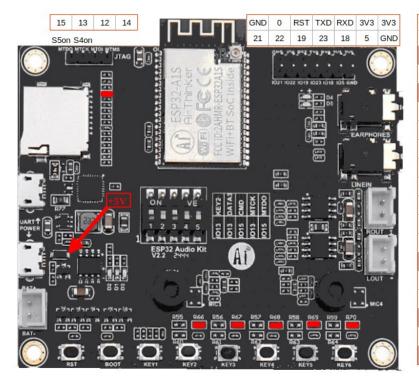
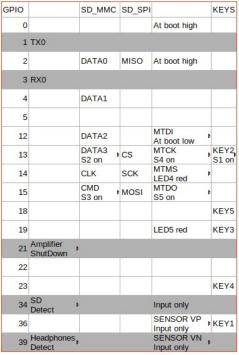
MWR-V2 / AI Thinker A1S Board









Remove R66(IO13) R67(IO19) R68(IO23) R69(IO18) R70(IO5) and R32(IO2)

Schematic

https://github.com/schreibfaul1/ESP32-audioI2S/blob/master/examples/ESP32-A1S/A1S.pdf

```
#ifdef CONFIG_IDF_TARGET_ESP32
      // Digital I/O used
            #define TFT_CS
#define TFT_DC
                                                        22
                                                        5
            #define TFT_BL
                                                        -1
            #define TP_IRQ
                                                        12
            #define TP_CS
                                                       13
            #define SD_MMC_D0 2 // cannot be changed #define SD_MMC_CLK 14 // cannot be changed #define SD_MMC_CMD 15 // cannot be changed
            #define SD_MMC_D0
#define SD_MMC_CLK
            #define IR_PIN
                                                        -1
                                               23 // TFT and TP (VSPI)
19 // TFT and TP (VSPI)
18 // TFT and TP (VSPI)
25 // pin 25 AC101, pin 26 ES8388
35 // pin not used
            #define TFT_MOSI
#define TFT_MISO
            #define TFT_SCK
             #define I2S_DOUT
            #define I2S_DIN
            #define I2S_BCLK
#define I2S_LRC
                                                        27
                                                        26 // pin 26 AC101, pin 25 ES8388
             #define I2S MCLK
            #define I2C_DAC_SDA
#define I2C_DAC_SCL
#define SD_DETECT
                                                        33 // some DACs are controlled via I2C
                                                        32
                                                        34 // some pins on special boards: Olimex, A1S ...
            #define HP_DETECT
                                                        39
            #define AMP_ENABLED
                                                       21
            #define BT_EMITTER_RX -1 // TX pin - KCX Bluetooth Transmitter #define BT_EMITTER_TX -1 // RX pin - KCX Bluetooth Transmitter #define BT_EMITTER_LINK -1 // high if connected #define BT_EMITTER_MODE -1 // high transmit - low receive
             #define BT_EMITTER_CONNECT -1 // awake after shutdown
#endif
```