**Specyfikacja elektrycznych elementów** **obwodów silnoprądowych oraz sterowania do budowy w obciążnik****a Systemu Zasilania 270V d.c.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Lp.** | **Nazwa elementu** | **Symbol** | **Parametry** | **Obudowa** | **Ilość** | **Cena netto szt.** |
| **1** | ANALOG DIGITAL CONVERTER | MAX11136ATI+T | KSPS |  | 25 |  |
| **2** | DC-DC CONVERTER | RPMB15-3.0CT | 15V 3A 1636VI 15VO |  | 1 |  |
| **3** | DC-DC CONVERTER | RPMH15-1,5-CT | 17-60VIN 1,5A |  | 1 |  |
| **4** | DC-DC CONVERTER | TEN40-2423E | 18-36VIN +-15 |  | 1 |  |
| **5** | DC-DC CONVERTER | CRV1S0505SC | 5V 0,2A |  | 62 |  |
| **6** | DIGITAL ISOLATOR | MAX14935CAWE+ |  |  | 21 |  |
| **7** | Dioda ograniczająca | SMBJ15CA |  |  | 16 |  |
| **8** | DIODA SCHOTTKY | BAT165 |  | SOD323 | 100 |  |
| **9** | DIODA SCHOTTKY | BAT42XV2 |  | SOD523F | 3 |  |
| **10** | DIODA TRANSIL DWUKIERUNKOWA | SMBJ15CA-LF | 600W 17,6V 24,6A | DO214AA | 8 |  |
| **11** | DIODA ULTRAFAST | STTH112U |  |  | 17 |  |
| **12** | Dławik mocy | DEMS-65x3 3,6uH 400A |  |  | 4 |  |
| **13** | Dławik mocy | DEMS-65x3 6,2uH 280A |  |  | 4 |  |
| **14** | Dławik mocy - karkas z rdzeniem | bez uzwojenia |  |  | 4 |  |
| **15** | Dławik mocy - rdzeń 6871 |  |  |  | 4 |  |
| **16** | Dławik mocy - rdzeń 6874 |  |  |  | 4 |  |
| **17** | Dławik SMD | SRP4020FA-R68M | 0,68uH 20% 12A |  | 25 |  |
| **18** | Dławik SMD | SRF0905-100Y | 10uH 1,6A | 0905 | 5 |  |
| **19** | Dławik SMD | SRR4528A-100M | 10uH 20% 1,76A |  | 19 |  |
| **20** | Dławik SMD | SRP6030VA-100M | 10uH 5A |  | 54 |  |
| **21** | Dławik SMD | WURTH WE-SL5 HC 744273102 | 11uH 2500mA 100kHz |  | 60 |  |
| **22** | Dławik SMD | SRR1260-150M | 15uH 20% |  | 6 |  |
| **23** | Dławik SMD | SRP4020FA-1R0M | 1uH 20% 11A |  | 70 |  |
| **24** | Dławik SMD | SRP6030CA-4R5M | 4,5uH 20% 7A |  | 50 |  |
| **25** | Dławik SMD | PBY201209T-601Y | 600R 2A | 805 | 50 |  |
| **26** | Dławik SMD | MCZ1210AH900L2TAOG | 99 OHM 5V 100mA |  | 100 |  |
| **27** | Dławik SMD | 330R 1,5A 0603 |  |  | 4 |  |
| **28** | Dławik SMD | 680nH 12A 20% |  |  | 1 |  |
| **29** | Dławik SMD | WE-SL5 HC 744273501 |  |  | 2 |  |
| **30** | Dławik trójfazowy | 3RTF-136,5/0,074 | 3x480V, 136,5A, 0.074mH, 50Hz |  | 1 |  |
| **31** | Dławik trójfazowy | 3RTF-136,5/0,148 | 3x480V, 136,5A, 0.148mH, 50Hz |  | 1 |  |
| **32** | Dławik trójfazowy | 3RTF-273/0,023 | 3x480V, 273A, 0.023mH, 400Hz |  | 1 |  |
| **33** | Dławik trójfazowy | 3RTF-273/0,023 | 3x480V, 273A, 0.023mH, 400Hz |  | 1 |  |
| **34** | Dławik trójfazowy | 3RTF-273/0,045 | 3x480V, 273A, 0.045mH, 400Hz |  | 1 |  |
| **35** | Driver IGBT | 1EDC60H12AHXUMA1 |  |  | 11 |  |
| **36** | Driver IGBT | FOD8332 |  |  | 5 |  |
| **37** | Driver IGBT | ADUM4135BRWZ |  |  | 6 |  |
| **38** | Energoelektroniczny łącznik mocy | GHXS100B120S-D3 |  |  | 20 |  |
| **39** | Energoelektroniczny łącznik mocy | MSCDC200KK120D1PAG |  |  | 6 |  |
| **40** | IMPULSOWY REGULATOR NAPIĘCIA | TPS54308DDCR |  |  | 6 |  |
| **41** | IMPULSOWY REGULATOR NAPIĘCIA | TPS54308DDR |  |  | 4 |  |
| **42** | IZOLOWANY CAN | MAX14878AWE |  |  | 3 |  |
| **43** | Karkas Rynite | FR530L |  |  | 10 |  |
| **44** | Komparator analogowy | TLC372CPW | Różnicowe, 2 komparatory, 200 ns, 3V do 16V, | TSSOP, 8 piny/-ów | 48 |  |
| **45** | KONDENSATOR CERAMICZNY SMD | CL21A475KBQNNNE | 4,7uF 50V +-10% | 805 | 2000 |  |
| **46** | KONDENSATOR CERAMICZNY SMD | CL31B475KBHNNNE | 4,7uF 50V +-10% | 1206 | 3400 |  |
| **47** | Kondensator elektrolityczny | K054501020PM0F060 | 1000uF 450V |  |  |  |
| **48** | Kondensator elektrolityczny | ALF80C912DD063 | 9100uF 63V | FI35x40 | 50 |  |
| **49** | Kondensator elektrolityczny SMD | WURTH 865080645012 | 47uF 20% 50V |  | 1000 |  |
| **50** | Kondensator elektrolityczny SMD | UWD1H470MCL1GS | 47uF 50V 20% |  | 31 |  |
| **51** | Kondensator PP | MKP4013225I00KSSD | 220nF 10% |  | 2 |  |
| **52** | Kondensator PP | EZP-Q33306MTB | 30uF 330VAC |  | 12 |  |
| **53** | Kondensator PP | C4ATFBW5300A3MJ | 30uF 400V 5% |  | 12 |  |
| **54** | Kondensator PP | MKP1848C64090JY5 | 40uF 900V | 4pin | 8 |  |
| **55** | Kondensator PP | MKP1848650094Y5 | 50uF 900VDC 5% | 4pin | 24 |  |
| **56** | Kondensator PP | C4ATFBW5400A3NJ | 40uF 400V 5% | Ls=52.5mm | 6 |  |
| **57** | Kondensator SMD | C1210C333JBGACTU | 0,33uF 630V | 1210 | 1000 |  |
| **58** | Kondensator SMD |  | 100nF 100V X7R 10% | 0805 | 8 |  |
| **59** | Kondensator SMD |  | 100nF 50V X7R | 0603 | 68 |  |
| **60** | Kondensator SMD |  | 100nF 50V X7R 10% | 0603 | 2 |  |
| **61** | Kondensator SMD |  | 100pF 50V C0G | 0603 | 85 |  |
