

MWR-V2 / TTGO AudioT



```
// Digital I/O used
#define TFT_CS      32
#define TFT_DC      12 // if don't flash, solder 1k pulldown resistor against ground
#define TFT_BL      -1
#define TP_IRQ      39
#define TP_CS       4
#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 IR_PIN       -1
#define SPI_MOSI     5 // TFT and TP (VSPI)
#define SPI_MISO     13 // TFT and TP (VSPI)
#define SPI_SCK      23 // TFT and TP (VSPI)
#if DECODER == 0
#define VS1053_CS    -1
#define VS1053_DCS   -1
#define VS1053_DREQ  -1
#define VS1053_MOSI  -1 // VS1053      (HSPI)
#define VS1053_MISO  -1 // VS1053      (HSPI)
#define VS1053_SCK   -1 // VS1053      (HSPI) (sometimes we need a 1k resistor against ground)
#else
#define I2S_DOUT     26
#define I2S_DIN      27 // pin not used
#define I2S_BCLK     33
#define I2S_LRC      25
#define I2S_MCLK     0
#endif
#define I2C_DATA     19
#define I2C_CLK      18
#define SD_DETECT    -1 // some pins on special boards: Lyra, Olimex, A1S ...
#define HP_DETECT    -1
#define AMP_ENABLED  -1
```