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|  | A1 | Модуль питания TEN5-4811 | 1 | TRACO  POWER |
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|  |  | Конденсаторы |  |  |
|  |  |  |  |  |
|  | C1-C8 | 0805-0,1 мкФ±10%-50В-X7R | 8 | YAGEO  CC0805KPX7R9BB104 |
|  | C9, C10 | 0805-6,2 пФ±10%-50В-NP0 | 2 | YAGEO  C0805C629C5GACTU |
|  | C11-C16 | 0805-0,1 мкФ±10%-50В-X7R | 6 | YAGEO  CC0805KPX7R9BB104 |
|  | C17 | 0805-100 пФ±5%-50В-NP0 | 1 | YAGEO  CC0805JRNPO9BN101 |
|  | C18, C19 | 1 мкФ±10%-16В, тип A | 2 | AVX  TAJA105K016RNJ |
|  | C20 | 0805-0,1 мкФ±5%-50В-X7R | 1 | YAGEO  CC0805JRX7R9BB104 |
|  | C21,C22 | 0805-100 пФ±5%-50В-NP0 | 2 | YAGEO  CC0805JRNPO9BN101 |
|  | C23 | 47 мкФ±10%-10В, тип B | 1 | AVX  TAJB476K010RNJ |
|  | C24, C25 | 1206-2,2 мкФ±10%-50В-X7R | 2 | YAGEO  CC1206KKX7R9BB225 |
|  | C26-C30 | 0805-0,1 мкФ±10%-50В-X7R | 5 | YAGEO  CC0805KPX7R9BB104 |
|  | C31 | 10 мкФ±10%-6,3В, тип A | 1 | AVX  TAJA106K006RNJ |
|  | C32-C63 | 0805-0,1 мкФ±10%-50В-X7R | 32 | YAGEO  CC0805KPX7R9BB104 |
|  | C64, C65 | 10 мкФ±10%-6,3В, тип A | 2 | AVX  TAJA106K006RNJ |
|  | C66, C67 | 0805-0,1 мкФ±5%-50В-X7R | 2 | YAGEO  CC0805JRX7R9BB104 |
|  | C68, C69 | 10 мкФ±10%-6,3В, тип A | 2 | AVX  TAJA106K006RNJ |
|  | C70, C71 | 0805-0,1 мкФ±5%-50В-X7R | 2 | YAGEO  CC0805JRX7R9BB104 |
|  | C72 | 10 мкФ±10%-6,3В, тип A | 1 | AVX  TAJA106K006RNJ |
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|  | C73 | 0805-0,1 мкФ±5%-50В-X7R | 1 | YAGEO  CC0805JRX7R9BB104 |
|  | C74 | 47 мкФ±20%-100В, 10x16, RM5,0 | 1 | VISHAY  MAL213669479E3 |
|  | C75-C77 | 1206-0,1 мкФ±10%-100В-X7R | 3 | YAGEO  CC1206KKX7R0BB104 |
|  | C78 | 10 мкФ±10%-6,3В, тип A | 1 | AVX  TAJA106K006RNJ |
|  | C79-C81 | 0805-0,1 мкФ±10%-50В-X7R | 3 | YAGEO  CC0805KPX7R9BB104 |
|  | C82-C84 | 10 мкФ±10%-6,3В, тип A | 3 | AVX  TAJA106K006RNJ |
|  | C85-C87 | 0805-0,1 мкФ±10%-50В-X7R | 3 | YAGEO  CC0805KPX7R9BB104 |
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|  |  | Микросхемы |  |  |
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|  | D1 | STM32F777IIT6 | 1 | ST  Microelectronics |
|  | D2, D3 | IS61LV25616AL-10TLI | 2 | ISSI |
|  | D4 | M24M01-RDW6TP | 1 | ST  Microelectronics |
|  | D5 | SN74HC14D | 1 | Texas  Instruments |
|  | D6 | DP83848IVV | 1 | Texas  Instruments |
|  | D7 | TLV320AIC3254-Q1 | 1 | Texas Instruments  6PAIC3254IRHBRQ1 |
|  | D8 | MAX3221EAE+ | 1 | Maxim  Semiconductor |
|  | D9 | SN74HC14D | 1 | Texas  Instruments |
|  | D10, D11 | NC7S04M5X | 2 | ON  Semiconductor |
|  | D12 | LMV358ID | 1 | Texas  Instruments |
|  | D13, D14 | LM4871M | 2 | Texas  Instruments |
|  | D15 | LM1117IDTX-3.3 | 1 | Texas  Instruments |
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|  | H1-H7 | Светодиод HSMC-C170-T0000 | 7 | Broadcom  Limited |
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|  | K1 | Реле IM03GR 1-1462037-4 | 1 | TYCO |
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|  | L1 | Индуктивность 1210-1,0 мкГн±20% | 1 | MURATA  LQH32CN1R0M33L |