| **62** | Kondensator SMD |  | 100pF 50V COG/NPO 5% | 0603 | 2 |  |
| **63** | Kondensator SMD | 22201C106KAZ2A | 10uF 100V X7R | 2220 | 6 |  |
| **64** | Kondensator SMD |  | 10uF 25V X7R 10% | 1206 | 2 |  |
| **65** | Kondensator SMD | C1206C106M3RACTU | 10uF 25VDC X7R 20% | 1206 | 24 |  |
| **66** | Kondensator SMD | CL31A106KBHNNNE | 10uF 50V X5R +- 10% | 1206 | 20 |  |
| **67** | Kondensator SMD |  | 10uF 50V X7R | 1210 | 95 |  |
| **68** | Kondensator SMD |  | 10uF 50V X7R | 1206 | 11 |  |
| **69** | Kondensator SMD |  | 15pF 50V X7R 10% | 0603 | 6 |  |
| **70** | Kondensator SMD |  | 1nF 50V C0G | 0603 | 100 |  |
| **71** | Kondensator SMD |  | 1nF 50V COG 5% | 0603 | 8 |  |
| **72** | Kondensator SMD |  | 1uF 25V X7R 10% | 0603 | 8 |  |
| **73** | Kondensator SMD |  | 1uF 450V X7T | 1812 | 6 |  |
| **74** | Kondensator SMD |  | 1uF 50V X7R | 0603 | 118 |  |
| **75** | Kondensator SMD | GRM188Z71E225ME43D | 2,2uF 25V X7R 20% | 0603 | 500 |  |
| **76** | Kondensator SMD |  | 2,2uF 450V X7R | 2220 | 2 |  |
| **77** | Kondensator SMD |  | 2,7nF 50V X7R 10% | 0603 | 4 |  |
| **78** | Kondensator SMD |  | 220pF 50V COG 5% | 0603 | 8 |  |
| **79** | Kondensator SMD |  | 22pF 50V |  | 6 |  |
| **80** | Kondensator SMD | GRM32ER71E226ME15L | 22uF 25V 20% X7R | 1210 | 40 |  |
| **81** | Kondensator SMD | KCM55TR71H226MH01L | 22uF 50V X7R | 2220 | 6 |  |
| **82** | Kondensator SMD |  | 39nF 50V X7R | 0603 | 16 |  |
| **83** | Kondensator SMD |  | 39pF 50V X7R 10% | 0603 | 8 |  |
| **84** | Kondensator SMD |  | 4,7nF 50V X7R | 0603 | 100 |  |
| **85** | Kondensator SMD | CL31B475KAHNNNE | 4,7uF 25V X7R +- 10% | 1206 | 90 |  |
| **86** | Kondensator SMD |  | 4,7uF 50V X7R | 1206 | 29 |  |
| **87** | Kondensator SMD |  | 47nF 50V X7R | 0603 | 100 |  |
| **88** | Kondensator SMD |  | 680pF 50V COG 5% | 0603 | 6 |  |
| **89** | Kondensator SMD tantalowy | TCJB156M035R0200 | 15uF 35V | 1210 | 13 |  |
| **90** | Kondensatory przeciwzakłóceniowe | VY1222M47Y5UG63V0 | 2,2nF Y760 X500VAC |  | 40 |  |
| **91** | Koralik ferrytowy SMD | BLM18SG331TN1D | 100MHz 330 ohm 1,5A | 603 | 1000 |  |
| **92** | Koralik ferrytowy SMD | BLM41PG600SN1L | 100MHz 60 OHM 6A | 1806 | 100 |  |
| **93** | Koralik ferrytowy SMD | BMB1J0120SN1 248-3731 | 120 ohm, 3 A, BMB-S, 0.04 ohm, ± 25% | 0603 | 428 |  |
| **94** | Mikroprocesor | STM32F765ZGT6 |  |  | 27 |  |
| **95** | Mikroprocesor | PIC10LF320T-I/OT |  |  | 30 |  |
| **96** | Oscylator zegarowy | ECS-2520MVQ-160-CN-TR | 16MHz |  | 11 |  |
| **97** | Oscylator zegarowy | ECS-TXO-2520-33-160-AN-TR |  |  | 2 |  |
| **98** | Podzespoły elektroniczne | ISL3295EIHZ-T |  |  | 40 |  |
| **99** | Podzespoły elektroniczne | 74HCT541DB.112 |  |  | 30 |  |
| **100** | Podzespoły elektroniczne | BAT165E6327HTSA1 |  |  | 200 |  |
| **101** | Podzespoły elektroniczne | ap645020 |  |  | 23 |  |
| **102** | Podzespoły elektroniczne | ACPL-W480-000E |  |  | 20 |  |
| **103** | Podzespoły elektroniczne | 1ED3121MU12HXUMA1 |  |  | 60 |  |
| **104** | Podzespoły elektroniczne | DLW5BTM101TQ2L |  |  | 20 |  |
| **105** | Podzespoły elektroniczne | DLW5BTM501TQ2L |  |  | 4 |  |
| **106** | Podzespoły elektroniczne | FZT851TA |  |  | 100 |  |
| **107** | Podzespoły elektroniczne | FZT951TA |  |  | 100 |  |
| **108** | Podzespoły elektroniczne | TSM2302CX |  |  | 100 |  |
| **109** | Podzespoły elektroniczne | UCC5390ECDWV |  |  | 10 |  |
| **110** | Podzespoły elektroniczne | ACPL-W483 |  |  | 1 |  |
| **111** | Przekaźnik | RE034005 | DC Coil |  | 25 |  |
| **112** | PRZEKAŹNIK | RM85-2011-35-1005 | DC6V 250V 16A |  | 2 |  |
| **113** | Przekaźniki ogólnego zastosowania | T9GV1L14-24 |  |  | 27 |  |
| **114** | Przekładnik pomiarowy LEM | LA200-P |  |  | 2 |  |
| **115** | Przekładnik pomiarowy LEM | LA125-P |  |  | 4 |  |
| **116** | Przekładnik pomiarowy LEM | LF1010-S |  |  | 4 |  |
| **117** | Przekładnik pomiarowy LEM | LF205-S (problem z grzaniem) |  |  | 10 |  |
| **118** | Przekładnik pomiarowy LEM | LF505-S |  |  | 9 |  |
| **119** | Przetwornica DC/DC | PEM1-S5-S5-S | 5/12V |  | 25 |  |
| **120** | Przetwornica DC/DC | PEM1-S5-S12-S | 5/5V |  | 25 |  |
| **121** | Przetwornica DC/DC | UCC12050DVER |  |  | 27 |  |
| **122** | Przetwornica DC/DC | MEJ2S0505SC |  |  | 50 |  |
| **123** | Przetwornica DC/DC | MGJ2D051505SC |  |  | 63 |  |
| **124** | Przetwornica DC/DC | MEJ1S0505SC |  |  | 1 |  |
| **125** | Przetwornica DC/DC | MGJ2D051509SC |  |  | 3 |  |
| **126** | PRZETWORNICA DC/DC | I6A24014A033V-001-R |  |  | 1 |  |
| **127** | Przetwornica DC/DC | TDK-LAMBDA I6A24014A033V-001-R | 250W Uwej: 9÷40V; Uwyj: 3,3÷24VDC; Iwyj: 14A |  | 9 |  |
| **128** | Radiator 300x84 L=600mm | KL-465/600/M |  |  | 4 |  |
