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|  | A1 | Модуль питания SCW08C-05 | 1 | MEAN WELL |
|  | A2 | Модуль питания SCW08C-12 | 1 | MEAN WELL |
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|  |  | Конденсаторы |  |  |
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|  | C1-C7 | 0805-0,1 мкФ±10%-50В-X7R | 7 | YAGEO  CC0805KPX7R9BB104 |
|  | C8 | 1210-0,1 мкФ±10%-100В-X7R | 1 | YAGEO  CC1210KFX7R0BB104 |
|  | C9 | 0805-0,1 мкФ±10%-50В-X7R | 1 | YAGEO  CC0805KPX7R9BB104 |
|  | C10 | 1206-0,1 мкФ±10%-50В-X7R |  | YAGEO  CC1206KPX7R9BB104 |
|  | C11 | 10 мкФ±10%-6,3В, тип A | 1 | AVX  TAJA106K006RNJ |
|  | C12 | 1206-0,01 мкФ±5%-100В-C0G | 1 | MURATA  GRM3195C2A103JA01D |
|  | C13 | 10 мкФ±10%-6,3В, тип A | 1 | AVX  TAJA106K006RNJ |
|  | C14 | 1206-0,01 мкФ±5%-100В-C0G | 1 | MURATA  GRM3195C2A103JA01D |
|  | C15 | 0805-100 пФ±5%-50В-NP0 | 1 | YAGEO  CC0805JRNPO9BN101 |
|  | C16, C17 | 0805-0,1 мкФ±10%-50В-X7R | 2 | YAGEO  CC0805KPX7R9BB104 |
|  | C18 | 1206-0,01 мкФ±5%-100В-C0G | 1 | MURATA  GRM3195C2A103JA01D |
|  | C19-C21 | 1206-0,1 мкФ±10%-50В-X7R | 3 | YAGEO  CC1206KPX7R9BB104 |
|  | C22 | 1210-0,47 мкФ±10%-50В-X7R | 1 | YAGEO  CC1210KKX7R9BB474 |
|  | C23, C24 | 1206-0,1 мкФ±10%-50В-X7R | 2 | YAGEO  CC1206KPX7R9BB104 |
|  | C25, C26 | 1 мкФ±10%-16В, тип A | 2 | AVX  TAJA105K016RNJ |
|  | C27 | 0805-4700 пФ±5%-50В-NP0 | 1 | MURATA  GRM2165C1H472JA01D |
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|  | C28-C30 | 10 мкФ±10%-6,3В, тип A | 3 | AVX  TAJA106K006RNJ |
|  | C31 | 1 мкФ±10%-16В, тип A | 1 | AVX  TAJA105K016RNJ |
|  | C32, C33 | 1206-0,1 мкФ±10%-50В-X7R | 2 | YAGEO  CC1206KPX7R9BB104 |
|  | C34-C37 | 0805-100 пФ±5%-50В-NP0 | 4 | YAGEO  CC0805JRNPO9BN101 |
|  | C38 | 1 мкФ±10%-16В, тип A | 1 | AVX  TAJA105K016RNJ |
|  | C39-C42 | 1206-0,1 мкФ±10%-50В-X7R | 4 | YAGEO  CC1206KPX7R9BB104 |
|  | C43 | 0805-0,1 мкФ±10%-50В-X7R | 1 | YAGEO  CC0805KPX7R9BB104 |
|  | C44, C45 | 1 мкФ±10%-16В, тип A | 2 | AVX  TAJA105K016RNJ |
|  | C46-C52 | 0805-0,1 мкФ±10%-50В-X7R | 7 | YAGEO  CC0805KPX7R9BB104 |
|  | C53, C54 | 1206-2,2 мкФ±10%-50В-X7R | 2 | YAGEO  CC1206KKX7R9BB225 |
|  | C55-C57 | 0805-0,1 мкФ±10%-50В-X7R | 3 | YAGEO  CC0805KPX7R9BB104 |
|  | C58-C60 | 10 мкФ±10%-6,3В, тип A | 3 | AVX  TAJA106K006RNJ |
|  | C61, C62 | 0805-0,1 мкФ±10%-50В-X7R | 2 | YAGEO  CC0805KPX7R9BB104 |
|  | C63 | 10 мкФ±10%-6,3В, тип A | 1 | AVX  TAJA106K006RNJ |
|  | C64 | 0805-0,1 мкФ±10%-50В-X7R | 1 | YAGEO  CC0805KPX7R9BB104 |
|  | C65 | 10 мкФ±10%-6,3В, тип A | 1 | AVX  TAJA106K006RNJ |
