

# SID Board parts list



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## Parts List

| Description      | Type       | Quantity | Reichelt Ref   | Mouser Ref      | Digikey Ref |
|------------------|------------|----------|----------------|-----------------|-------------|
| 74HC595          | IC         | 2        | 74HC 595       | 595-SN74HC595N  |             |
| BC547            | Transistor | 1        | BC 547C        | 512-BC547BTA    |             |
| Rectifier        | Rect       | 1        | B80C800RUND    | 625-B80C800G-E4 |             |
| 78L12            | VR         | 1        | uA 78L12       | 512-LM78L12ACZ  |             |
| 1 kΩ             | Resistor   | 2        | 1/4W 1.0k      | 291-1K-RC       |             |
| 10 kΩ            | Resistor   | 1        | 1/4W 10k       | 291-10K-RC      |             |
| 470 pF           | Capa Ceram | 1        | Kerko 470p     | 80-C315C471G5G  |             |
| Syro 470 pF 2.5% |            | 2        | Styroflex 470p |                 |             |
| 1 nF             | Capa Ceram | 2        | Kerko 1,0n     |                 |             |
| 100 nF           | Capa Ceram | 4        | Z5U-2,5 100n   |                 |             |
| 330 nF           | Capa Ceram | 1        | MKS-2 330n     |                 |             |
| 1 μF/16V         | Capa Elec  | 1        | rad 1/63       |                 |             |
| 10 μF/16V        | Capa Elec  | 2        | rad 10/35      |                 |             |
| 2200 μF/25V(!)   | Capa Elec  | 1        | rad 2.200/25   |                 |             |
| SID Sockets      | Socket     | 1        | GS 28          | 653-XR2A-2811-N |             |
| 74HC595 Sockets  | Socket     | 2        | GS 16          | 653-XR2A-1611-N |             |
| SIL              | PinHeader  | 1        | SL 1X40G 2,54  |                 |             |
| DIL              | PinHeader  | 1        | SL 2X40G 2,54  |                 |             |

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