PS1
ROF-78E5.0-0.5SMD-R
+VIN 1   +VOUT 3
+5V
4 CTRL
GND 2
GND

C3
C4 220µF/16V
GND
100nF
GND
U2
DFR0299

R25
J11
1k
J12
1 VCC   BUSY 16
2 RX   USB- 15
3 TX   USB+ 14
4 DAC_R   ADKEY_2 13
5 DAC_L   ADKEY_1 12
6 SPK_1   IO_2 11
7 GND_1   GND_2 10
8 SPK_2   IO_1 9
LS1
Speaker
GND

D1..D6 = 2mA GN
D7, D8 = 2mA GE
D9 = 2mA RT
Right side

C1
100n
GND

C2
100n
GND

1 J27

U1
MAX485E
VCC 8
R4 R5 R6
10k 10k 10k
J14 J15
1 1

R1
680R
7 B   RO 1
6 A   RE 2
DE 3
DI 4
R2
120R
R3
680R
GND 5
GND

J1
Screw_Terminal_01x05
BBS:PinHeader_1x05_P2.54mm_Vertical
+9..36V 1
SDA / B 2
SCL / A 3
Shield   4
GND   5
GND

JP1
JP2
GND

TX1 30
RX1 1
2
VIN 17
3V3
+5V 27

J3 1 5 D2
J4 1 6 D3
J5 1 7 D4
J6 1 8 D5
9 D6
J2

RESET 3
RESET 28
1 J16
1 J17

AREF 18
1 J18

J7 1 10 D7
J8 1 11 D8
J9 1 12 D9
J10 1 13 D10

A0 19
A1 20
A2 21
A3 22
SDA/A4 23
SCL/A5 24
A6 25
A7 26

1 J19
1 J20
1 J21
1 J22
1 J23
1 J24
1 J25
1 J26

J11 1 14 MOSI
J12 1 15 MISO
J13 1 16 SCK

GND
4
A1
Arduino_Nano_Every
GND

R7   D1
J13 1k5 LED
R8   D2
J10 1k5 LED
R9   D3
J9   1k5 LED
R10 D4
J8   1k5 LED
R11 D5
J7   1k5 LED
R12 D6
J6   1k5 LED
R13 D7
J5   1k5 LED
R14 D8
J4   1k5 LED
R15 D9
J3   1k5 LED

Left side
R16 D10
1k5 LED
R17 D11
1k5 LED
R18 D12
1k5 LED
R19 D13
1k5 LED
R20 D14
1k5 LED
R21 D15
1k5 LED
R22 D16
1k5 LED
R23 D17
1k5 LED
R24 D18
1k5 LED

LED 2mA GN on Top
R?   D?
J26 1k5 LED

+5V
C?
100n
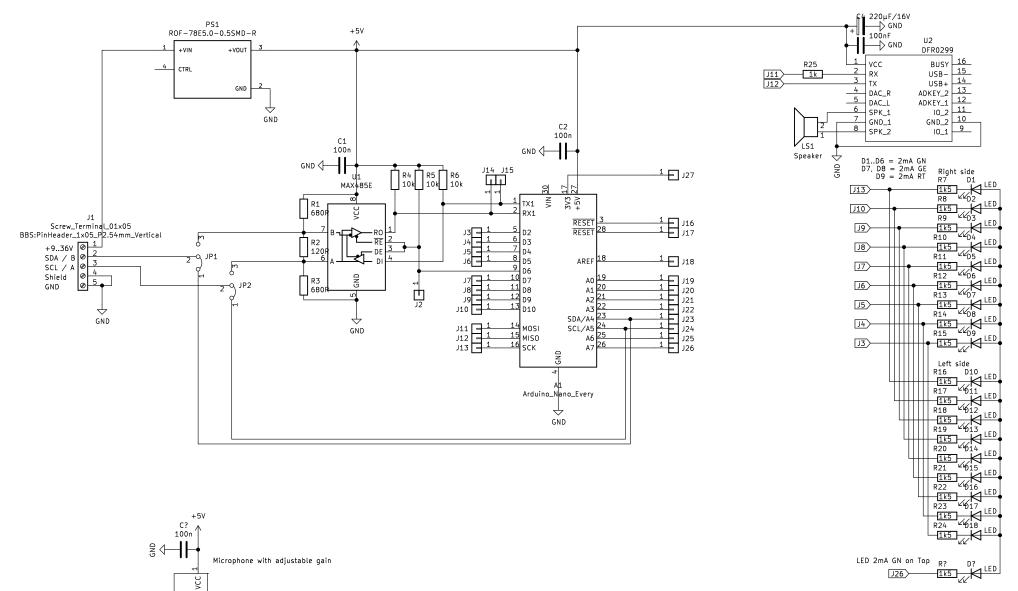GND

Microphone with adjustable gain

U?
Adafruit_MAX4466
VCC 1
OUT 3 J19
GND 2
GND

Eletronic gimmick for wagon DK with mp3-player and some kind of VU-Meter.
Can be controlled via I2C or RS485