
UNO

User	Brain	Instruction Set	Why?	Extras
Arduino Uno	Atmega 328p	RISC	Lower cost Dev Board	Harvard Architecture


SCL
SDA
RESET

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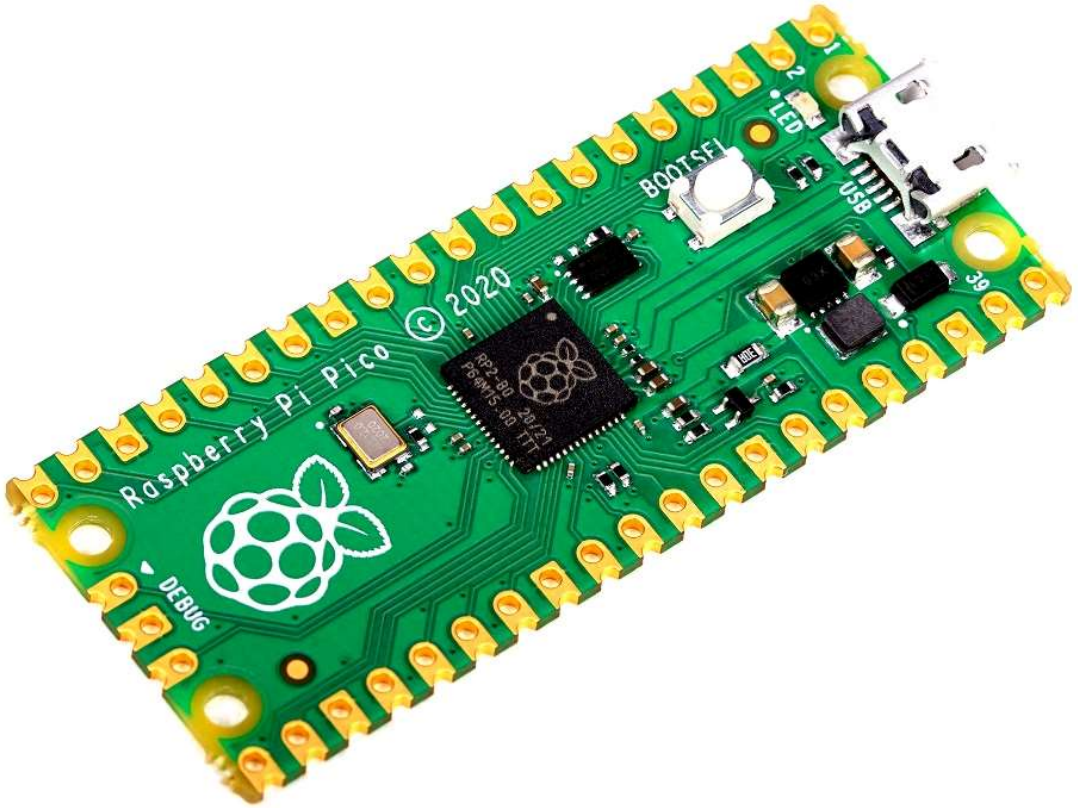
Arduino Uno	Atmega 328p	RISC	Lower cost Dev Board	Harvard Architecture
Arduino Mini Pro	Atemga 128p	RISC	Lower Cost Prototyping board Battery op	Harvard Architecture 8 Bit


Raspberry Pi Pico
© 2020
BOOTSEL
LED
USB
DEBUG
1
2
39

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Raspberry Pi Pico	RP2040	RISC V Emulation	Powerful Lower cost Low Power Application	


LinkIt ONE
labs.mediatek.com

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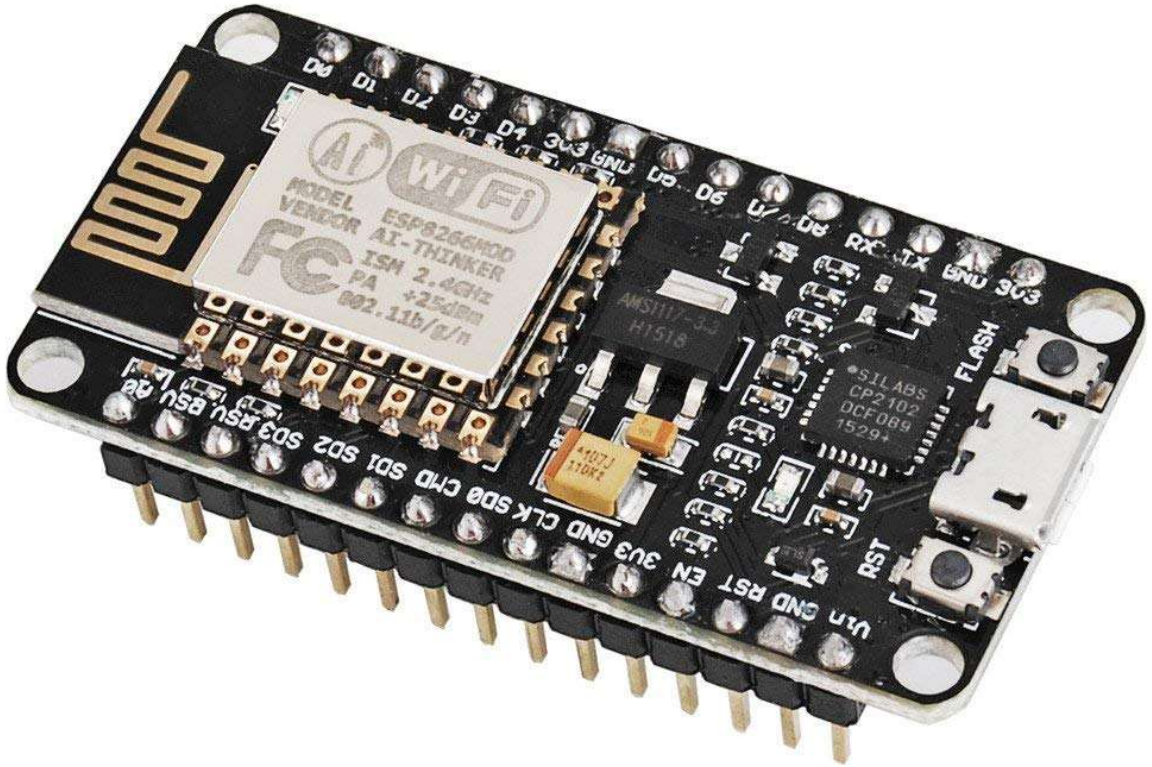
Linkit one (Mediatek)	MT2050	CISC	Onboard GPS, GSM, WiFi, Bt, SD Card & GPIOs	


