# NODE 2

CAN-BUS

I/O-board

TWI-bus
2-bit

Data-bus
8-bit

Arduino

analog
1-ch

BUZZER SIGNAL

BUZZER

TRIGGER

analog
1 ch

servo

MJ1
8-bit

MJ2
8-bit

SOLENOID

TRIGGER

IR

analog

1 ch

MOTOR BOX

ENCODER
6-bit

MOTOR

PING PONG BOARD

# NODE 1

CAN-BUS

RX/TX

MCP2551
CAN-transciever

MCP2515
CAN-controller

SPI-bus
4-bit

DVI-PORT

COM

MAX233

in/out

ATmega162

READ/WRITE

Data-bus
8-bit

Data-bus
8-bit

ADC

D-Latch

CS

Adr-bus
MSB
4-bit

Adr-bus
LSB
8-bit

Data-bus
8-bit

GAL

SRAM

CS

analog
4-ch

CS
OLED-
CMD

CS
OLED-
DATA

USB MULTIFUNCTION CARD