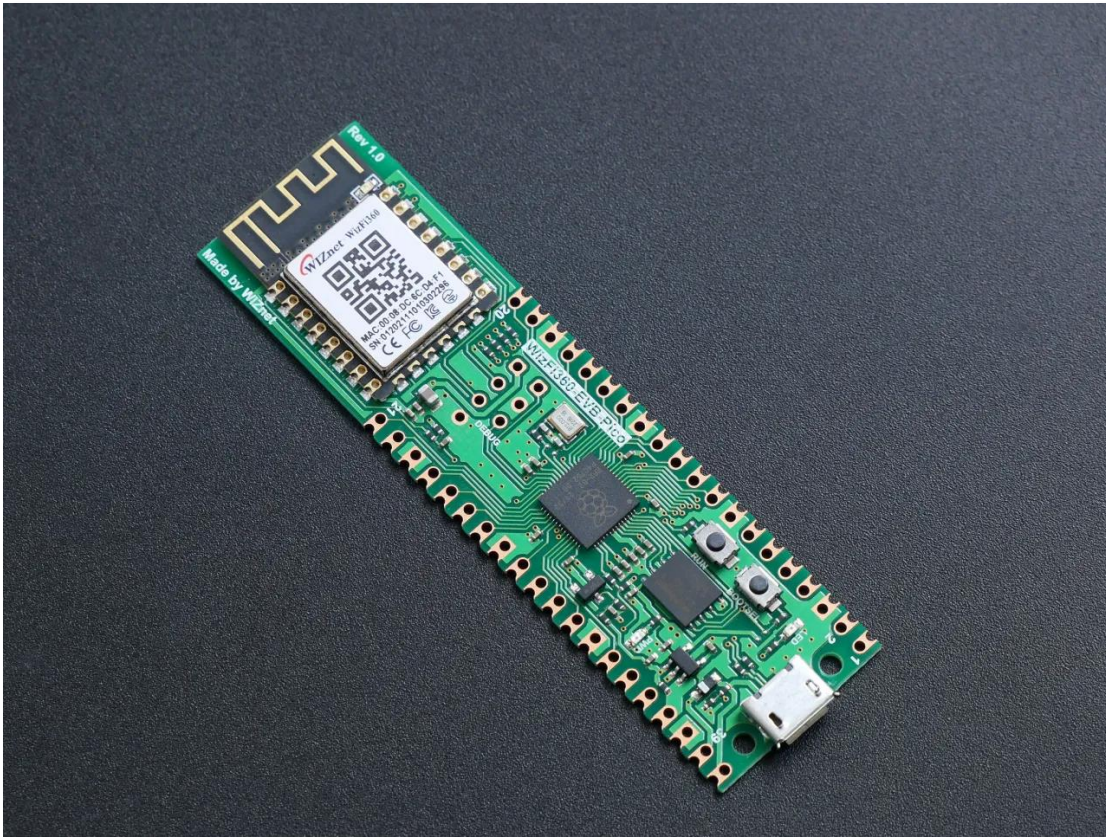




# Ivypots

PINOUT FOR THE CIRCUIT

Nayel Khouatra | Contest Wiznet Design 2022 | 21/10/22

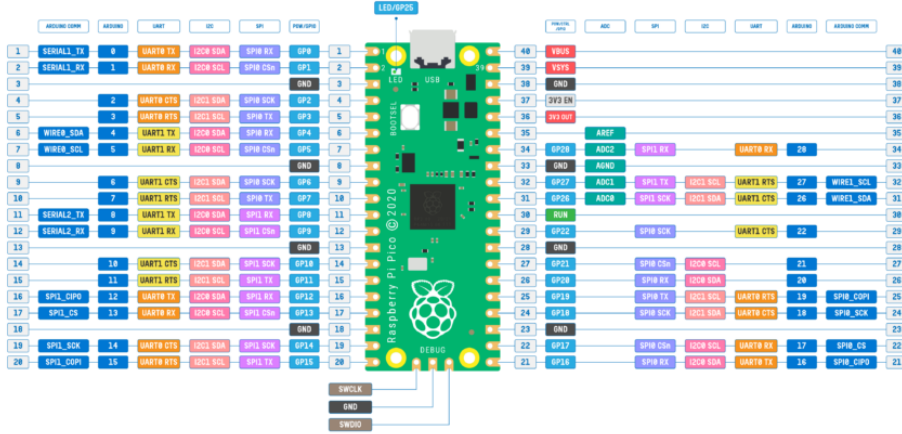


## Wizfi360-EVB-Pico

Since RP2040 is a perfectly timed product it wasn't long before everyone started making boards and modules using it. Even we are making a series of RP2040-based boards called Mitayi. More about that will be in an upcoming post. WIZnet, a South Korean semiconductor company, has introduced its new RP2040-based board by combining its WizFi360 pre-certified Wi-Fi module. WizFi360 is based on the W600 SoC from Winnermirco, a Chinese semiconductor company. The new development/evaluation board is called WizFi360-EVB-Pico.

# Raspberry Pico Pinouts :

## RASPBERRY PI PICO



\*Raspberry Pi and the Raspberry Pi logo are trademarks of Raspberry Pi Ltd. Raspberry Pi Pin header image is originally designed by Raspberry Pi. Please visit raspberrypi.com for more info.

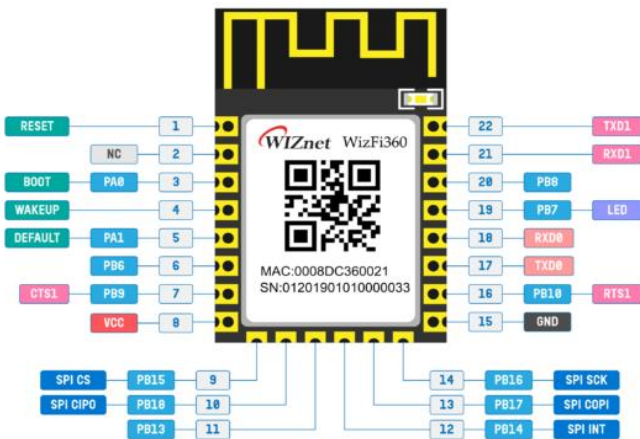
