

MAIN

NCM109 v1.0
GRA & AFCH
02-Jul-2017

HV5122PJ
GA1402PC

Warning!
High voltage!

Typ. HV=190V

ATmega328p

www.gra-afch.com

Battery
CR1220

ExUSB

D+ D- 5V

DS18B20

DATA

5V

GND

R26

C16

R27

C15

C4

L2

R28

C5

C12

R32

C11

C9

TP3

TP1

D15

U5

D20*

C10

R33

MODE

DOWN

UP

12V

TP3

TP1

D13

R8

uUSB

J2

BT1

IR

Out

5V

+

-

ExUp

ExDown

ExMode

U8

TL

U1

R1

R2

R3

R4

R5

T2

T3

T4

U2

CD4504B

C1

C3

C6

C14

C17

C18

C19

C20

C21

C22

C23

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