| **129** | Radiator 600x84 L=300mm | KL-275/300/M |  |  | 3 |  |
| **130** | Radiator D2PAK prasowany | FK24413D2PAK | D2PAK TO263 22,8K/W |  | 32 |  |
| **131** | RADIATOR TO263 | 573300D00010G |  |  | 12 |  |
| **132** | Rdzeń ferrytowy | E80/38/20-3C94 |  |  | 19 |  |
| **133** | Rdzeń Ni-Zn | RP-20X10X10 | AL.=830 AN10H |  | 30 |  |
| **134** | Rdzeń toroidalny ferrytowy | RTF-31X19X13-F938 | AL.=12700 |  | 10 |  |
| **135** | Rdzeń toroidalny ferrytowy | RTF-16X9,5X6,5-F938 | AL.=6430 |  | 30 |  |
| **136** | Rdzeń toroidalny ferrytowy | RTF-60X38X12-H10K | AL.=9750 |  | 6 |  |
| **137** | Rdzeń toroidalny ferrytowy | RTF-102X65X20 | H44 AL.=4150 |  | 8 |  |
| **138** | Rdzeń toroidalny nanoperm | RTNC-12X8,5X6(M-073) | AL.=41500 |  | 10 |  |
| **139** | Rdzeń toroidalny NANOPERM | RTNC-26X16X12(M-070) | AL.=85000 |  | 6 |  |
| **140** | Rdzeń toroidalny proszkowy | T106-26 | AL=93 |  | 30 |  |
| **141** | Regulator napięcia LDO | MCP1804T-5002I/MB | 5V 0,15A |  | 1 |  |
| **142** | Regulator napięcia LDO | MCP1726T-3302E/MF |  |  | 32 |  |
| **143** | Regulator napięcia LDO | LT1185IQ#PBF |  |  | 16 |  |
| **144** | Regulator napięcia LDO | MIC29300-5.0WU |  |  | 77 |  |
| **145** | Regulator napięcia LDO | MIC29302 |  |  | 22 |  |
| **146** | Regulator napięcia LDO | MIC29303WU-TR |  |  | 16 |  |
| **147** | REZYSTOR RADIATOR | HSA50 | 10R 50W |  | 13 |  |
| **148** | REZYSTOR RADIATOR | HSA50 | 22R 50W |  | 14 |  |
| **149** | Rezystor SMD |  | 0,5R 1% | 603 | 60 |  |
| **150** | Rezystor SMD |  | 0R 0,125W | 0603 | 8 |  |
| **151** | Rezystor SMD |  | 0R 1% | 603 | 50 |  |
| **152** | Rezystor SMD |  | 1,2k 1% | 603 | 50 |  |
| **153** | Rezystor SMD |  | 1,54k 1% | 603 | 70 |  |
| **154** | Rezystor SMD |  | 100k 1% | 603 | 40 |  |
| **155** | Rezystor SMD |  | 100k 1% | 0603 | 106 |  |
| **156** | Rezystor SMD |  | 100R 0,125W 0,1% | 0603 | 1 |  |
| **157** | Rezystor SMD |  | 100R 1% | 603 | 350 |  |
| **158** | Rezystor SMD |  | 100R 1% | 0603 | 100 |  |
| **159** | Rezystor SMD | ERJ-PB3B1002V | 10K 0,1% | 0603 | 350 |  |
| **160** | Rezystor SMD |  | 10k 0,125W 1% | 0603 | 8 |  |
| **161** | Rezystor SMD |  | 10k 1% | 603 | 150 |  |
| **162** | Rezystor SMD |  | 10R 1% | 1206 | 95 |  |
| **163** | Rezystor SMD | ERA-3AEB1272V | 12,7K 0,1% | 0603 | 24 |  |
| **164** | Rezystor SMD |  | 12k 1% | 603 | 30 |  |
| **165** | Rezystor SMD |  | 12k 1% | 0603 | 100 |  |
| **166** | Rezystor SMD | ERJ-S1TF12ROU | 12R 0,1% | 2512 | 20 |  |
| **167** | Rezystor SMD |  | 12R 1% | 603 | 90 |  |
| **168** | Rezystor SMD |  | 13,3k 1% | 603 | 80 |  |
| **169** | Rezystor SMD |  | 13,7k 0,1% | 0603 | 100 |  |
| **170** | Rezystor SMD |  | 13,7k 1% | 603 | 30 |  |
| **171** | Rezystor SMD |  | 130R 1% | 603 | 15 |  |
| **172** | Rezystor SMD | RT0603DRE07132KL | 132k 0,5% | 603 | 100 |  |
| **173** | Rezystor SMD |  | 132k 0,5% | 0603 | 98 |  |
| **174** | Rezystor SMD |  | 140k 1% | 603 | 60 |  |
| **175** | Rezystor SMD |  | 15,8k | 0603 | 98 |  |
| **176** | Rezystor SMD | ERJ-3EKF1582V | 15,8K | 603 | 100 |  |
| **177** | Rezystor SMD | MMB02070D1503DB200 | 150K 0,5% 1W | MELF 0207 | 220 |  |
| **178** | Rezystor SMD |  | 150k 1% | 1210 | 90 |  |
| **179** | Rezystor SMD |  | 15k 1% | 603 | 60 |  |
| **180** | Rezystor SMD | PHP02512E15R0BST5 | 15R 0,1% 2,5W | 2512 | 40 |  |
| **181** | Rezystor SMD |  | 180R 1% | 603 | 80 |  |
| **182** | Rezystor SMD | RR0816P-1962-D-29C | 19,6k 0,5% | 603 | 100 |  |
| **183** | Rezystor SMD |  | 19,6k 0,5% | 0603 | 98 |  |
| **184** | Rezystor SMD |  | 1k 1% | 603 | 200 |  |
| **185** | Rezystor SMD |  | 1k 1% | 0603 | 80 |  |
| **186** | Rezystor SMD | RT0603BRD072K15L | 2,15K 0,1% | 0603 | 100 |  |
| **187** | Rezystor SMD | RT0603BRD072K1L | 2,1K 0,1% | 0603 | 208 |  |
| **188** | Rezystor SMD | RN731JTTD2201B25 | 2,2K 0,1% | 0603 | 108 |  |
| **189** | Rezystor SMD |  | 2,2k 0,125W 5% | 0603 | 4 |  |
| **190** | Rezystor SMD |  | 2,2R 1% | 603 | 40 |  |
| **191** | Rezystor SMD | RT0603BRD072K37L | 2,37K 0,1% | 0603 | 108 |  |
| **192** | Rezystor SMD | ERA-3AEB2431V | 2,43k 0,1% | 603 | 50 |  |
| **193** | Rezystor SMD | RN731JTTD2431B25 | 2,43k 0,1% | 0603 | 150 |  |
| **194** | Rezystor SMD |  | 2,43k 0,1% | 0603 | 46 |  |
| **195** | Rezystor SMD | RP73D1J2K55BTDG | 2,55K 0,1% | 0603 | 20 |  |
| **196** | Rezystor SMD | RQ73C1J2K74BTDF | 2,74K 0,1% | 603 | 10 |  |
| **197** | Rezystor SMD |  | 200k 1% | 0603 | 40 |  |
| **198** | Rezystor SMD |  | 20k 1% | 603 | 40 |  |
| **199** | Rezystor SMD |  | 20R 1% | 603 | 50 |  |
| **200** | Rezystor SMD | ERJ-PB3B2100V | 210R 0,1% | 0603 | 20 |  |
