

## Sheet1

| Name | Value      | Case             | Article number            | Distributor | Price  | Notes                      |
|------|------------|------------------|---------------------------|-------------|--------|----------------------------|
| C1   | 220µF      | C_ELKO_RM3,5_DM8 | P12383-ND                 | Digikey     | 0,61 € | Alternative: 732-8741-1-ND |
| C2   | 10µF       | 0805             | 490-10748-1-ND            | Digikey     | 0,17 € |                            |
| C3   | 100nF      | 0805             | KEM X7R0805 100N          | Reichelt    | 0,02 € |                            |
| C4   | 100nF      | 0805             | KEM X7R0805 100N          | Reichelt    | 0,02 € |                            |
| C5   | 4,7µF      | C_ELKO_RM3,5_DM8 | P5333-ND                  | Digikey     | 0,54 € |                            |
| C6   | 100nF      | 1206             | 445-7758-1-ND             | Digikey     | 0,76 € | High voltage (450V)        |
| D1   | ES2G       | DO214AC          | 1801-ES2GACT-ND           | Digikey     | 0,60 € |                            |
| IC1  | MAX1771CSA | SO8_SOT96-1      | MAX1771CSA+CT-ND          | Digikey     | 7,51 € |                            |
| K1   | VCC        | 1X02-90          | SL 1X40W 2,54             | Reichelt    | 0,30 € |                            |
| K2   | GND        | 1X02-90          | see above                 |             |        |                            |
| K3   | SHDN       | 1X01-90          | see above                 |             |        |                            |
| K4   | OUT        | 1X02-90          | see above                 |             |        |                            |
| L1   | 100µH      | PIS4728          | SRR1260A-101MCT-ND        | Digikey     | 1,36 € |                            |
| R1   | 10K        | 0805             | SMD-0805 10,0K            | Reichelt    | 0,03 € |                            |
| R2   | 47K        | 0805             | SMD-0805 47,0K            | Reichelt    | 0,03 € |                            |
| R3   | 50m        | 2512_R           | 4506-MCSF2512FR050Q9CT-ND | Digikey     | 0,42 € |                            |
| R4   | 1,5M       | 1206             | 541-RCV12061M50JNEACT-ND  | Digikey     | 0,23 € | High voltage (800V)        |
| R5   | 10K        | 0805             | SMD-0805 10,0K            | Reichelt    | 0,03 € |                            |
| R6   | 5K         | TC33             | C33X-502ECT-ND            | Digikey     | 0,30 € |                            |
| T1   | STD12N50   | DPAK             | 497-15307-1-ND            | Digikey     | 2,42 € |                            |
| T2   | BC847C     | SOT23/3          | BC 847C DIO               | Reichelt    | 0,02 € |                            |
| PCB  |            |                  |                           | MP          | 5,00 € |                            |
|      |            |                  |                           |             | Total: | 20,34 €                    |