



Software Selectable Pins

Interface	Signal	Pin
EMAC	EMAC_RXD0	Any GPIO
	EMAC_MTD0	Any GPIO
	EMAC_MTD1	Any GPIO
	EMAC_CS0	Any GPIO
	EMAC_CS1	Any GPIO
I2C	I2C_EXT0_SCL	Any GPIO
	I2C_EXT0_SDA	Any GPIO
	I2C_EXT1_SCL	Any GPIO
	I2C_EXT1_SDA	Any GPIO
	I2C_EXT2_SCL	Any GPIO
General Purpose SPI	HSPICL0_M0	Any GPIO
	HSPICL0_M1	Any GPIO
	HSPICL0_M2	Any GPIO
	HSPICL0_M3	Any GPIO
	HSPICL0_M4	Any GPIO

Mounting Holes

GND ◀ M2
 GND ◀ M3

Internal Bootstrapping Resistors

Pin	Default	Voltage of Internal Bootstrapping Resistor
MTD0/GPIO2	Pull-Up	3.3V
GPIO0	Pull-Up	3.3V
GPIO2	Pull-Up	3.3V
GPIO4	Pull-Up	3.3V
MTD0/GPIO5	Pull-Up	3.3V
GPIO15	Pull-Up	3.3V

Bootstrapping Pins Settings

Pin	Default	Voltage of Internal Bootstrapping Resistor	Bootstrapping Mode	Bootstrapping Resistor
GPIO0	Pull-Up	3.3V	0	0
GPIO2	Pull-Up	3.3V	0	0
GPIO4	Pull-Up	3.3V	0	0
GPIO15	Pull-Up	3.3V	0	0

For more information refer to [esp_wroom_32_datarobot.com.pdf](http://esp-wroom-32.datarobot.com.pdf).