondensator SMD |  | 4n7/25V; C0G; | 0603 | 120 |  |
| **33** | Kondensator SMD | GRM21BZ71E475KE15L | 4u7/25V; X7R; | 0805 | 100 |  |
| **34** | Kondensator SMD |  | 6n8/25V; C0G; | 0603 | 20 |  |
| **35** | Kondensator THT | ALF80G272KP400 | 2700u/400V; |  | 15 |  |
| **36** | Kondensator THT | EEUFR1H331LB | 330u/50V; |  | 15 |  |
| **37** | Kondensator elektrolityczny | UUD1H470MCL1GS | 47u/50V; +/-20%; |  | 130 |  |
| **38** | Kondensator elektrolityczny | B43255A5476M000 | 47u/450V; +/-20%; |  | 6 |  |
| **39** | Kondensator tantalowy SMD | T491A105M016AT | 1u/16V; | 1206 | 70 |  |
| **40** | Kondensator tantalowy SMD | T491A475M016AT7280 | 4u7/16V; | 1206 | 20 |  |
| **41** | Złącze | 280370-1 |  |  | 140 |  |
| **42** | Złącze | DW-04-15-T-S-450 |  |  | 25 |  |
| **43** | Złącze | 87224-5 |  |  | 15 |  |
| **44** | Złącze | SSW-101-02-T-D |  |  | 200 |  |
| **45** | Złącze | 5-146256-2 |  |  | 225 |  |
| **46** | Złącze | SSQ-104-01-T-D |  |  | 8 |  |
| **47** | Złącze | TSW-104-08-F-D-RA |  |  | 15 |  |
| **48** | Przekaźnik półprzewodnikowy | CPC1907B |  |  | 6 |  |
| **49** | Przekaźnik półprzewodnikowy | CPC1984Y |  |  | 6 |  |
| **50** | Złącze | 2EDGRC-7.5-03P |  |  | 6 |  |
| **51** | Złącze | 2EDGRC-7.5-04P |  |  | 10 |  |
| **52** | Złącze | DG271R-5.0-02P |  |  | 100 |  |
| **53** | Dławik SMD | DLW5BTM501TQ2L | 500Ohm | 2020 | 50 |  |
| **54** | Układ MOSFET | DMG2302UK |  | SOT-23-3 | 50 |  |
| **55** | Dławik | DT3S-40/0,46/18 |  |  | 5 |  |
| **56** | Dławik | DTP-16/0,022/10,0 |  |  | 50 |  |
| **57** | Dławik | DTS-25/0,22/10-V |  |  | 15 |  |
| **58** | Oscylator zegarowy | ECS-TXO-2520-33-160-AN | 16MHz |  | 15 |  |
| **59** | Kondensator | EZP-Q33306MTB | 30u/330VAC; |  | 15 |  |
| **60** | Tranzystor | FDH055N15A | TO-247-3\_Vertical | TO-247-3\_Vertical | 65 |  |
| **61** | Koralik ferrytowy SMD | 74279266 | Z 1000Ohm@100MHz; DC R 0.6Ohm; I max 200mA; | 0603 | 40 |  |
| **62** | Koralik ferrytowy SMD | 742792037 | Z 330Ohm@100MHz; DC R 80mOhm; I max 2A; | 0805 | 15 |  |
| **63** | Koralik ferrytowy SMD | BLM18SG121TN1 | Z 120 Ohm (100MHz); DC R 25mOhm; I max 3A; Tolerance 25% | 0603 | 650 |  |
| **64** | Koralik ferrytowy SMD | BLM18SG331TZ1D | Z 330 Ohm (100MHz); DC R 70mOhm; I max 1.5A; Tolerance 25% | 0603 | 400 |  |
| **65** | Radiator | FK24413D2PAK |  | D2PAK,TO263 | 45 |  |
| **66** | Złącze | TST-103-01-G-D |  |  | 20 |  |
| **67** | Złącze | 90130-3310 |  |  | 30 |  |
| **68** | Złącze | 61201421721 |  |  | 8 |  |
| **69** | Złącze | 70246-1404 |  |  | 30 |  |
| **70** | Złącze | 15-80-0149 |  |  | 25 |  |
| **71** | Układ scalony | ISL3295EFHZ |  | SOT-23-6 | 50 |  |
| **72** | Dioda LED | AP2012EC | 5-12mcd, 2÷2.5V, 20mA | 0805 | 40 |  |
| **73** | Dławik SMD | LQH5BPN100MT0 | 10u/100kHz, +/-20%, 2A, 0.106Ohm +/-20% | 2020 | 5 |  |
| **74** | Układ scalony | MAX14878AWE |  | 16-SOIC | 5 |  |
| **75** | Układ scalony | MAX3280EAUK+T |  | SOT-23-5 | 25 |  |
| **76** | Regulator napięcia LDO | MCP1726-3302E/MF |  |  | 10 |  |
| **77** | Regulator napięcia LDO | MCP1804T-5002I/MB |  |  | 6 |  |
| **78** | Dławik SMD | MCZ1210AH900L2TA0G |  | 0504 | 30 |  |
| **79** | Przetwornica napięcia | MEJ1S0505SC |  |  | 15 |  |
| **80** | Kondensator | MKP1848640094Y5 | 40u/900 VDC; PP; |  | 20 |  |
| **81** | Złącze | 22272031 |  |  | 4 |  |
| **82** | Złącze | 430450428 |  |  | 4 |  |
| **83** | Złącze | 7461074 |  |  | 10 |  |