| **201** | Rezystor SMD |  | 215R 0,5% | 0603 | 100 |  |
| **202** | Rezystor SMD |  | 22,1k 0,1% | 0603 | 16 |  |
| **203** | Rezystor SMD | ERA-3AEB221V | 220R 0,1% | 0603 | 104 |  |
| **204** | Rezystor SMD | RT0603BRD0722KL | 22K 0,1% | 0603 | 108 |  |
| **205** | Rezystor SMD | RT0603DRE0722KL | 22K 0,5% | 603 | 100 |  |
| **206** | Rezystor SMD |  | 22k 0,5% | 0603 | 100 |  |
| **207** | Rezystor SMD |  | 22k 1% | 603 | 80 |  |
| **208** | Rezystor SMD | CPF-A-0603B22RE1 | 22R 0,1% | 0603 | 392 |  |
| **209** | Rezystor SMD |  | 22R 0,125W 1% | 0603 | 3 |  |
| **210** | Rezystor SMD |  | 22R 1% | 0603 | 100 |  |
| **211** | Rezystor SMD |  | 24,9k 1% | 603 | 80 |  |
| **212** | Rezystor SMD | CRM2512-FX-24R9ELF | 24,9R 2W | 2512 | 20 |  |
| **213** | Rezystor SMD |  | 249R 1% | 0603 | 19 |  |
| **214** | Rezystor SMD | RT0603DRE0726K4L | 26,4K 0,5% | 0603 | 204 |  |
| **215** | Rezystor SMD |  | 261R 1% | 603 | 10 |  |
| **216** | Rezystor SMD |  | 27,4k 1% | 603 | 30 |  |
| **217** | Rezystor SMD | ERA-3AEB2740V | 274R 0,1% | 0603 | 10 |  |
| **218** | Rezystor SMD | ERA-3AEB2870V | 287R 0,1% | 0603 | 20 |  |
| **219** | Rezystor SMD | ERJ-PB3B2940V | 294R 0,1% | 0603 | 10 |  |
| **220** | Rezystor SMD |  | 2k 1% | 603 | 70 |  |
| **221** | Rezystor SMD | RN73R1JTTD2001B25 | 2K 0,1% | 0603 | 306 |  |
| **222** | Rezystor SMD |  | 2k 0,125W 0,1% | 0603 | 1 |  |
| **223** | Rezystor SMD |  | 3,16k 1% | 603 | 40 |  |
| **224** | Rezystor SMD | ERA3AEB3241V | 3,24K 0,1% | 603 | 32 |  |
| **225** | Rezystor SMD | ERA-3APB3241V | 3,24K 0,1% | 0603 | 68 |  |
| **226** | Rezystor SMD | ERA-3AEB3241V | 3,24K 0,1% | 603 | 100 |  |
| **227** | Rezystor SMD | RN731JTTD3321B25 | 3,32K 0,1% | 0603 | 168 |  |
| **228** | Rezystor SMD |  | 3,32k 0,5% | 0603 | 100 |  |
| **229** | Rezystor SMD | RN731JTTD3361B50 | 3,36K 0,1% | 0603 | 20 |  |
| **230** | Rezystor SMD |  | 3,3k 1% | 603 | 20 |  |
| **231** | Rezystor SMD |  | 3,74k 0,5% | 0603 | 6 |  |
| **232** | Rezystor SMD |  | 3,9k 1% | 603 | 40 |  |
| **233** | Rezystor SMD |  | 300R 0,5% | 0603 | 100 |  |
| **234** | Rezystor SMD |  | 300R 1% | 603 | 80 |  |
| **235** | Rezystor SMD |  | 30R 1% | 603 | 60 |  |
| **236** | Rezystor SMD |  | 30R 1% | 1206 | 50 |  |
| **237** | Rezystor SMD | RT0603BRD0732K8L | 32,8K 1% | 0603 | 20 |  |
| **238** | Rezystor SMD |  | 330k 1% | 603 | 60 |  |
| **239** | Rezystor SMD |  | 330R 0,125W 1% | 0603 | 120 |  |
| **240** | Rezystor SMD |  | 330R 1% | 0603 | 92 |  |
| **241** | Rezystor SMD |  | 34,8k 1% | 603 | 40 |  |
| **242** | Rezystor SMD |  | 360R 1% | 603 | 80 |  |
| **243** | Rezystor SMD | CR0603-FX-3742ELF | 37,2K 1% | 603 | 100 |  |
| **244** | Rezystor SMD |  | 37,4k 1% | 0603 | 96 |  |
| **245** | Rezystor SMD |  | 392k 0,125W 1% | 0603 | 6 |  |
| **246** | Rezystor SMD |  | 3k 1% | 603 | 70 |  |
| **247** | Rezystor SMD |  | 4,02k 1% | 603 | 15 |  |
| **248** | Rezystor SMD |  | 4,3k 1% | 603 | 15 |  |
| **249** | Rezystor SMD |  | 4,3k 1% | 0603 | 100 |  |
| **250** | Rezystor SMD |  | 4,42k 1% | 603 | 80 |  |
| **251** | Rezystor SMD |  | 4,64k 1% | 603 | 15 |  |
| **252** | Rezystor SMD |  | 4,7k 1% | 603 | 70 |  |
| **253** | Rezystor SMD |  | 4,7k 1% | 0603 | 61 |  |
| **254** | Rezystor SMD |  | 4,99k 0,5% | 0603 | 100 |  |
| **255** | Rezystor SMD |  | 4,99k 1% | 603 | 80 |  |
| **256** | Rezystor SMD |  | 4,99R 1% | 1206 | 97 |  |
| **257** | Rezystor SMD |  | 40,2k 1% | 603 | 30 |  |
| **258** | Rezystor SMD | PHP02512E40R2BST5 | 40,2R 0,1% 2,5W | 2512 | 24 |  |
| **259** | Rezystor SMD | RS73F1JTTD4123B | 417K 0,1% | 0603 | 28 |  |
| **260** | Rezystor SMD | RT0603BRD0743KL | 43K 0,1% | 0603 | 20 |  |
| **261** | Rezystor SMD | RT0603BRD0744K2L | 44,2K 0,1% | 0603 | 20 |  |
| **262** | Rezystor SMD | ERA3AEB4422V | 44,2K 0,1% | 0603 | 3 |  |
| **263** | Rezystor SMD | ERA-3AEB4422V | 44,2K 0,1% | 603 | 3 |  |
| **264** | Rezystor SMD | ERJ-PB3B4700V | 470R 0,1% | 0603 | 250 |  |
| **265** | Rezystor SMD |  | 470R 0,125W 1% | 0603 | 130 |  |
| **266** | Rezystor SMD |  | 475R | 0603 | 98 |  |
| **267** | Rezystor SMD | RT0603BRE07475RL | 475R 0,1% | 603 | 98 |  |
| **268** | Rezystor SMD |  | 47k 0,5% | 0603 | 99 |  |
| **269** | Rezystor SMD |  | 47k 1% | 603 | 160 |  |
| **270** | Rezystor SMD |  | 47R 0,5% | 0603 | 100 |  |
| **271** | Rezystor SMD |  | 47R 1% | 603 | 35 |  |
| **272** | Rezystor SMD |  | 48,7R 1% | 603 | 10 |  |
| **273** | Rezystor SMD |  | 49,3R 1% | 0603 | 14 |  |
| **274** | Rezystor SMD | 1206S4F510KT5E | 5,1R 0,25W 1% | 1206 | 90 |  |
| **275** | Rezystor SMD |  | 5,1R 1% | 603 | 50 |  |
| **276** | Rezystor SMD | RN73H1JTTD5421B50 | 5,42k 0,1% | 0603 | 20 |  |