|  | C66 | 0805-0,1 мкФ±10%-50В-X7R | 1 | YAGEO  CC0805KPX7R9BB104 |
|  | C67 | 10 мкФ±10%-6,3В, тип A | 1 | AVX  TAJA106K006RNJ |
|  | C68 | 0805-0,1 мкФ±10%-50В-X7R | 1 | YAGEO  CC0805KPX7R9BB104 |
|  | C69, C70 | 0805-6,2 пФ±0,25пФ-50В-NP0 | 2 | YAGEO  CC0805CRNPO9BN6R2 |
|  | C71-C97 | 0805-0,1 мкФ±10%-50В-X7R | 27 | YAGEO  CC0805KPX7R9BB104 |
|  | C98 | 22 мкФ±20%-100В, 8x12, RM5,0 | 1 | EPCOS  B41828A9226M006 |
|  | C99-C104 | 1210-0,1 мкФ±10%-100В-X7R | 6 | YAGEO  CC1210KFX7R0BB104 |
|  | C105-C108 | 0805-0,1 мкФ±10%-50В-X7R | 4 | YAGEO  CC0805KPX7R9BB104 |
|  | C109-C111 | 10 мкФ±10%-6,3В, тип A | 3 | AVX  TAJA106K006RNJ |
|  | C112-C114 | 0805-0,1 мкФ±10%-50В-X7R | 3 | YAGEO  CC0805KPX7R9BB104 |
|  | C115-C117 | 10 мкФ±10%-6,3В, тип A | 3 | AVX  TAJA106K006RNJ |
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|  | C118-C120 | 0805-0,1 мкФ±10%-50В-X7R | 3 | YAGEO  CC0805KPX7R9BB104 |
|  | C121 | 47 мкФ±10%-10В, тип B | 1 | AVX  TAJB476K010RNJ |
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|  |  | Микросхемы |  |  |
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|  | D1 | STM32H753IIT6 | 1 | ST  Microelectronics |
|  | D2, D3 | IS61LV25616AL-10TLI | 2 | ISSI |
|  | D4 | M24M01-RMN6TP | 1 | ST  Microelectronics |
|  | D5 | TLV320AIC3254-Q1 | 1 | Texas Instruments  6PAIC3254IRHBRQ1 |
|  | D6 | DP83848IVV | 1 | Texas  Instruments |
|  | D7 | MAX3221EAE+ | 1 | Maxim  Semiconductor |
|  | D8 | SN74HC14D | 1 | Texas  Instruments |
|  | D9 | TPS2375D | 1 | Texas  Instruments |
|  | D10, D11 | LMV358ID | 2 | Texas  Instruments |
|  | D12 | LM4950TS | 1 | Texas  Instruments |
|  | D13 | LM4880M | 1 | Texas  Instruments |
|  | D14 | LM1117IDTX-3.3 | 1 | Texas  Instruments |
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|  | F1 | Предохранитель MF-MSMF010-2 | 1 | BOURNS |
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|  | H1 | Светодиод HSMC-C170-T0000 | 1 | Broadcom  Limited |
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|  | K1 | Реле V23105A5307A201 | 1 | TYCO |
|  | K2 | Реле IM03GR 1-1462037-4 | 1 | TYCO |
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|  | L1, L2 | Индуктивность 1210-1,0 мкГн±20% | 2 | MURATA  LQH32CN1R0M33L |
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|  |  | Резисторы |  |  |
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|  | R1 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R2 | 0805-100 кОм±5% | 1 | YAGEO  RC0805JR-07100KL |
|  | R3, R4 | 0805-3,3 кОм±5% | 2 | YAGEO  RC0805JR-073K3L |
|  | R5-R8 | 0805-49,9 Ом±1% | 4 | YAGEO  RC0805FR-0749R9L |
