

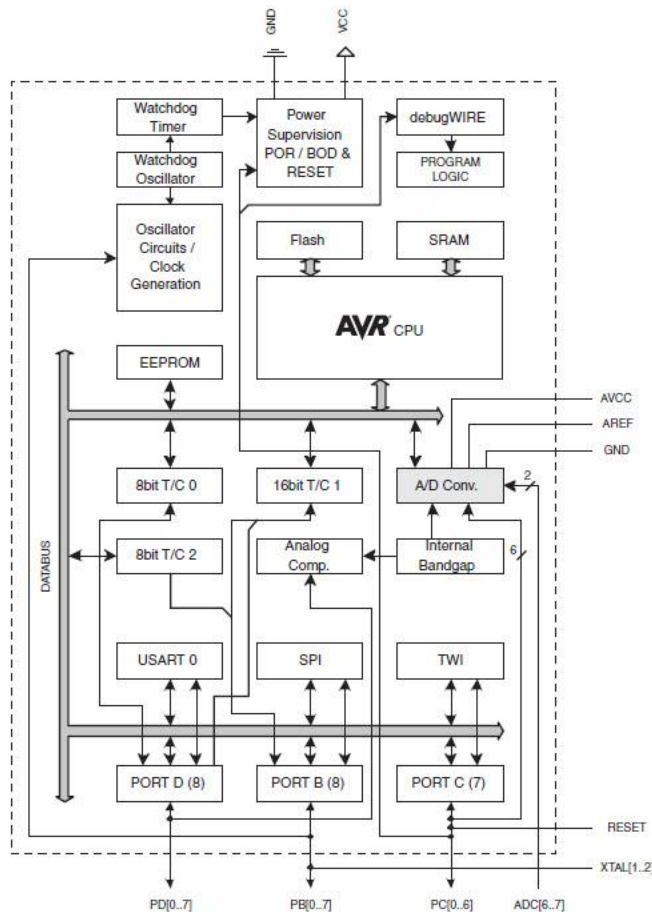
Curso de Arduino: Distintos modelos de Arduino

Arduino



elcacharreo.com

Hardware Arduino: Bloques AVR



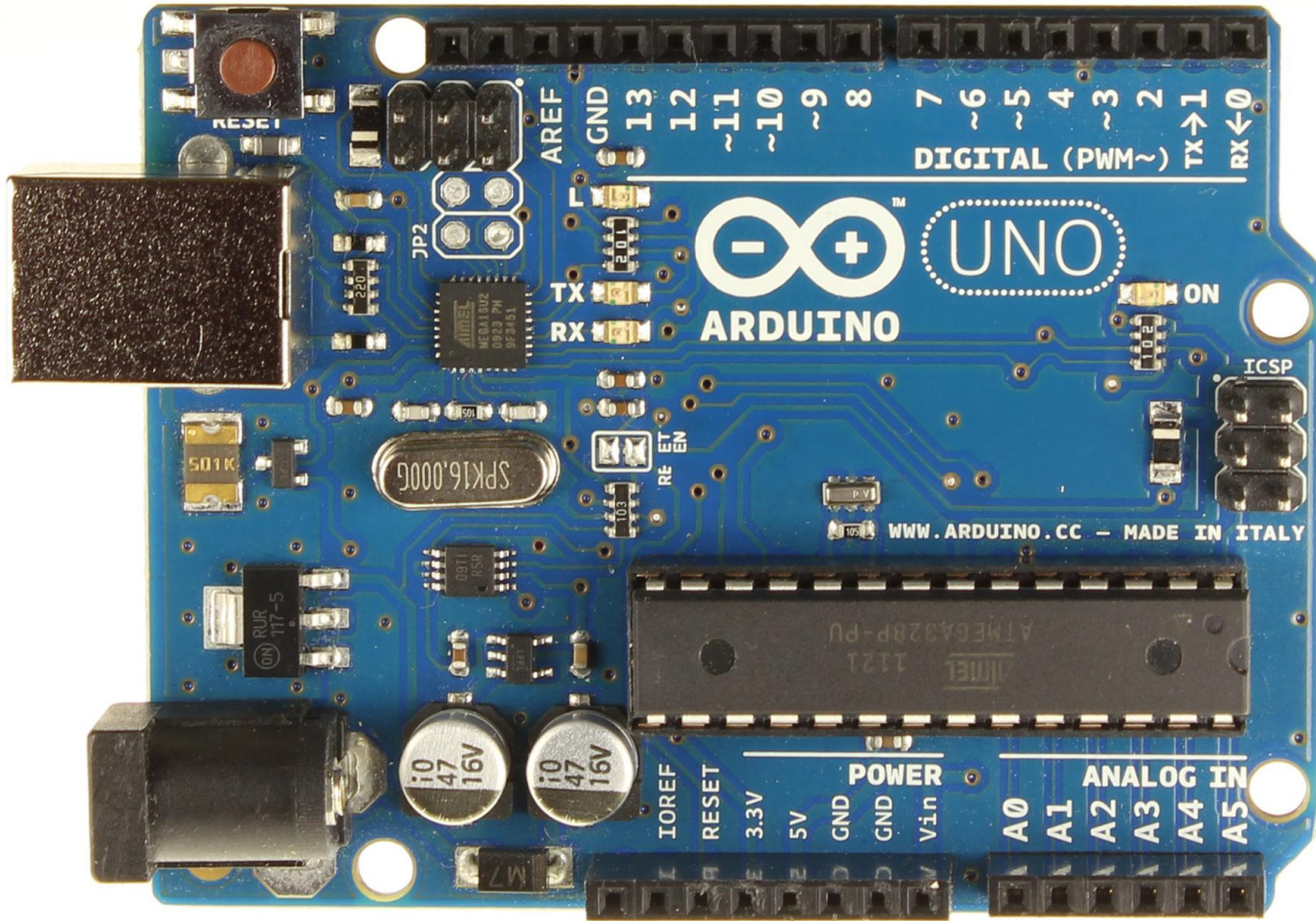
- Flash: Se almacena el programa, no se borra
- SRAM almacena las variables de programa
- EEPROM almacenamiento de larga duración

