

website: [techdenzwolle.nl](http://techdenzwolle.nl)

source code: [github.com/TechDenNL/GameConsole](https://github.com/TechDenNL/GameConsole)

a k  
LED01 LED02 LED03 LED04 LED05  
a k  
LED06 LED07 LED08 LED09 LED10  
a k  
LED11 LED12 LED13 LED14 LED15  
a k  
LED16 LED17 LED18 LED19 LED20  
a k  
LED21 LED22 LED23 LED24 LED25  
LED26 LED27 LED28 LED29 LED30

STAD  
KAMER

Up

SW2

Left

SW1

Right

SW4

SW3

Down

2180186A\_Y13\_220407



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a k  
LED1 LED2 LED3 LED4 LED5  
a k  
LED6 LED7 LED8 LED9 LED10  
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LED11 LED12 LED13 LED14 LED15  
a k  
LED16 LED17 LED18 LED19 LED20  
a k  
LED21 LED22 LED23 LED24 LED25  
a k  
LED26 LED27 LED28 LED29 LED30

STAD  
KAMER

Up

SW2

Left

SW1

SW3

Right

SW4



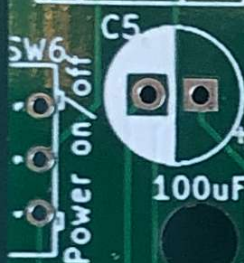
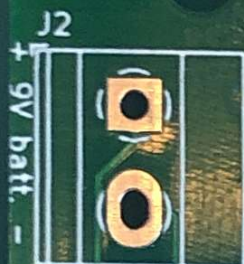




STAD  
KAMER

HENCE!!

Mounting on  
other side



max 12V

J1

U2

D1 78L05

K

22p

Y1

C3

XTAL 16MHz

K

22p

C4

ICSP

SW5

J4

Serial

gnd

C1 100nF

C2

P1 Buzzer

5V 9V

JP1

C6 100nF

BZ1

Buzzer 5V

HENCE!!

Mounting on

other side

HENCE!!

Mounting on

other side



STAD  
KAMER

HENCE!!

Mounting on  
other side

Serial

gnd

C1 100nF

Reset

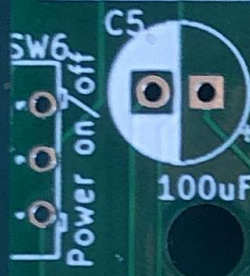
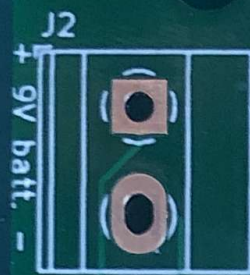
100nF

P1 Buzzer Volume

Buzzer 5V

HENCE!!  
Mounting on  
other side

BZ1



max 12V

J1

U2

Y1

22p

C3

XTAL 16MHz

K

D1 78L05

22p

C4

ICSP

SW5

R7

D2

R6

R1

R2

R3

R4

R5

JP1

5V 9V

JP1

100nF

100nF

100nF

100nF

100nF

100nF

100nF



STAD  
KAMER

HENCE!!

Mounting on  
other side

Serial

gnd

C1 100nF

Reset

ICSP

22p  
C4

100nF  
C2

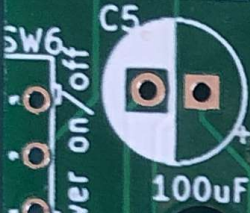
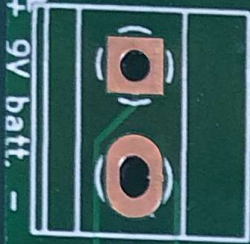
P1  
Buzzer  
Volume

Buzzer 5V

HENCE!!  
Mounting on  
other side

BZ1

J2



max 12V

J1

R5

R4

R3

R2

R1

R6

D2

R7

SW5

C1 100nF

Reset

ICSP

22p

C2

100nF

P1

Buzzer

Volume

16B000G10G

XTAL  
16MHz

22p

C3

Y1

C3

U2

D1 78L05

K

C6 100nF

JP1

5V 19V

3

JP1

HENCE!!