| **277** | Rezystor SMD |  | 5,6k 1% | 603 | 40 |  |
| **278** | Rezystor SMD | ERA-3AEB5901V | 5,9k 0,1% | 0603 | 20 |  |
| **279** | Rezystor SMD |  | 510k 1% | 603 | 60 |  |
| **280** | Rezystor SMD |  | 510R 1% | 603 | 20 |  |
| **281** | Rezystor SMD | RN731JTTD5232B25 | 52,3k 0,1% | 0603 | 104 |  |
| **282** | Rezystor SMD | TNPW060354K2BEEN | 54,2k 0,1% | 0603 | 20 |  |
| **283** | Rezystor SMD | RT0603BRD0759K7L | 59,7k 0,1% | 0603 | 13 |  |
| **284** | Rezystor SMD |  | 6,34k 0,5% | 0603 | 31 |  |
| **285** | Rezystor SMD | RR0816P-6491-D-79H | 6,49k 0,5% | 0603 | 100 |  |
| **286** | Rezystor SMD |  | 6,49k 1% | 603 | 15 |  |
| **287** | Rezystor SMD |  | 6,81k 1% | 603 | 40 |  |
| **288** | Rezystor SMD |  | 6,98k 1% | 603 | 80 |  |
| **289** | Rezystor SMD |  | 680R 1% | 0603 | 39 |  |
| **290** | Rezystor SMD | ERA-3AEB7151V | 7,15K 0,1% | 0603 | 190 |  |
| **291** | Rezystor SMD |  | 7,15k 0,1% | 603 | 3 |  |
| **292** | Rezystor SMD |  | 7,15k 0,125W 0,1% | 0603 | 3 |  |
| **293** | Rezystor SMD |  | 7,5k 1% | 603 | 90 |  |
| **294** | Rezystor SMD |  | 7,68k 1% | 603 | 25 |  |
| **295** | Rezystor SMD |  | 7,68k 1% | 0603 | 100 |  |
| **296** | Rezystor SMD |  | 8,87k 1% | 603 | 25 |  |
| **297** | Rezystor SMD |  | 88,7k 1% | 603 | 30 |  |
| **298** | Rezystor SMD |  | 9,09k 0,5% | 0603 | 100 |  |
| **299** | Rezystor SMD |  | 9,09k 1% | 603 | 80 |  |
| **300** | Rezystor SMD |  | 9,1k 1% | 603 | 50 |  |
| **301** | Rezystor SMD |  | 9,2k 1% | 0603 | 14 |  |
| **302** | STABILIZATOR LDO | LT3015EDD-5#PBF | 1,5A |  | 25 |  |
| **303** | Stycznik mocy | GV241MAB |  |  | 4 |  |
| **304** | Stycznik mocy | MX110CEB |  |  | 4 |  |
| **305** | Stycznik mocy 185A 3P 24VDC | LC1F185BD |  |  | 2 |  |
| **306** | Stycznik mocy115A 3P 24VDC | LC1D115BD |  |  | 2 |  |
| **307** | Styk pomocniczy 1Z 1R | LADN11 |  |  | 2 |  |
| **308** | Taśma izolacyjna z włókna szklanego |  | 3kV, 177um, 19mm x 55m |  |  |  |
| **309** | Taśma poliamidowa |  | 100mm x 33m |  |  |  |
| **310** | Taśma poliamidowa |  | 12mm x 33m |  |  |  |
| **311** | Taśma poliamidowa |  | 20mm x 33m |  |  |  |
| **312** | Taśma poliamidowa |  | 25mm x 33m |  |  |  |
| **313** | Taśma poliamidowa |  | 40mm x 33m |  |  |  |
| **314** | Taśma poliamidowa |  | 5mm x 33m |  |  |  |
| **315** | Taśma poliamidowa |  | 80mm x 33m |  |  |  |
| **316** | TERMISTOR PTC | B59219J0130A020 | 560V AC |  | 3 |  |
| **317** | Termistor PTC | PTCEL17R600MBE |  |  | 50 |  |
| **318** | TRANSOPTOR | VOL617A-7X001T |  |  | 20 |  |
| **319** | Tranzystor MOSFET | G3R75MT12J |  |  | 25 |  |
| **320** | Tranzystor MOSFET | IPB044N15N5ATMA1 |  |  | 22 |  |
| **321** | Tranzystor MOSFET | FDH055N15A |  |  | 50 |  |
| **322** | TRANZYSTOR MOSFET SMD | CMPDM7002AHC | 60V N-CH |  | 5 |  |
| **323** | Warystor | B72220S0321K101 | 320V AC |  | 6 |  |
| **324** | Warystor | B72220S0511K101 | 510V AC |  | 4 |  |
| **325** | Warystor | SIOV-S20K175 |  |  | 40 |  |
| **326** | Warystor | TMOV20RP300E |  |  | 32 |  |
| **327** | Wzmacniacz operacyjny | AMC1301DWVR |  |  | 48 |  |
| **328** | Wzmacniacz operacyjny | mcp621st-e/ot |  |  | 38 |  |
| **329** | Wzmacniacz operacyjny | AMC1301SDWV |  |  | 29 |  |
| **330** | Wzmacniacz operacyjny | OPA2322AIDGKR |  |  | 38 |  |
| **331** | Wzmacniacz operacyjny | AMC1301-Q1 |  |  | 13 |  |
| **332** | Złącze WURTH | 74651195 |  |  | 10 |  |
| **333** | Źródło napięcia odniesienia | REF2033AIDDCR |  |  | 22 |  |
| **334** | Wentylator ORION | OD8038-24HBVXC10A |  |  | 34 |  |
| **335** | KONDENSATOR KENDEIL | 1000uF 450V |  |  | 100 |  |
| **336** | KONDENSATOR | R463R410000M1M | 1uF 310V |  | 60 |  |
| **337** | DIODA LED SMD | KP-2012ID | CZERWONA 2V | 805 | 100 |  |
| **338** | DIODA LED SMD | KP-2012SGC | ZIELONA 2,2V | 805 | 60 |  |
| **339** | REZYSTOR SMD | PCF0603R-63K4BTI | 63,4K 0,1% | 603 | 50 |  |
| **340** | KONDENSATOR ELEKTROLITYCZNY | B41231A6159M000 | 15000uF 50V |  | 32 |  |
| **341** | Koralik ferrytowy SMD | BMB1J0120SN1 | 0,04R 3A | 603 | 500 |  |
| **342** | KONDENSTOR CERAMICZNY SMD | C0603C104K3RACTU | 100nF 25V X7R | 603 | 1000 |  |
| **343** | WARYSTOR | B72220S0171K101 | 98J 175VAC |  | 32 |  |
| **344** | KONDENSATOR ELEKTROLITYCZNY | 35ZLH2200MEFC16X25 | 2200uF 35V |  | 30 |  |
| **345** | KONDENSATOR ELEKTROLITYCZNY | 450BXW100MEFC14.5X50 | 100uF 450V |  | 30 |  |
| **346** | KONDENSATOR | AY1222M47Y5UC63LO | 2200pF CLASS X1/Y1 |  | 100 |  |
| **347** | DŁAWIK SMD | B82789C0223N002 | 22uH 250mA |  | 10 |  |
| **348** | KONDENSATOR ELEKTROLITYCZNY | B43544A9477M000 | 470uF 400VDC |  | 2 |  |
