daft-jukebox wiring

MOD100717
(sdcard)

CS
SCK
MOSI
MISO
Vcc
GND

5V

ESP32
(mcu)

GND1
36
39
34
35
32
33
25
26
27
14
12
13
GND2
Vin

23
22
1
3
21
19
18
5
17
16
4
2
15
GND3
3v3

MAX98357A
(dacRight)

LRC
CLK
Din
Gain
SD
GND
Vin

Out+

Out-

5V

Volumecontrol

3.3V

ST7735
(screen)

3.3V

Vcc
GND
CS
Reset
A0
SDA
SCK
LED

R_{out}

R_{out}

3.5mm Jack CTIA
(audioJack)

T

R1

R2

S

MAX98357A
(dacLeft)

LRC
CLK
Din
Gain
SD
GND
Vin

Out+

Out-

3.3V

110K   100K

5V

action R_{pullup} 3.3V

mcu pin 35

up

mcu pin 21

mcu pin 32   left

right

mcu pin 33

down

mcu pin 27