Mounting on

other side



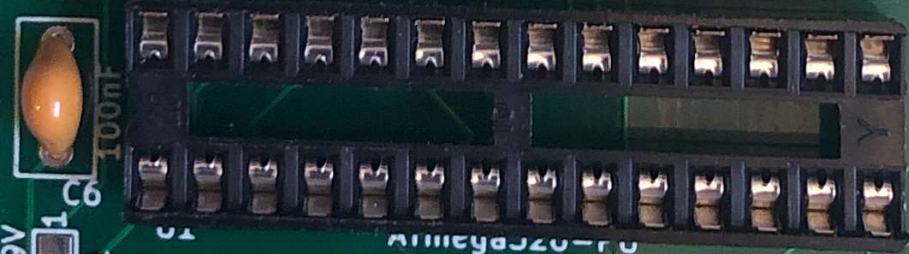
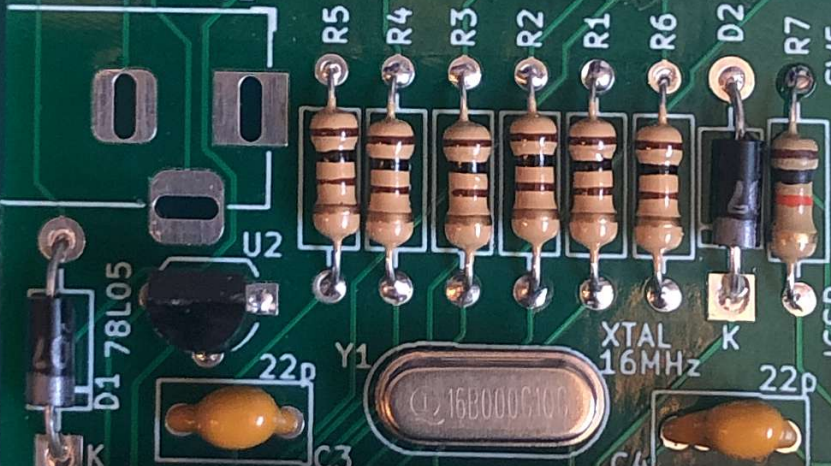
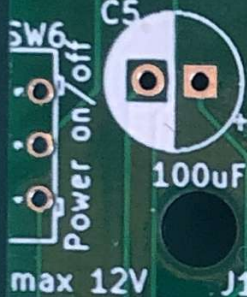
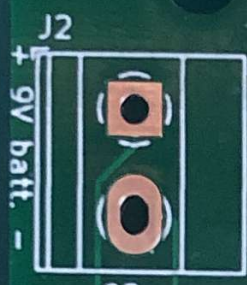
STAD  
KAMER

HENCE!!

Mounting on  
other side

Serial

gnd



HENCE!!  
Mounting on  
other side

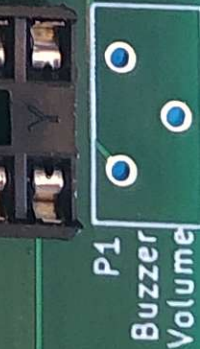
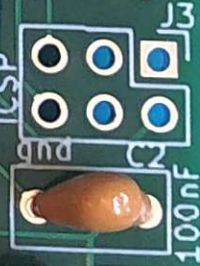
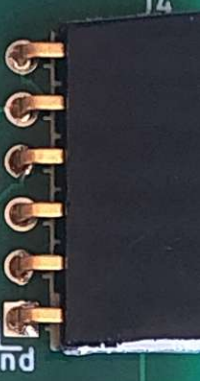
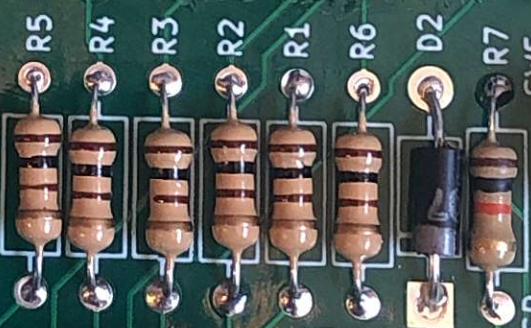
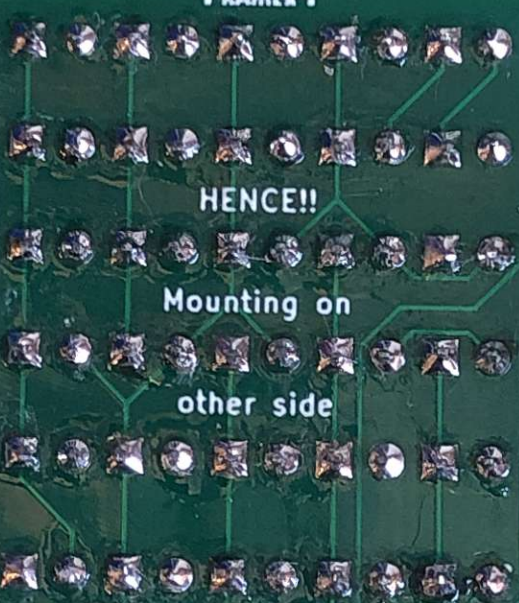
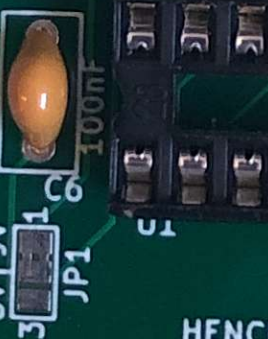
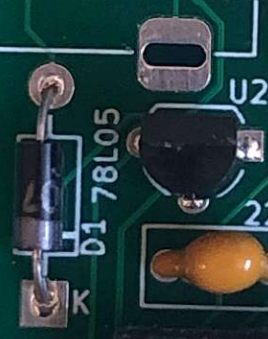
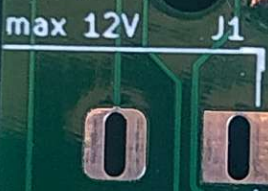
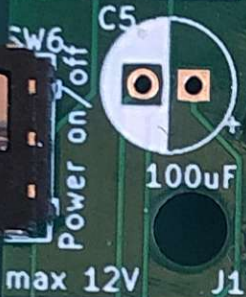
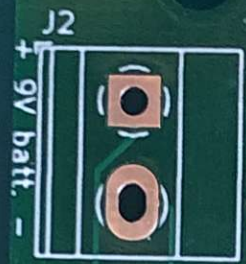


