

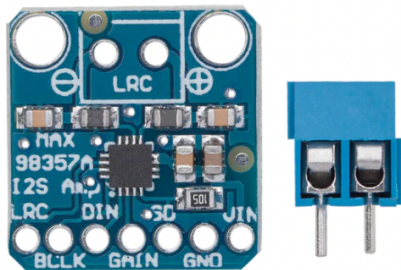
Pinout

MCU: ESP32 Dev-Kit Type C

MFRC522 – RFID Reader

Pinout MFRC522	Pinout ESP32
CS (SS/SDA)	15
SCK	14
MOSI	13
MISO	12
IRQ	not used
GND	GND
RST	27
VCC	3 V

MAX98357A – I2S DAC with integrated Amp



Pinout MAX98357A	Pinout ESP32
DOUT	17
BCLK	21
LRC	22
GND	GND
VCC	5 V (use onboard voltage to avoid noise from external power supply)

microSD Reader – HW-125

Pinout HW-125	Pinout ESP32
CS (SS)	5
SCK	18
MOSI	23
MISO	19
VCC	3 V
GND	GND

KY-04 – Rotary Encoder

Pinout KY-04	Pinout ESP32
CLK	26
SW	32
DOUT	25
VCC	3 V
GND	GND

Push Buttons (2x)

PUSH Button A	Pinout ESP32
Pin1	33
Pin2	GND
PUSH Button B	Pinout ESP32
Pin1	16
Pin2	GND