| **349** | KONDENSATOR ELEKTROLITYCZNY | UHD1H331MPD | 330uF 50V |  | 30 |  |
| **350** | DŁAWIK | DLW5BSM191SQ2L | 5A 190 OHM |  | 100 |  |
| **351** | TRANZYSTO BIPOLARNY PNP | BC856.215 | 65V 0.1A 250mW |  | 50 |  |
| **352** | DIODA | BAV19-DIO | 100V 0,25A |  | 100 |  |
| **353** | Rezystor SMD | ERJ3EKF4023V | 402K 0,1W 1% | 603 | 100 |  |
| **354** | DIODA SCHOTTKY | 20SQ045-3G-DIO | 45V 20A |  | 120 |  |
| **355** | DŁAWIK SMD | CMDC-9260-10 | 1,5A 80 Mohm |  | 30 |  |
| **356** | LISTWA KOŁKOWA | 77311-818-04LF | 2,54mm PIN 4 MĘSKIE |  | 20 |  |
| **357** | GNIAZDO KOŁKOWE | ZL262-4SG | 2,54mm PIN 4 ŻEŃSKIE |  | 20 |  |
| **358** | GNIAZDO KOŁKOWE | ZL262-5SG | 2,54mm PIN 5 ŻEŃSKIE |  | 20 |  |
| **359** | DIODA PROSTOWNICZA THT | P2000M-DIO | 1KV 20A |  | 100 |  |
| **360** | LISTWA ZACISKOWA DO DRUKU | DG129-5.0-2P11 | 5mm 2 TORY |  | 100 |  |
| **361** | LISTWA ZACISKOWA ROZŁĄCZALNA | MSTBVA2.5/2G5.0 | 5.08mm 2 TORY |  | 20 |  |
| **362** | LISTWA KOŁKOWA | 77311-818-05LF | 2,54mm PIN 5 MĘSKIE |  | 20 |  |
| **363** | ZŁĄCZE PRZEWÓD-PŁYTKA | 640456-6 | 2,54mm PIN 6 MĘSKIE |  | 20 |  |
| **364** | WURTH KONEKTOR | 710-7461097 |  |  | 60 |  |
| **365** | UKŁAD SCALONY | SN74LS279ADR |  |  | 10 |  |
| **366** | UKŁAD SCALONY | MAX3294AUT+T |  |  | 15 |  |
| **367** | KOMPARATOR ANALOGOWY | LMC6772QMMX |  |  | 25 |  |
| **368** | DIODA TVS | SMCJ45A | 1500W 52,7V UNIDI |  | 50 |  |
| **369** | KONDENSATOR CERAMICZNY SMD | VJ0603A101FXACW1BC | 100pF 50V | 603 | 200 |  |
| **370** | KONDENSATOR SMD | CL10C100DB81PNC | 10pF50V COG | 603 | 200 |  |
| **371** | KONDENSATOR CERAMICZNY SMD | GRM1885C1H472JA01D | 4,7nF 50V | 603 | 100 |  |
| **372** | KONDENSATOR CERAMICZNY SMD | 885012006079 | 100pF 100V | 603 | 200 |  |
| **373** | KONDENSATOR CERAMICZNY SMD | 885012006043 | 680pF | 603 | 200 |  |
| **374** | KONDENSATOR CERAMICZNY SMD | C5750X7R1H226M250KB | 22uF 50V | 2220 | 20 |  |
| **375** | KONDENSATOR TANTALOWY SMD | T491A105M016AT | 1uF 16V | 1206 | 100 |  |
| **376** | KONDENSATOR WIELOWARSTWOWY SMD | CL31B106KAHNFNE | 10uF 25V X7R 10% |  | 100 |  |
| **377** | KONDENSATOR CERAMICZNY SMD | C0603C222F3GEC | 2200pF COG 25V | 603 | 20 |  |
| **378** | KONDENSATOR CERAMICZNY SMD | 06033C470KAT2A | 47pF 25V X7R | 603 | 100 |  |
| **379** | KONDENSATOR CERAMICZNY SMD | 885012206065 | 10nF |  | 200 |  |
| **380** | KONDENSATOR CERAMICZNY SMD | CL10C221JB8NFNC | 2200pF 50V COG | 603 | 200 |  |
| **381** | KONDENSATOR CERAMICZNY SMD | CL10B105KA8NFNC | 1uF 25V X7R 10% | 603 | 400 |  |
| **382** | KONDENSATOR CERAMICZNY SMD | C0603C101K5RACTU | 100pF 50V X7R | 603 | 200 |  |
| **383** | KONDENSATOR TANTALOWY SMD | TAJA475K016RNJ | 4,7uF 16V | 1206 | 50 |  |
| **384** | KONDENSATOR CERAMICZNY SMD | 22201C106MAT2A | 10uF 100V X7R | 2220 | 30 |  |
| **385** | KONDENSATOR CERAMICZNY SMD | CL32B226KAJNFNE | 22uF 25V 10% X7R |  | 200 |  |
| **386** | KONDENSATOR CERAMICZNY SMD | CL10B104KB8NNNL | 100nF 50V X7R | 603 | 500 |  |
| **387** | SPRĘŻYNA MOCUJĄCA TRANZYSTOR | THFM1 |  |  | 150 |  |
| **388** | REZYSTOR SMD | RN731JTTD4991F50 | 4,99K 1% | 603 | 100 |  |
| **389** | REZYSTOR SMD | RT0603BRD07249RL | 249R 0,1% | 603 | 100 |  |
| **390** | REZYSTOR SMD | RN731JTTD4071B25 | 4,07K 0,1% | 603 | 100 |  |
| **391** | REZYSTOR SMD | PCNM2512E10R0BST5 | 10R 0,1% | 2512 | 20 |  |
| **392** | REZYSTOR SMD | TNPW06032K29BEEA | 2,29K 0,1% | 603 | 30 |  |
| **393** | REZYSTOR SMD | PTN0603Y1001BST1 | 1K 0,1% | 603 | 25 |  |
| **394** | REZYSTOR SMD | PHP02512E30R1BST5 | 30,1R 0,1% 2,5W | 2512 | 10 |  |
| **395** | REZYSTOR SMD | RT0603FRE071RL | 1R 0,1W | 603 | 100 |  |
| **396** | REZYSTOR SMD | RT1206FRE0760R4L | 60,4R 1% 0,25W | 1206 | 100 |  |
| **397** | REZYSTOR SMD | RT0603BRD07332RL | 332R 0,1% 0,1W | 603 | 25 |  |
| **398** | REZYSTOR SMD | RC0805FR-07430RL | 430R 0,125W | 805 | 100 |  |
| **399** | REZYSTOR SMD | RCG06031K50FKEA | 1,5K 1% 0,1W | 603 | 100 |  |
| **400** | REZYSTOR SMD | RP73PF1J34K8BTDF | 34,8K 0,166W | 603 | 50 |  |
| **401** | REZYSTOR SMD | RCC06030000Z0EA | 0R | 603 | 300 |  |
| **402** | REZYSTOR SMD | RC0805FR-070RL | 0R 0,125W | 805 | 100 |  |
| **403** | REZYSTOR | FMP300FRF73-100K | 100k 1% 3W |  | 25 |  |
| **404** | REZYSTOR SMD | NS02B1R000FE70 | 1R 1% 3W |  | 25 |  |
| **405** | REZYSTOR SMD | RT0603FRE0760R4L | 60,4R 1% 01W | 603 | 100 |  |
| **406** | KONDENSATOR SMD | 865080645012 | 47uF 50V |  | 90 |  |
| **407** | LISTWA ZACISKOWA | 1755736 | 5,08 2 TORY |  | 30 |  |
| **408** | TERMISTOR NTC | NTCALUG02A502G | 5K 2% |  | 30 |  |
| **409** | TERMISTOR NTC | B57861S0502F040 | 5K |  | 20 |  |
| **410** | DIODA SCHOTTKY | TSS42U-RG | 30V 0,2A | 603 | 50 |  |