HENCE!!  
Mounting on  
other side

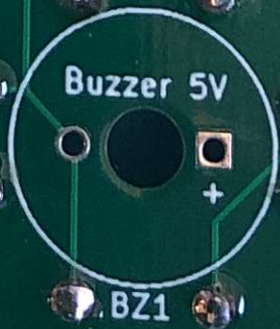
P1  
Buzzer  
Volume



STAD  
KAMER



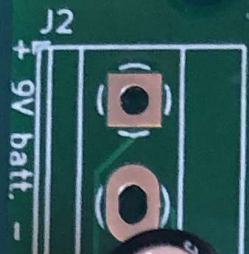
HENCE!!  
Mounting on  
other side



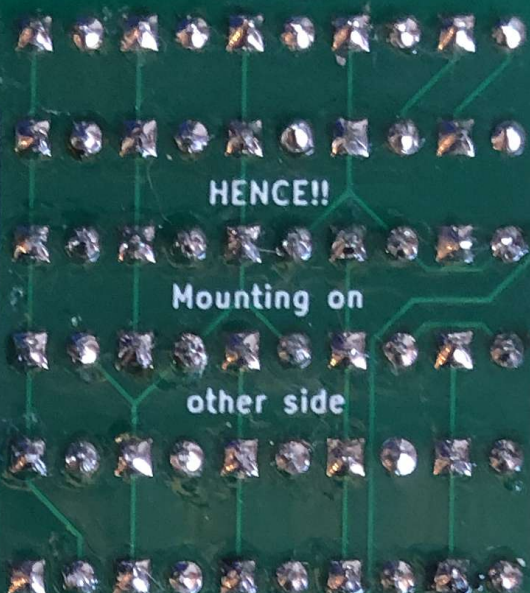
HENCE!!  
Mounting on  
other side



STAD  
KAMER



100uF



Serial

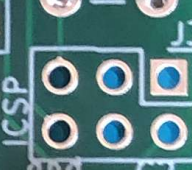
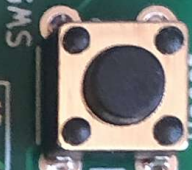
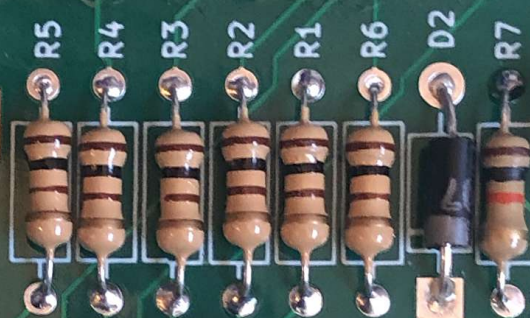


