

| Reference   | Value           | Quantity | Link  |   |
|---|-----------------|----------|---|---|
| C1 C2   | 10uF            | 2        | <a href="https://www.mouser.co.uk/ProductDetail/667-EEE-FP1E100AR">https://www.mouser.co.uk/ProductDetail/667-EEE-FP1E100AR</a>       | <a href="https://www.mouser.co.uk/ProductDetail/667-EEE-HBE100UAF">https://www.mouser.co.uk/ProductDetail/667-EEE-HBE100UAF</a> |
| C10   | 33nF            | 1        | <a href="https://www.mouser.co.uk/ProductDetail/710-885012207069">https://www.mouser.co.uk/ProductDetail/710-885012207069</a>         |   |
| C11   | 2u2             | 1        | <a href="https://www.mouser.co.uk/ProductDetail/963-UMK212BB7225KG-T">https://www.mouser.co.uk/ProductDetail/963-UMK212BB7225KG-T</a> |   |
| C3 C4 C5 C6 C7 C8 C9  | 100nF           | 7        | <a href="https://www.mouser.co.uk/ProductDetail/80-C0805C104M3R">https://www.mouser.co.uk/ProductDetail/80-C0805C104M3R</a>           |   |
| D1 D2   | STPS1L30U       | 2        | <a href="https://www.mouser.co.uk/ProductDetail/511-STPS1L30U">https://www.mouser.co.uk/ProductDetail/511-STPS1L30U</a>               |   |
| D16 D17   | 6V8             | 2        | <a href="https://www.mouser.co.uk/ProductDetail/621-BZT52C6V8-F">https://www.mouser.co.uk/ProductDetail/621-BZT52C6V8-F</a>           |   |
| D21   | SSL_LX30FT14IGW | 1        | <a href="https://www.mouser.co.uk/ProductDetail/696-SSLX30FT14IG">https://www.mouser.co.uk/ProductDetail/696-SSLX30FT14IG</a>         | <a href="https://www.mouser.co.uk/ProductDetail/696-SSL-LX3044IGW">https://www.mouser.co.uk/ProductDetail/696-SSL-LX3044IGW</a> |
| D3  | LM4040-5V       | 1        | <a href="https://www.mouser.co.uk/ProductDetail/522-LM4040D50FTA">https://www.mouser.co.uk/ProductDetail/522-LM4040D50FTA</a>         |   |
| D4 D5   | LM4040-2V5      | 2        | <a href="https://www.mouser.co.uk/ProductDetail/522-LM4040D25FTA">https://www.mouser.co.uk/ProductDetail/522-LM4040D25FTA</a>         |   |
| D7 D6 D10 D11 D12 D13 D14 D15                                 | 1N4148          | 8        | <a href="https://www.mouser.co.uk/ProductDetail/78-1N4148W-E3-18">https://www.mouser.co.uk/ProductDetail/78-1N4148W-E3-18</a>         |   |
| D8 D9   | BAT48           | 2        | <a href="https://www.mouser.co.uk/ProductDetail/511-BAT48ZFILM">https://www.mouser.co.uk/ProductDetail/511-BAT48ZFILM</a>             |   |
| J1  | EURO_PWR_2x5    | 1        | <a href="https://www.mouser.co.uk/ProductDetail/710-61201021621">https://www.mouser.co.uk/ProductDetail/710-61201021621</a>           |   |
| J2 J3 J4 J5   | PJ301M-12       | 4        | <a href="https://www.thonk.co.uk/shop/thonkiconn/">https://www.thonk.co.uk/shop/thonkiconn/</a>                                       |   |
| JP1   | NO              | 1        | <a href="https://www.mouser.co.uk/ProductDetail/649-1012937890201BLF">https://www.mouser.co.uk/ProductDetail/649-1012937890201BLF</a> |   |
| L1 L2   | BLM21PG221SN1D  | 2        | <a href="https://www.mouser.co.uk/ProductDetail/81-BLM21P221SG">https://www.mouser.co.uk/ProductDetail/81-BLM21P221SG</a>             |   |
| Q1  | DMMT3906        | 1        | <a href="https://www.mouser.co.uk/ProductDetail/621-DMMT3906W-F">https://www.mouser.co.uk/ProductDetail/621-DMMT3906W-F</a>           |   |
| Q2  | DMMT3904        | 1        | <a href="https://www.mouser.co.uk/ProductDetail/621-DMMT3904W-F">https://www.mouser.co.uk/ProductDetail/621-DMMT3904W-F</a>           |   |
| R5 R12 R20 R21 R22 R24 R38 R41 R42 R47<br>R48 R49 R50 R51 R53 | 100K            | 15       | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1003V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1003V</a>       |   |
| R4 R6 R9  | 10K             | 3        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1002V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1002V</a>       |   |
