

ESP32:

- 1) micro-controller chip with built-in WIFI and bluetooth.
- 2) developed by Espressif Systems.
- 3) Dual core processor → can run two tasks at the same time.
- 4) Low cost, low power micro controller
- 5) Ideal for IoT, robotics projects
- 6) 520 KB ~~32-bit~~ SRAM, up to 16 MB Flash
- 7) 34 GPIO pins
- 8) ADC (18 channels, 12-bit)
- 9) 2x DAC, PWM on all pins.