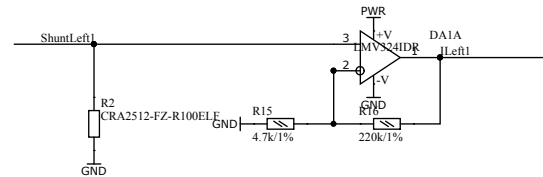
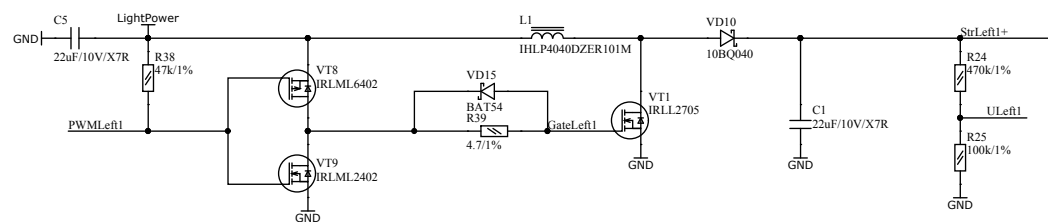


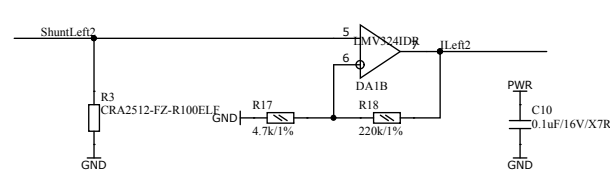
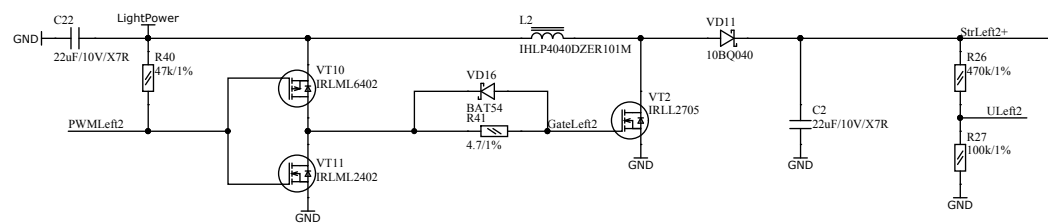
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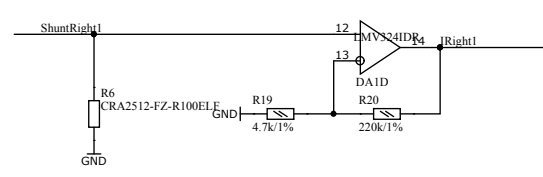
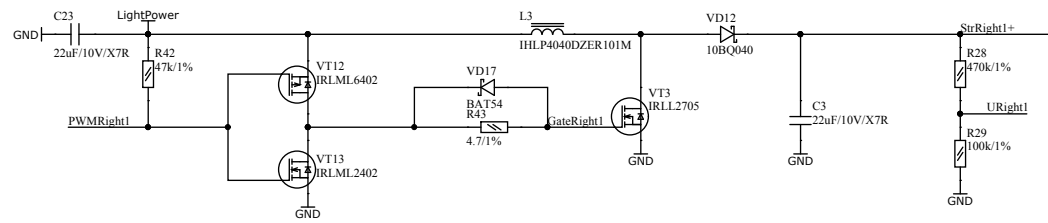
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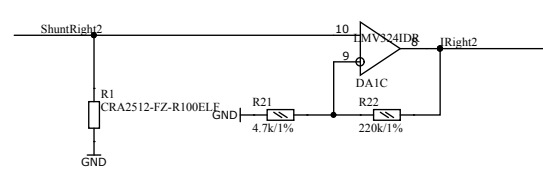
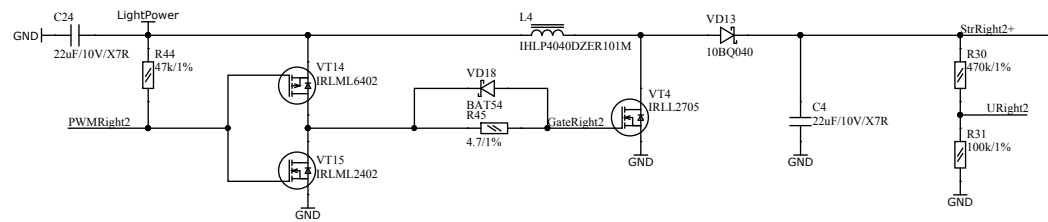
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C