|  | R9-R11 | 0805-220 Ом±5% | 3 | YAGEO  RC0805JR-07220RL |
|  | R12-R17 | 0805-3,3 кОм±5% | 6 | YAGEO  RC0805JR-073K3L |
|  | R18 | 1206-15 кОм±5% | 1 | YAGEO  RC1206JR-0715KL |
|  | R19 | 0805-2 кОм±5% | 1 | YAGEO  RC0805JR-072KL |
|  | R20 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R21 | 0805-2 кОм±5% | 1 | YAGEO  RC0805JR-072KL |
|  | R22 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R23 | 0805-24,9 кОм±1% | 1 | YAGEO  RC0805FR-0724K9L |
|  | R24 | 0805-178 кОм±1% | 1 | YAGEO  RC0805FR-07178KL |
|  | R25 | 0805-357 Ом±1% | 1 | YAGEO  RC0805FR-07357RL |
|  | R26 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R27 | 0805-220 Ом±5% | 1 | YAGEO  RC0805JR-07220RL |
|  | R28 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R29 | 0805-220 Ом±5% | 1 | YAGEO  RC0805JR-07220RL |
|  | R30, R31 | 0805-2 кОм±5% | 2 | YAGEO  RC0805JR-072KL |
|  | R32 | 0805-10 кОм±5% | 1 | YAGEO  RC0805JR-0710KL |
|  | R33 | 0805-91 кОм±5% | 1 | YAGEO  RC0805JR-0791KL |
|  | R34 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R35 | 0805-2 кОм±5% | 1 | YAGEO  RC0805JR-072KL |
|  | R36 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R37 | 0805-2 кОм±5% | 1 | YAGEO  RC0805JR-072KL |
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|  | R38 | 0805-2,2 кОм±5% |  | YAGEO  RC0805JR-072K2L |
|  | R39, R40 | 0805-2,2 кОм±5% | 2 | YAGEO  RC0805JR-072K2L |
|  | R41 | 0805-100 кОм±5% | 1 | YAGEO  RC0805JR-07100KL |
|  | R42 | 0805-2,2 кОм±5% | 1 | YAGEO  RC0805JR-072K2L |
|  | R43 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R44 | 0805-2 кОм±5% | 1 | YAGEO  RC0805JR-072KL |
|  | R45 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R46 | 0805-2 кОм±5% | 1 | YAGEO  RC0805JR-072KL |
|  | R47 | 0805-5,1 кОм±5% | 1 | YAGEO  RC0805JR-075K1L |
|  | R48, R49 | 0805-10 кОм±5% | 2 | YAGEO  RC0805JR-0710KL |
|  | R50 | 0805-100 Ом±5% | 1 | YAGEO  RC0805JR-07100RL |
|  | R51, R52 | 0805-5,1 кОм±5% | 2 | YAGEO  RC0805JR-075K1L |
|  | R53, R54 | 0805-100 кОм±5% | 2 | YAGEO  RC0805JR-07100KL |
|  | R55 | 0805-5,6 кОм±5% | 1 | YAGEO  RC0805JR-075K6L |
|  | R56 | 0805-100 кОм±5% | 1 | YAGEO  RC0805JR-07100KL |
|  | R57 | 0805-5,6 кОм±5% | 1 | YAGEO  RC0805JR-075K6L |
|  | R58 | 0805-100 кОм±5% | 1 | YAGEO  RC0805JR-07100KL |
|  | R59-R63 | 0805-51 кОм±5% | 5 | YAGEO  RC0805JR-0751KL |
|  | R64 | 1206-510 Ом±5% | 1 | YAGEO  RC1206JR-07510RL |
|  | R65 | 0805-15 кОм±5% | 1 | YAGEO  RC0805JR-0715KL |
|  | R66 | 0805-10 кОм±5% | 1 | YAGEO  RC0805JR-0710KL |
|  | R67 | 0805-15 кОм±5% | 1 | YAGEO  RC0805JR-0715KL |
