| **Позиционное обозначение** | **Обозначение**  ("Part Number" "Производитель" "Описание" "Корпус") | **Кол.** | **Прим.** |
| --- | --- | --- | --- |
|  |  |  |  |
|  | *Конденсатор SMD* |  |  |
| C1, C5, C7, C30 | GA355DR7GF472KW01; muRata; 4700pF 250V(rms) 10% X7R X1/Y2; SMD2220 | 4 |  |
| C2, C3, C26, C29 | 1808GC152KAT; muRata; 1.5nF 2kV 10% X7R; SMD1808 | 4 |  |
| C4, C16, C24, C33 | GRM43DR72J104K; muRata; 0.1uF 630V 10% X7R; SMD1812 | 4 |  |
| C34, C35, C48, C49 | GRM1885C2A101JA01; muRata; 100pF 100V 5% NP0; SMD0603 | 4 |  |
| C36, C45, C50, C59 | GRM32ER72A225K; muRata; 2.2uF 100V 10% X7R; SMD1210 | 4 |  |
| C37, C38, C39, C41, C44, C47, C51, C52, C53, C57, C58, C61 | GRM188R71H104K; muRata; 0.1uF 50V 10% X7R; SMD0603 | 12 |  |
| C40, C42, C43, C46, C54, C55, C56, C60 | GRM31MR61E106M; muRata; 10uF 25V 20% X5R; SMD1206 | 8 |  |
| C62, C63 | GRM188R71E105KA12; muRata; 1uF 25V 10% X7R; SMD0603 | 2 |  |
|  |  |  |  |
|  | *Конденсатор электролитический* |  |  |
| C6, C8, C9, C10, C11, C12 | LG450M0470BPF-3545; YAGEO; 470uF 450VDC 105C D35 H45; Radial LS=10 | 6 |  |
|  |  |  |  |
|  | *Конденсатор пленочный* |  |  |
| C15, C17 | MKP1J042207G00; WIMA; MKP10 2.2uF 630V +-20% L41.5 H39.5 W20 LS=37.5; Radial LS=37.5 | 2 |  |
|  |  |  |  |
|  | *Микросхема* |  |  |
| DA1, DA4 | IRS21844SPBF; International Rectif; Half-Bridge Driver; SO-14 | 2 |  |
| DA3, DA6 | TLV1117-50IDCY; Texas Instruments; Voltage regulator 5V 800mA; SOT-223 | 2 |  |
| DD1, DD2 | ADUM3200ARZ; Analog Device; 2xDigital Isolator 1Mbps; SO-8 | 2 |  |
|  |  |  |  |
|  | *Преобразователь DC-DC* |  |  |
| DD3, DD4 | TMV1215S; TRACO POWER; 1W 12 to 15VDC 65mA 3kViso; SIP-7 | 2 |  |
|  |  |  |  |
|  | *Радиатор* |  |  |
| HS1, HS2, HS3, HS4 | C40-058-VE; OHMITE; C40 S=41180mm2 L=58mm (TO-247 TO-264 SOT227); | 4 |  |
|  |  |  |  |
|  | *Дроссель SMD* |  |  |
| L9, L10 | DLW5BSM302SQ2; muRata; 3000R (100MHz) 0.5A 0.3R common mode; SMD | 2 |  |
|  |  |  |  |
|  | *Резистор SMD* |  |  |
| R2, R3, R8, R9 | CRCW25124R70FK; VISHAY; 4R7 +-1%; SMD2512 | 4 |  |
| R17, R18, R25, R26 | CRCW0603100RFK; VISHAY; 100R +-1%; SMD0603 | 4 |  |
| R19, R23, R27, R31 | CRCW12066R20FK; VISHAY; 6R2 +-1%; SMD1206 | 4 |  |
| R20, R24, R28, R32 | CRCW12061R00FK; VISHAY; 1R +-1%; SMD1206 | 4 |  |
| R21, R29 | CRCW080549R9FK; VISHAY; 49R9 +-1%; SMD0805 | 2 |  |
| R22, R30 | CRCW06030000Z0; VISHAY; 0R; SMD0603 | 2 |  |
|  |  |  |  |
|  | *Диод выводной* |  |  |
| VD2, VD3, VD5, VD6 | STTH4R02S; STMicroelectronics; Vr=200V If=4A; SMC | 4 |  |
|  |  |  |  |
|  | *Диод SMD* |  |  |
| VD10, VD13, VD15, VD18 | ES1B; VISHAY; Vr=100V If=1A; DO-214AC | 4 |  |
| VD11, VD12, VD16, VD17 | US1M; VISHAY; Vr=1000V If=1A; DO-214AC | 4 |  |
|  |  |  |  |
|  | *Стабилитрон SMD* |  |  |
| VD14, VD19 | BZV55-C16; NXP; 0.5W Vz=16V +-5%; SOD80C | 2 |  |
|  |  |  |  |
|  | *Транзистор выводной* |  |  |
| VT1, VT2, VT3, VT4 | IRG4PC40UDPBF; International Rectif; IGBT 600V 40A; TO-247AC | 4 |  |
|  |  |  |  |
|  | *Вилка* |  |  |
| X1, X2 | B04P-NV; JST; NV 4 конт LS=5.0 10A 250V PCB; | 2 |  |
| X3, X5, X6, X9 | 63849-1; TE Connectivity; Ножевая Латунь Луженая 6.3х0.8 PCB hole; | 4 |  |
| X4 | B3P-VH; JST; VH 3 конт LS=3.96 10A 250V PCB; | 1 |  |
| X7, X8 | 35362-0650; Molex; Sherlock 6 конт LS=2 2A 125V PCB; | 2 |  |
|  |  |  |  |