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|  |  | Резисторы |  |  |
|  |  |  |  |  |
|  | R1-R4 | 0805-3,3 кОм±5% | 4 | YAGEO  RC0805JR-073K3L |
|  | R5-R8 | 0805-49,9 Ом±1% | 4 | YAGEO  RC0805FR-0749R9L |
|  | R9 | 1206-15 кОм±5% | 1 | YAGEO  RC1206JR-0715KL |
|  | R10, R11 | 0805-3,3 кОм±5% | 2 | YAGEO  RC0805JR-073K3L |
|  | R12-R18 | 0805-220 Ом±5% | 7 | YAGEO  RC0805JR-07220RL |
|  | R19 | 0805-3,3 кОм±5% | 1 | YAGEO  RC0805JR-073K3L |
|  | R20 | 0805-3,9 кОм±5% | 1 | YAGEO  RC0805JR-073K9L |
|  | R21 | 0805-0 Ом±5% | 1 | YAGEO  RC0805JR-070RL |
|  | R22-R25 | 0805-2 кОм±5% | 3 | YAGEO  RC0805JR-072KL |
|  | R26, R27 | 0805-1 кОм±5% | 2 | YAGEO  RC0805JR-071KL |
|  | R28 | 0805-10 кОм±5% | 1 | YAGEO  RC0805JR-0710KL |
|  | R29-R65 | 0805-3,3 кОм±5% | 37 | YAGEO  RC0805JR-073K3L |
|  | R66 | 0805-4,87 кОм±1% | 1 | YAGEO  RC0805FR-074K87L |
|  | R67, R68 | 0805-1 кОм±5% | 2 | YAGEO  RC0805JR-071KL |
|  | R69, R70 | 0805-0 Ом±5% | 3 | YAGEO  RC0805JR-070RL |
|  | R71 | Отсутствует |  |  |
|  | R72 | 0805-12 кОм±5% | 1 | YAGEO  RC0805JR-0712KL |
|  | R73, R74 | 0805-10 кОм±5% | 2 | YAGEO  RC0805JR-0710KL |
|  | R75, R76 | 0805-18 кОм±5% | 2 | YAGEO  RC0805JR-0718KL |
|  | R77 | 0805-100 Ом±5% | 1 | YAGEO  RC0805JR-07100RL |
|  | R78 | 1206-2 кОм±5% | 1 | YAGEO  RC1206JR-072KL |
|  | R79-R84 | 0805-330 Ом±5% | 6 | YAGEO  RC0805JR-07330RL |
|  | R85 | 1206-2 кОм±5% | 1 | YAGEO  RC1206JR-072KL |
|  | R86, R87 | 1206-27 Ом±5% | 2 | YAGEO  RC1206JR-0727RL |
|  | R88 | Предохранитель MF-RX110/72 | 1 | BOURNS |
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|  | R89 | 1206-510 Ом±5% | 1 | YAGEO  RC1206JR-07510RL |
|  | R90 | 1206-1 Ом±5% | 1 | YAGEO  RC1206JR-071RL |
|  | R91 | 1206-0 Ом±5% | 1 | YAGEO  RC1206JR-070RL |
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|  | S1, S2 | Кнопка тактовая DTSM-32 | 2 | DIPTRONICS |
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|  | T1 | Трансформатор SM51108PEL | 1 | Bourns |
|  | T2 | Трансформатор SM-LP-5001 | 1 | Bourns  SM-LP-5001 |
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|  | V1-V4 | Диод LL4148 | 4 | Vishay |
|  | V5-V14 | Диод LL4002 | 10 | Vishay |
|  | V15 | Диод LL4148 | 1 | Vishay |
|  | V16 | Оптопара TLP124TPL | 1 | TOSHIBA |
|  | V17, V18 | Диод LL4148 | 2 | Vishay |
|  | V19, V20 | Транзистор BC850-40.215 | 2 | NXP  Semiconductor |
|  | V21-26 | Оптопрерыватель OPB620 | 6 | TT  ELECTRONICS |
|  | V27 | Диод GS2B | 1 | Yangjie  Technology |
|  |  |  |  |  |
|  | X1 | Розетка 09 56 161 7713 | 1 | HARTING |
|  | X2 | Розетка 09 45 551 1103 | 1 | HARTING |
|  | X3 | Вилка IDC-06MS | 1 |  |
|  | X4, X5 | Клеммник KLS2-142V-5.08-04P 4 | 2 | KLS |
|  | X6 | Клеммник KLS2-142V-5.08-05P 4 | 1 | KLS |
|  | X7 | Вилка IDC-10MS | 1 | CONNFLY |
|  |  |  |  |  |
|  | 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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