| R23 R25 R26 R28   | 130K            | 4        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1303V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1303V</a>       |   |
| R54 R55   | 17K4            | 2        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1742V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1742V</a>       |   |
| R1 R7 R8 R17 R36  | 1K              | 5        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1001V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1001V</a>       |   |
| R10 R11   | 1M              | 2        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1004V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF1004V</a>       |   |
| R15   | 220R            | 1        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF2200V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF2200V</a>       |   |
| R43 R44 R45 R46   | 27K             | 4        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF2702V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF2702V</a>       |   |
| R19 R27   | 2K2             | 2        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF2201V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF2201V</a>       |   |
| R16 R18 R52   | 470R            | 3        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF4700V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF4700V</a>       |   |
| R31 R34 R35 R37   | 47K             | 4        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF4702V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF4702V</a>       |   |
| R2 R3 R32 R33 R39 R40   | 4K7             | 6        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF4701V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF4701V</a>       |   |
| R29 R30   | 51K             | 2        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF5102V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF5102V</a>       |   |
| R13 R14   | 680R            | 2        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF6800V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF6800V</a>       |   |
| R56 R57   | 82K5            | 2        | <a href="https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF8252V">https://www.mouser.co.uk/ProductDetail/667-ERJ-6ENF8252V</a>       |   |
| RV1 RV2   | B100K           | 2        | <a href="https://www.mouser.co.uk/ProductDetail/652-3296W-1-104LF">https://www.mouser.co.uk/ProductDetail/652-3296W-1-104LF</a>       | <a href="https://www.mouser.co.uk/ProductDetail/81-PV36W104C01B00">https://www.mouser.co.uk/ProductDetail/81-PV36W104C01B00</a> |
| RV3 RV4 RV5 RV6 RV7 RV8                                       | B100K           | 6        | <a href="https://www.thonk.co.uk/shop/tpots/">https://www.thonk.co.uk/shop/tpots/</a>   |   |
| U1  | OPA4196         | 1        | <a href="https://www.mouser.co.uk/ProductDetail/595-OPA4196IDR">https://www.mouser.co.uk/ProductDetail/595-OPA4196IDR</a>             |   |
| U2  | TL074           | 1        | <a href="https://www.mouser.co.uk/ProductDetail/595-TL074IDR">https://www.mouser.co.uk/ProductDetail/595-TL074IDR</a>                 |   |
| U3  | TL072           | 1        | <a href="https://www.mouser.co.uk/ProductDetail/595-TL072IDR">https://www.mouser.co.uk/ProductDetail/595-TL072IDR</a>                 |   |
|   | 2 pin jumper    | 1        | <a href="https://www.mouser.co.uk/ProductDetail/855-M7582-05">https://www.mouser.co.uk/ProductDetail/855-M7582-05</a>                 |   |
|   | M2 15mm screw   | 1        | <a href="https://www.accu.co.uk/en/pan-head-screws/6944-SFP-M2-16-A2">https://www.accu.co.uk/en/pan-head-screws/6944-SFP-M2-16-A2</a> |   |
|   | M2 nuts         | 3        | <a href="https://www.accu.co.uk/en/hexagon-nuts/7884-HPN-M2-A2">https://www.accu.co.uk/en/hexagon-nuts/7884-HPN-M2-A2</a>             |   |