|  | R68 | 0805-10 кОм±5% | 1 | YAGEO  RC0805JR-0710KL |
|  | R69-R72 | 0805-6,8 кОм±5% | 4 | YAGEO  RC0805JR-076K8L |
|  | R73 | 0805-4,87 кОм±1% | 1 | YAGEO  RC0805FR-074K87L |
|  | R74 | 0805-1 кОм±5% | 1 | YAGEO  RC0805JR-071KL |
|  | R75 | 0805-0 Ом±5% | 1 | YAGEO  RC0805JR-070RL |
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|  | R76-R106 | 0805-3,3 кОм±5% | 31 | YAGEO  RC0805JR-073K3L |
|  | R107, R108 | 1206-510 Ом±5% | 2 | YAGEO  RC1206JR-07510RL |
|  | R109, R110 | 1206-2 кОм±5% | 2 | YAGEO  RC1206JR-072KL |
|  | R111 | 1206-1 Ом±5% | 1 | YAGEO  RC1206JR-071RL |
|  | R112 | 1206-0 Ом±5% | 1 | YAGEO  RC1206JR-070RL |
|  | R113 | 1206-1 Ом±5% | 1 | YAGEO  RC1206JR-071RL |
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|  | S1 | Кнопка тактовая DTSM-32 | 1 | DIPTRONICS |
|  | S2 | Кнопка тактовая TS-A2PV-130 | 1 | Switronic  Industrial |
|  | S3-S6 | Кнопка тактовая TS-A6PV-130 | 4 | Switronic  Industrial |
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|  | T1 | Трансформатор LM-LP-1005L | 1 | BOURNS |
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|  | V1 | Диодная сборка SP3002 | 1 | Littelfuse |
|  | V2 | Диод LL4148 | 1 | Vishay |
|  | V3 | Транзистор IRLML2803TRPBF | 1 | Infineon |
|  | V4-V13 | Диод LL4002 | 10 | Vishay |
|  | V14 | Супрессор SMBJ58CA-TR | 1 | ST  Microelectronics |
|  | V15, V16 | Транзистор BC848B.215 | 2 | NXP |
|  | V17 | Диод LL4148 | 1 | Vishay |
|  | V18-V20 | Оптопара HCPL-181-06AE | 3 | Broadcom |
|  | V21 | Диод LL4148 | 1 | Vishay |
|  | V22-V25 | Транзистор BC848B.215 | 4 | NXP |
|  |  |  |  |  |
|  | X1 | Розетка HR971169C | 1 | HAN RUN |
|  | X2 | Вилка DRB-9MB | 1 | Connfly |
|  | X3 | Вилка DS-210 | 1 | Dragon City  Industries |
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|  | X4 | Вилка CWF-3 | 1 | Connfly |
|  | X5 | Вилка CWF-2 | 1 | Connfly |
|  | X6 | Вилка FDC-14 | 1 | Connfly |
|  | X7 | Вилка 15EDGRC-3.81-03P-14 | 1 | Degson |
|  | X8-X10 | Розетка PJ307 | 3 |  |
|  | X11 | Вилка IDC-10MS | 1 | CONNFLY |
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|  | Z1 | Резонатор кварцевый KX-3HT HC-49/U8H 25MHz±30ppm | 1 | Geyer  Electronic |
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| Изм. | Номера листов (страниц) | | | | Всего листов (страниц) в документе | №  докум. | Входящий № сопроводительного докум. и дата | Подпись | Дата |
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| измененных | замененных | новых | аннулированных |
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