| **411** | KONDENSATOR POLIPROPYLENOWY | C4AQJEW5850P3AJ | 0,85uF |  | 6 |  |
| **412** | WKŁADKA TERMOPRZEWODZĄCA SYLIKONOWA | PL-1-5-1016 |  |  | 10 |  |
| **413** | WKŁADKA TERMOPRZEWODZĄCA SYLIKONOWA | PL-05-5-1016 |  |  | 15 |  |
| **414** | LISTWA ZACISKOWA ROZŁĄCZALNA | MSTBVA2.5/4G5.0 | 5,08 4 TORY GNIAZDO |  | 50 |  |
| **415** | LISTWA ZACISKOWA ROZŁĄCZALNA | MSTBVA2.5/3G5.1 | 5,08 3 TORY GNIAZDO |  | 120 |  |
| **416** | KONDENSATOR CERAMICZNY SMD | C2220X106K5RAC | 10uF 50V DC X7R | 2220 | 100 |  |
| **417** | Oscylator zegarowy | ECS2520MVQ-160-CN-TR | 16MHz |  | 23 |  |
| **418** | REZYSTOR SMD | 04P0439 | 47R 1% 0,1W | 603 | 200 |  |
| **419** | Kondensator ceramiczny SMD | 0603C053F3GACTU | 15n COG | 603 | 16 |  |
| **420** | Kondensator bezpieczeństwa | F340X142248MKP2T0 | 220nF 480V 20% |  | 10 |  |
| **421** | Kondensator elektrolityczny aluminiowy | 381LX153M050A052 | 15000uF 50V |  | 10 |  |
| **422** | Kondensator elektrolityczny aluminiowy | ALF80G272KP400 | 6800uF 100V 20% |  | 10 |  |
| **423** | Rezystor MELF | SMA-A0207FTDT2K7 | 2,7k |  | 10 |  |
| **424** | Rezystor SMD | RC0603FR-074R7L | 4,7R 100mW | 603 | 100 |  |
| **425** | Rezystor MELF | SMA-A0207FTDT47K | 47k |  | 10 |  |
| **426** | KONDENSATOR CERAMICZNY SMD | UMJ325KB7106KMHP | 10uF 50VDC 10% | 1210 | 100 |  |
| **427** | Rezystor SMD | RN731JTTD9881B50 | 9,88k 0,1% | 603 | 10 |  |
| **428** | Rezystor SMD | CRA2512-FZ-R050ELF | 0,05R 1% | 2512 | 10 |  |
| **429** | Rezystor SMD | CMP2010AFX-2000ELF | 200R 1W 1% | 2010 | 25 |  |
| **430** | KONDENSATOR CERAMICZNY SMD | 06035C470KAT2A | 47pF 50V X7R | 603 | 100 |  |
| **431** | Rezystor SMD | ERA-3AEB392V | 3,9k 100mW | 603 | 10 |  |
| **432** | Rezystor SMD | ERJ-PB3B7681V | 7,68k 0,1% | 603 | 10 |  |
| **433** | Kondensator bezpieczeństwa | R413F12204000M | 2200pF 1kVDC/300AC |  | 18 |  |
| **434** | KONDENSATOR CERAMICZNY SMD | C5750X7R2E105K230KA | 1uF 250V X7R | 2220 | 30 |  |
| **435** | Rezystor MELF | SMA-A0207BTNT10K | 10k |  | 10 |  |
| **436** | KONDENSATOR CERAMICZNY SMD | CC0603JRNP09BN560 | 56pF 50V 5% C0G | 603 | 100 |  |
| **437** | Rezystor SMD | RN731JTTD2711F100 | 2,71k 1% | 603 | 10 |  |
| **438** | Rezystor SMD | GMR100HTBFA10L0 | 0,01R 1% | 2512 | 10 |  |
| **439** | KONDENSATOR CERAMICZNY SMD | GRM188R6YA475KE15J | 4,7u 35V | 603 | 100 |  |
| **440** | Rezytor SMD | CRT0603-BY-1000ELF | 100R 0,1% | 603 |  |  |
| **441** | Kondensator elektrolityczny THT | B43501A5476M000 | 47uF 450V STD |  | 6 |  |
| **442** | Zacisk | 74650194R |  |  | 20 |  |
| **443** | Rezystor MELF | WRM0207HPC-240KFT2 | 240k 1% |  | 15 |  |
| **444** | Cewka | B82559A9103A024 | 10uH 1,85mOhm |  | 2 |  |
| **445** | Radiator SMD | DA-T263-401E-TR |  | TO-263 | 22 |  |
| **446** | Kondensator SMD | 06033A121JAT2A | 120pF 25V C0G | 603 | 2 |  |
| **447** | Dioda TVS | SMA6J15CA-TR |  |  | 5 |  |
| **448** | Rezystor MELF | MMB02070Z0000ZB200 | 0R 1W |  | 17 |  |
| **449** | Kondensator SMD | C1206C475K5RACAUTO7210 | 4,7uF 50V X7R | 1206 | 2 |  |
| **450** | Rezystor SMD | ARG03DTC0470 | 47R 0,5% | 603 | 70 |  |
| **451** | Rezystor SMD | RN731JTTD5692F50 | 56,9k 1% | 603 | 6 |  |
| **452** | Kondensator SMD | C1608C0G1H102J080AE | 1nF 50V C0G | 603 | 80 |  |
| **453** | Złącze | 280370-1 |  |  | 3 |  |
| **454** | Kondensator SMD | CL10B103KB8NNNO | 10nF 50V X7R | 603 | 16 |  |
| **455** | KONDENSATOR TANTALOWY SMD | T491A105K025AT | 1uF 25V | 1206 | 13 |  |
| **456** | Kondensator SMD | CC0603JRNP09470 | 47pF 50V C0G | 603 | 90 |  |
| **457** | Gniazdo IDC | T821110A1R10CEU | 2,54mm MĘSKIE kątowe |  | 1 |  |
| **458** | Podzespoły elektroniczne | AP64500SP-13 |  |  | 30 |  |
| **459** | Rezystor SMD | 0603SAF649T5E | 6,49k 1% | 603 | 15 |  |
| **460** | Kondensator SMD | CL32B226KAJNNNE | 22uF 25V X7R | 1210 | 6 |  |
| **461** | Kondensator SMD | C0603C470K5RACTU | 47pF 50V X7R | 603 | 8 |  |
| **462** | Rezystor SMD | ARG03DTC0680 | 68R 0,5% | 603 | 64 |  |
| **463** | Kondensator SMD | 06033A681JAT2A | 680pF 25V C0G | 603 | 16 |  |
| **464** | Rezystor MELF | MMB02070C1009FB200 | 10R 1% |  | 77 |  |
| **465** | Kondensator SMD | C2220C226M5R2C7186 | 22uF 50V X7R | 2220 | 2 |  |
| **466** | Rezystor SMD | CRCW0601K96FKEA | 1,96k 1% | 603 | 40 |  |
| **467** | Kondensator SMD | C3225X7R1E226M250AB | 22uF MLCC X7R 25V | 1210 | 1 |  |
| **468** | Rezystor SMD | 0603SAF470KT5E | 4,7R 1% 100mW | 603 | 12 |  |
| **469** | Kondensator SMD | GRM43DR2J104KW01L | 10nF 630V X7R | 1812 | 7 |  |
| **470** | Kondensator SMD | CGA3E2NP02A070D080AA | 7pF 100V C0G | 603 | 10 |  |
| **471** | Rezystor SMD | CRCW063332RFKTABC | 332R 1% | 603 | 100 |  |