gnd



C1 100nF

max 12V



C2 100nF



D1 78L05



C3 22p



XTAL 16MHz



C4 22p



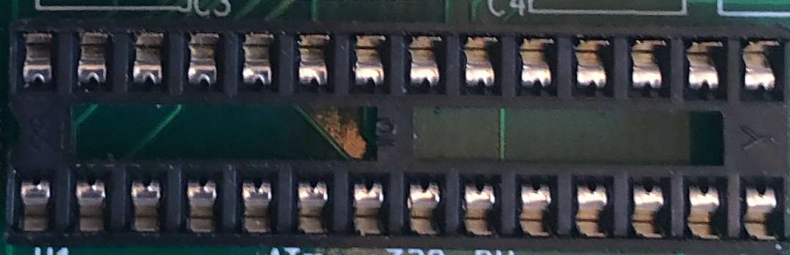
C6 100nF



C6 100nF



JP1



HENCE!!  
Mounting on  
other side



HENCE!!  
Mounting on  
other side

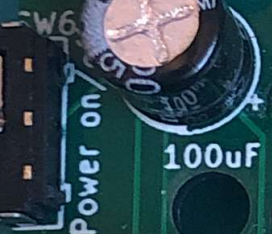
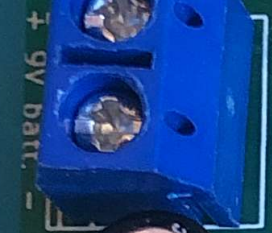
P1  
Buzzer  
Volume



STAD  
KAMER

HENCE!!

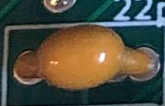
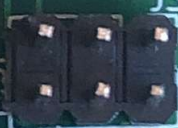
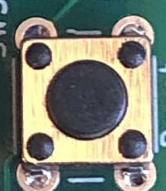
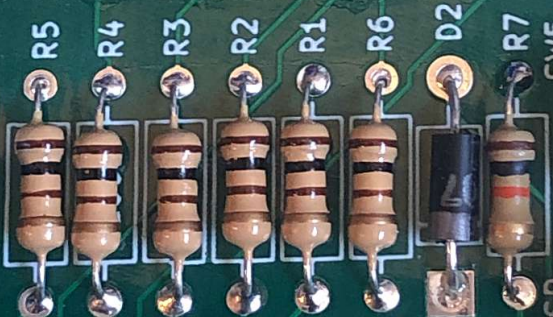
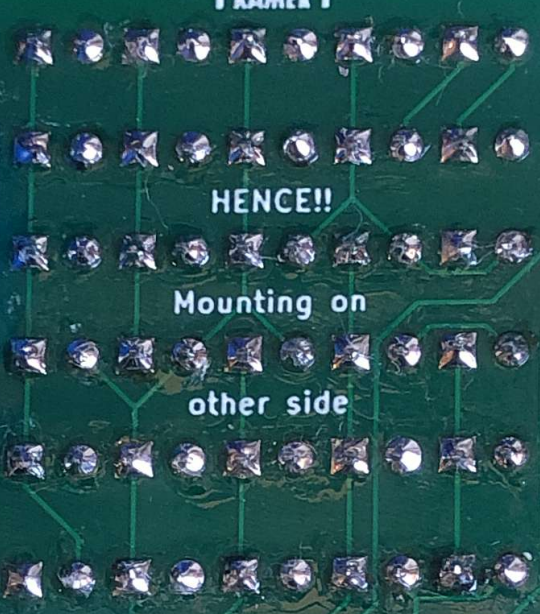
Mounting on  
other side



HENCE!!  
Mounting on  
other side



HENCE!!  
Mounting on  
other side



Buzze  
Volum



STAD  
KAMER

HENCE!!

Mounting on  
other side

Power on  
max 12V

100uF

Serial

gnd

C1 100nF

Reset

J3

C2 100nF

Buzzer

Volume

P4

HENCE!!  
Mounting on  
other side

HENCE!!  
Mounting on  
other side

16B000G10G

XTAL  
16MHz

Y1

22p

C3

22p

C4

C5

100nF

Atmega328P

ATMEL 35473D  
ATMEGA328P U  
2005H8M

5V 19V

JP1

C6

100nF

U1

U2

D1

78L05

K

U2

J1

max 12V

100uF

Power on

STAD

KAMER

HENCE!!

Mounting on

other side

Serial

gnd

C1 100nF

Reset

J3

C2 100nF

Buzzer

Volume

P4

HENCE!!

Mounting on

other side

Atmega328P

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ATMEGA328P U

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C1 100nF

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gnd

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Buzzer

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Mounting on

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ATMEGA328P U

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HENCE!!

Mounting on

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Atmega328P

ATMEL 35473D