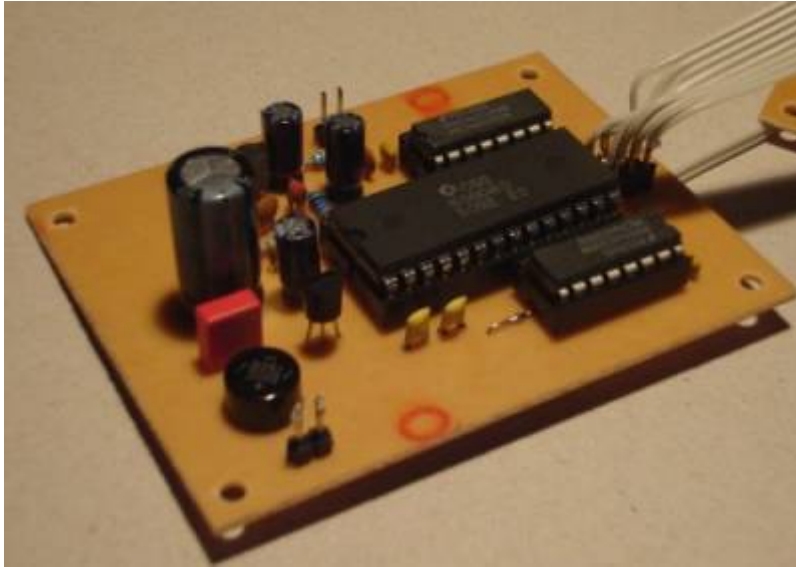


SID Board parts list



[Official Ucapps Page](#)

Parts List

| Description | Type | Quantity | Reichelt Ref | Mouser Ref | Digikey Ref |
|--------------------|------------|----------|----------------|-----------------|-------------|
| MOS 6581/6582/8580 | IC | 1 | / | / | / |
| 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 | | |

Datasheets

- [74HC595](#)
- [MOS 6581](#)
- [MOS 6582](#)

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