D



| Title |   |          |
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| Comment            | Designator                                       | Quantity | Описание                  |
|--------------------|--|----------|---------------------------|
| 22uF/10V/X7R       | C1, C2, C3, C4, C5, C8, C22, C23, C24            | 9        | Конденсатор SMD 1206      |
| 0.22u/10V/X7R      | C6, C7, C12, C13                                 | 4        | Конденсатор SMD 0603      |
| 0.1uF/16V/X7R      | C10, C11, C14, C15, C16, C17, C18, C19, C20, C21 | 10       | Конденсатор SMD 0603      |
| LMV324IDR          | DA1  | 1        | Микросхема SO14           |
| TPS71533DCKR       | DA2  | 1        | Микросхема SOT323-5       |
| TPS28225D          | DA3  | 1        | Микросхема SO8            |
| STM32L052C6T       | DD1  | 1        | Микросхема LQFP48         |
| IHLP4040DZER101M   | L1, L2, L3, L4, L5                               | 5        | Индуктивность SMD 2525    |
| CRA2512-FZ-R100ELF | R1, R2, R3, R6                                   | 4        | Резистор SMD 2512         |
| 4.7k/1%            | R4, R5, R15, R17, R19, R21, R33                  | 7        | Резистор SMD 0603         |
| 100/1%             | R7   | 1        | Резистор SMD 0603         |
| 100/5%             | R8   | 1        | Резистор SMD 0603         |
| 220k/1%            | R16, R18, R20, R22, R23, R35, R36, R46           | 8        | Резистор SMD 0603         |
| 470k/1%            | R24, R26, R28, R30, R37                          | 5        | Резистор SMD 0603         |
| 100k/1%            | R25, R27, R29, R31, R32, R47                     | 6        | Резистор SMD 0603         |
| CRA2512-FZ-R010ELF | R34  | 1        | Резистор SMD 2512         |
| 47k/1%             | R38, R40, R42, R44                               | 4        | Резистор SMD 0603         |
| 4.7/1%             | R39, R41, R43, R45                               | 4        | Резистор SMD 0603         |
| TC-3121            | S1, S2, S3                                       | 3        | Кнопка                    |
| INA138NA           | VA1  | 1        | Микросхема SOT23-5        |
| L-119EGWT          | VD9  | 1        | Светодиод красный/зеленый |
| 10BQ040            | VD10, VD11, VD12, VD13                           | 4        | Диод SMB                  |
| 30BQ040            | VD14   | 1        | Диод SMC                  |
| BAT54              | VD15, VD16, VD17, VD18, VD19, VD20               | 6        | Диод SOT23                |
| IRLL2705           | VT1, VT2, VT3, VT4, VT5, VT6                     | 6        | Транзистор SOT223         |
| IRF7410            | VT7  | 1        | Транзистор SO8            |
| IRLML6402          | VT8, VT10, VT12, VT14                            | 4        | Транзистор SOT23          |
| IRLML2402          | VT9, VT11, VT13, VT15                            | 4        | Транзистор SOT23          |
| PDTA143ET          | VT16, VT17                                       | 2        | Транзистор SOT23          |
| MOLEX 47346-0001   | X1   | 1        | Разъем USB micro          |
| PLD-6-SWD          | X2   | 1        | Разъем программатора      |
| ConnectorMainSide  | X3, X4   | 2        |                           |
|                    |  |          |                           |

