

Voice effects manager, system connections

Power supply connections

STM32F4 Discovery	Power supply module
5v	IN
GND	GND
Not connected	3v3

Gesture module connections (APDS9960)

STM32F4 Discovery	Power supply module	APDS9960
PB1		INT
PB6		SCL
PB9		SDA
	3v3	VCC
GND	GND	GND
	3v3	VL

Microphone connections (MAX4466)

STM32F4 Discovery	Power supply module	MAX4466
PB0		Out
GND	GND	GND
	3v3	VCC

TFT connections (ILI9341)

STM32F4 Discovery	Power supply module	ILI9341
PA6		SDO (MISO)
	3v3	LED
PA5		SCK
PA7		SDI (MOSI)
PA2		DC
PA3		RESET
PA1		CS
GND	GND	GND
	3v3	VCC

Note: touch pins are left disconnected: T_IRQ, T_DO, T_DIN, T_CS, T_CLK