D0 D1 D2 D3 D4 3V3 GND
D5 D6 D7 D8 RX TX GND 3V3
MODEL ESP8266MOD
VENDOR AI-THINKER
ISM 2.4GHz
PA +25dBm
802.11b/g/n
AMS1117-3.3
H1518
SILABS
CP2102
DCF089
1529+
FLASH
RST
SD2 SD3 RSV RSV A0
SD1 CMD SD0 CLK GND 3V3 EN RST GND Vin

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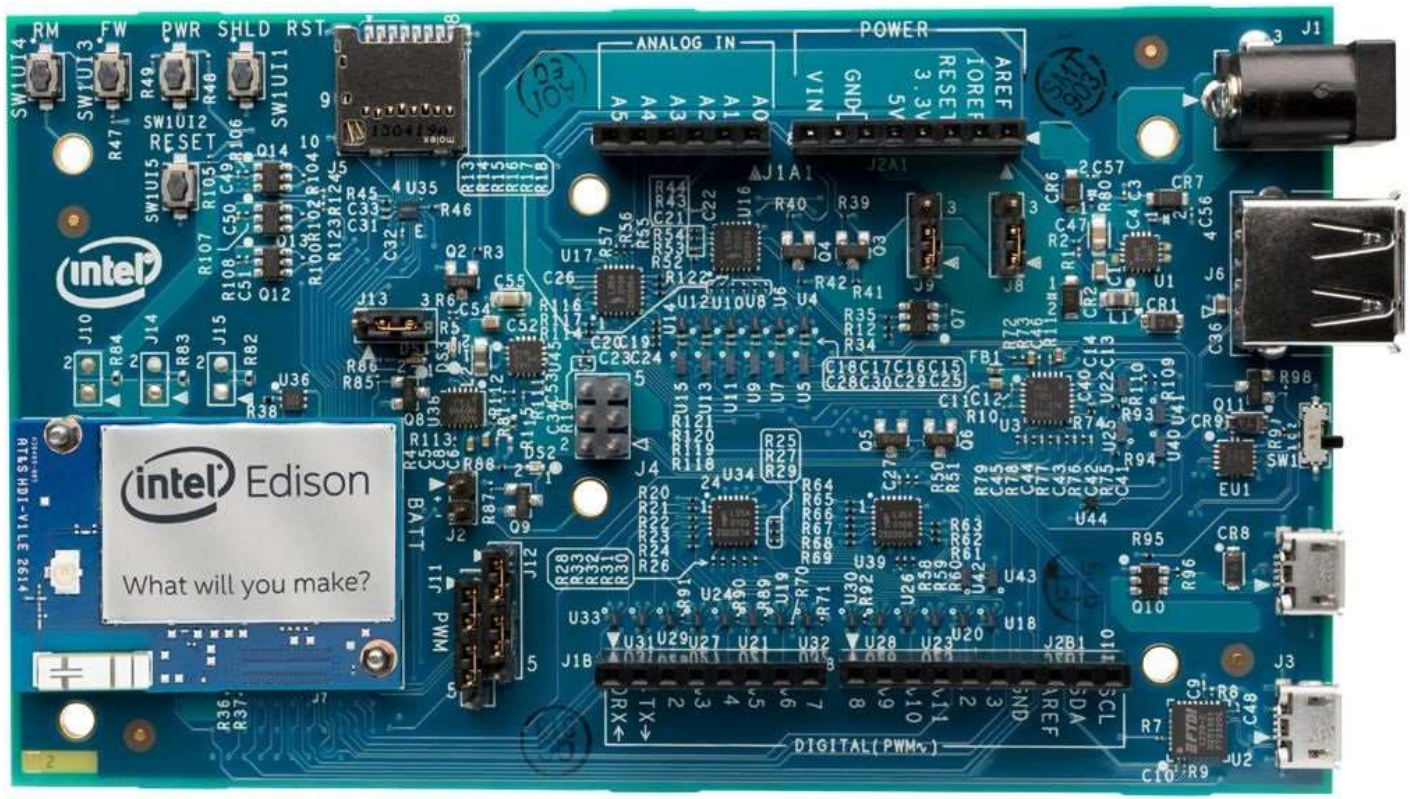
NodeMCU	ESP8266	RISC	WiFi + Low Power Application	Harvard
FireBeetle	ESP32	RISC V	WiFi + Bt + 2 DACs + Low Power + Multi Core	


intel Edison
What will you make?
ANALOG IN
POWER
DIGITAL(PWM~)
RESET
BATT
PWM

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Intel Edison (Devboard)		RISC + CISC	Powerful, higher computation power, Multi Core	