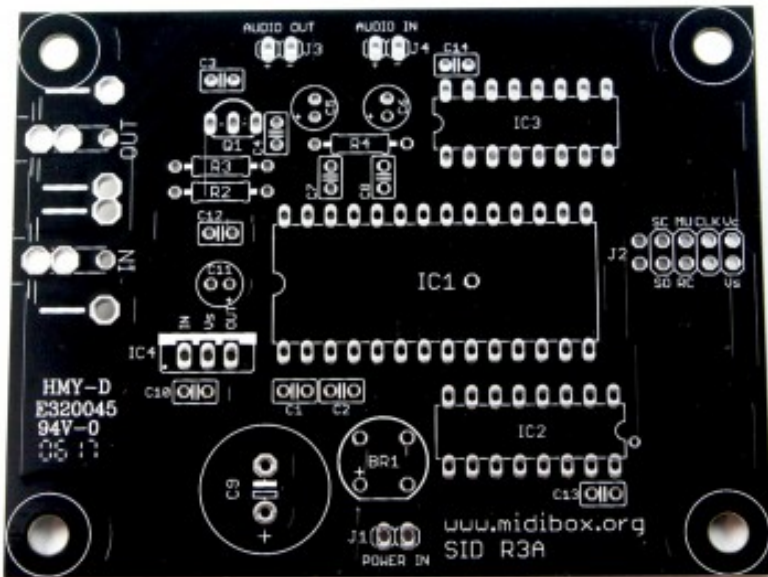
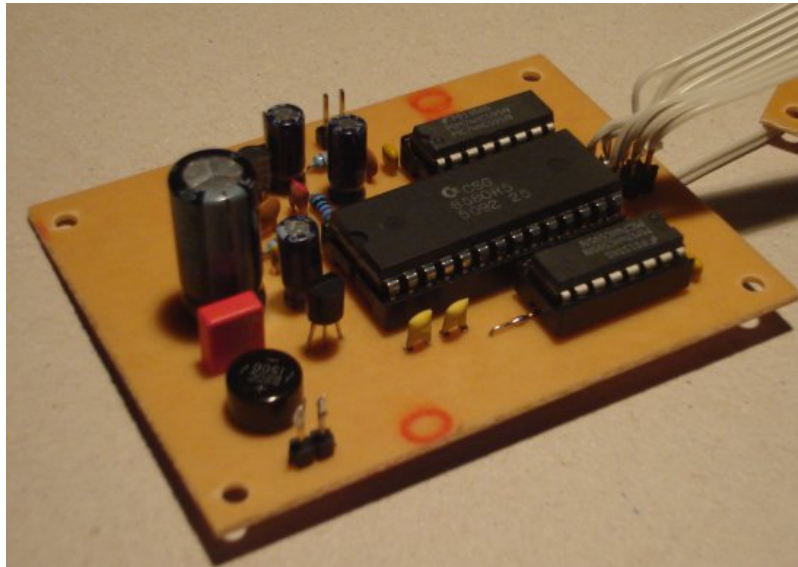


# SID Board parts list



- [Official Ucapps Page](#)
- [SID Schematic](#)<sup>UCapps</sup>

## 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 k $\Omega$	Resistor	2	1/4W 1.0k	291-1K-RC	
10 k $\Omega$	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	23PS147	
1 nF	Capa Ceram	2	Kerko 1,0n	80-C320C102J5G	
100 nF	Capa Ceram	4	Z5U-2,5 100n	80-C412C104K5R	
330 nF	Capa Ceram	1	MKS-2 330n	80-C320C334K5R9170-R	
1 $\mu$ F/16V	Capa Elec	1	rad 1/63		
10 $\mu$ F/16V	Capa Elec	2	rad 10/35		
2200 $\mu$ F/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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