ARDUINO CORN	ARDUINO	UART	I2C	SPI	PWM/SPI
PHYSICAL PIN	POSITIVE SUPPLY	RESET/ENABLE	GROUND SUPPLY	GPIO PORT/PIN	ANALOG PIN
SWD Pins	UART1 Pins	UART0 Pins	I2C1 Pins	I2C0 Pins	SPI1 Pins
					SPI0 Pins

- EP25ABC3 is used to measure VDD1.
- EP25 is used by debug LEDs.
- EP25 is used for VDD1 sense.
- EP25 is connected to SWD/Power Sense pins.
- All GPIO pins support PWM. There are total 16 PWM channels.
- All GPIO pins support level and edge interrupts.
- Arduino pins are as per Arduino-Pico core by Earle F. Philhower. If pinwidth/show is used.
- Arduino's default Serial is the USB CDC of Pico.



# Wizfi360 PA Module :

## WIZnet WizFi360-PA



\*WIZnet and WIZnet logo are trademarks of WIZnet Co., Ltd.

SPI	LED	UART1
PHYSICAL	POSITIVE SUPPLY	UART0
CONTROL	GROUND SUPPLY	
GPIO PORT/PIN	NOT CONNECTED	

SPECIFICATIONS	
SoC	W580
Core Count	1
Family	ARM Cortex-M3
Clock Max.	80 MHz
Flash	1 MB
SRAM	288 KB
32-Bit Timer	6
GPIO	17
PWM Channels	5
ADC Channels	8
I2S	1
SPI	1
UART	2
I2C	1
SDIO	1
Voltage Range	3.3V



# Ivypots Circuits :