| **472** | Kondensator SMD | 06035C105KAT2A | 1uF 10% X7R 50V | 603 | 11 |  |
| **473** | Rezystor SMD | AC1206FR-0760R4L | 60,4R 1% | 1206 | 100 |  |
| **474** | Rezystor SMD | RT0603DRD0710KL | 10k 0,5% | 603 | 10 |  |
| **475** | Dławik SMD | 249221122135000 | 11 uF 2,5A |  | 2 |  |
| **476** | Podzespoły elektroniczne | SI8641AB-B-IS |  |  | 3 |  |
| **477** | Podzespoły elektroniczne | SI8271BB-IS |  |  | 9 |  |
| **478** | Podzespoły elektroniczne | SI8421AD-D-IS |  |  | 5 |  |
| **480** | WURTH KONEKTOR | 168000002203000 |  |  | 36 |  |
| **481** | Kondensator SMD | C1608C0G1E472J080AA | 4,7nF | 603 |  |  |
| **482** | Rezystor THT | PR03000203602JAC00 | 36k 5% 3W |  | 31 |  |
| **483** | Kondensator foliowy | C4AQJBU5110M1EJ | 11uF 700V |  | 10 |  |
| **484** | Rezystor SMD | RT0603BRD0720RL | 20R 1% 100mW | 603 | 90 |  |
| **485** | KONDENSATOR TANTALOWY SMD | T491A475K025AT | 4,7uF 25V |  | 16 |  |
| **486** | Kondensator SMD | 0603B103J500CT | 10nF 5% X | 603 | 100 |  |
| **487** | cewka | SRP1770C-2R2M |  |  | 2 |  |
| **488** | Rezystor SMD | RT0805FRE101KL | 1k 1% | 805 | 100 |  |
| **489** | Rezystor THT | VR3700000 | 1M 5% |  | 100 |  |
| **490** | Kondensator foliowy | F863FL225K310Z | 2,2uF 10% 310V |  | 30 |  |
| **491** | Rezystor SMD | SMD0603-680R-1% | 680R 1% | 603 |  |  |
| **492** | Rezystor SMD | APC0603B4K99N | 4,99k 0,1% | 603 | 100 |  |
| **493** | Rezystor SMD | MC0603SAF470JT5E | 47R 1% | 603 |  |  |
| **494** | Rezystor SMD | ERJ-UP3F3300V | 330R 1% | 603 |  |  |
| **495** | Rezystor SMD | CRCW060322R0FKEAC | 22R 1% | 603 |  |  |
| **496** | Rezystor SMD | ERA-3AEB6651V | 6,65k 0,1% | 603 |  |  |
| **497** | Rezystor MELF | MMA02040E3300BB100 | 330R 0,1% |  |  |  |
| **498** | Rezystor SMD | 354033KFT | 33k 1% | 603 |  |  |
| **499** | Rezystor SMD | CPF0603F1K5C1 | 1,5k 1% | 603 |  |  |
| **500** | Rezystor SMD | RT0805FRE074K7L | 4,7k 1% | 603 |  |  |
| **501** | Rezystor SMD | TNPW060359K7BEEA | 59,7k 0,1% | 603 |  |  |
| **502** | Kondensator SMD | CKG57NX7T2W225M500JH | 2,2uF 450V CKG | 2220 |  |  |
| **503** | Kondensator SMD | CL31B475KBHNFNE | 4,7uF 50V X7R | 1206 |  |  |
| **504** | Złącze | T812106A101CEU | 6pin |  |  |  |
| **505** | Taśmy szare IDC |  |  |  |  |  |
| **506** | Elementy konstrukcyjne, blachy miedziane #0,3, #0,5, #0,8, #1, #1.5, #2,5 |  |  |  |  |  |
| **507** | Końcówki oczkowe |  |  |  |  |  |
| **508** | Izolatory |  |  |  |  |  |
| **509** | Moduł tranzystorowy | FF6MR12W2M1P\_B11 |  |  |  |  |
| **510** | Moduł tranzystorowy | FF6MR12W2M1P\_B70 |  |  | 20 |  |
| **511** | Kabel energetyczny YKXS 5x25 żo 0,6/1kV/bębnowy/ | G-116537 |  |  | 20m |  |
| **512** | HELUTHERM 145 1X50 QMM CZERW PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51465 |  |  | 20m |  |
| **513** | HELUTHERM 145 1X50 QMM J. NIEB. PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51463 |  |  | 20m |  |
| **514** | HELUTHERM 145 1X25 QMM CZARNY PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51434 |  |  | 50m |  |
| **515** | HELUTHERM 145 1X25 QMM CZERW PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51437 |  |  | 40m |  |
| **516** | HELUTHERM 145 1X25 QMM J. NIEB PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51435 |  |  | 40m |  |
| **517** | HELUTHERM 145 1X10 QMM CZERW. PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51382 |  |  | 30m |  |
| **518** | HELUTHERM 145 1X10 QMM J. NIEB. PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51380 |  |  | 30m |  |
| **519** | HELUTHERM 145 1X4 QMM CZARNY PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51351 |  |  | 100m |  |
| **520** | HELUTHERM 145 1X2,5 QMM CZARNY PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51337 |  |  | 100m |  |
| **521** | HELUTHERM 145 1X2,5 QMM CZERW PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51340 |  |  | 100m |  |
| **522** | HELUTHERM 145 1X2,5 QMM J. NIEB. PRZEWÓD ELASTYCZNY 0,6/1kV SIECIOWANY ELEKTRONOWO, BEZH | 51338 |  |  | 100m |  |
| **523** | HELUTHERM 145 1X1,5 QMM CZARNY PRZEWÓD ELASTYCZNY 450/750 SIECIOWANY ELEKTRONOWO, BEZH | 51323 |  |  | 100m |  |
| **524** | HELUTHERM 145 1X1,5 QMM CZERW. PRZEWÓD ELASTYCZNY 450/750 SIECIOWANY ELEKTRONOWO, BEZH | 51326 |  |  | 100m |  |
| **525** | HELUTHERM 145 1X1,5 QMM J. NIEBIESKI PRZEWÓD ELASTYCZNY 450/750 SIECIOWANY ELEKTRONOWO, BEZH | 51324 |  |  | 100m |  |
| **526** | HELUTHERM 145 1X0,5 QMM CZARNY PRZEWÓD ELASTYCZNY 300/500V SIECIOWANY ELEKTRONOWO, BEZH | 51281 |  |  | 400m |  |
| **527** | Wtyk lotniczy 270V dc | 270V dc |  |  | 1 szt. |  |
| **528** | Kabel wydawczy 270V |  | CABLE, DC SJ 270V  LILU HT 33FT PM301833 |  | 10 m |  |