	ATMega168	ATMega328P	ATmega2560
Flash (1 Kbyte usado por bootloader)	16 KBytes	32 KBytes	256 KBytes
SRAM	1024 bytes	2048 bytes	8 KBytes
EEPROM	512 bytes	1024 bytes	4 KBytes

<http://arduino.cc/playground/Learning/Memory>



Hardware: Arduino Uno Rev 3



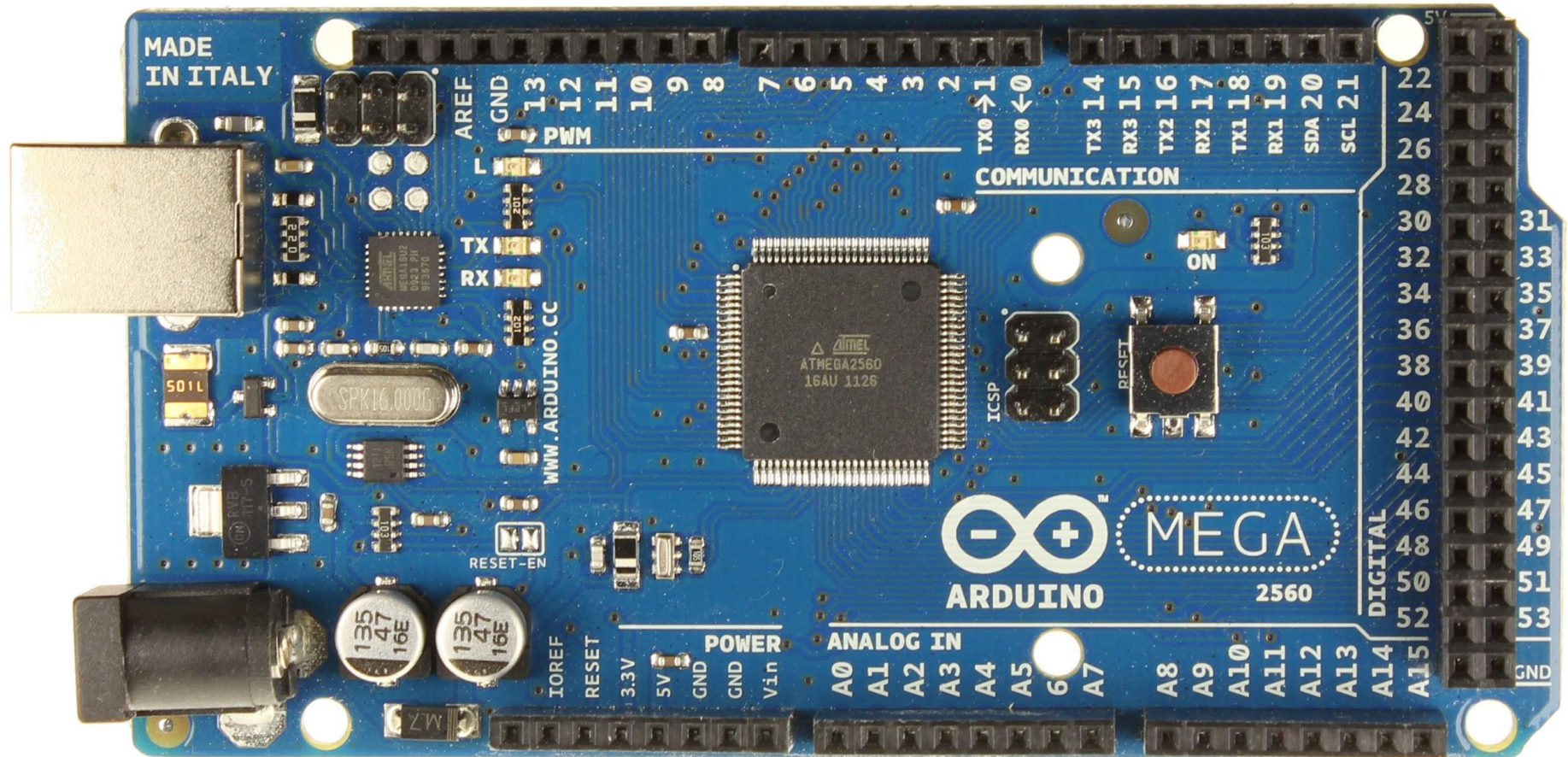
Hardware: Arduino Uno Rev 3

Arduino Uno Rev 3

- 5V
- ATmega328
- 14 I/O digitales (6 PWM) + 6 Entradas analógicas
- 32Kb + 2Kb + 1Kb 16MHz
- 1 UART (conexión Serie)
- <http://arduino.cc/en/Main/ArduinoBoardUno/>



Hardware: Arduino Mega 2560



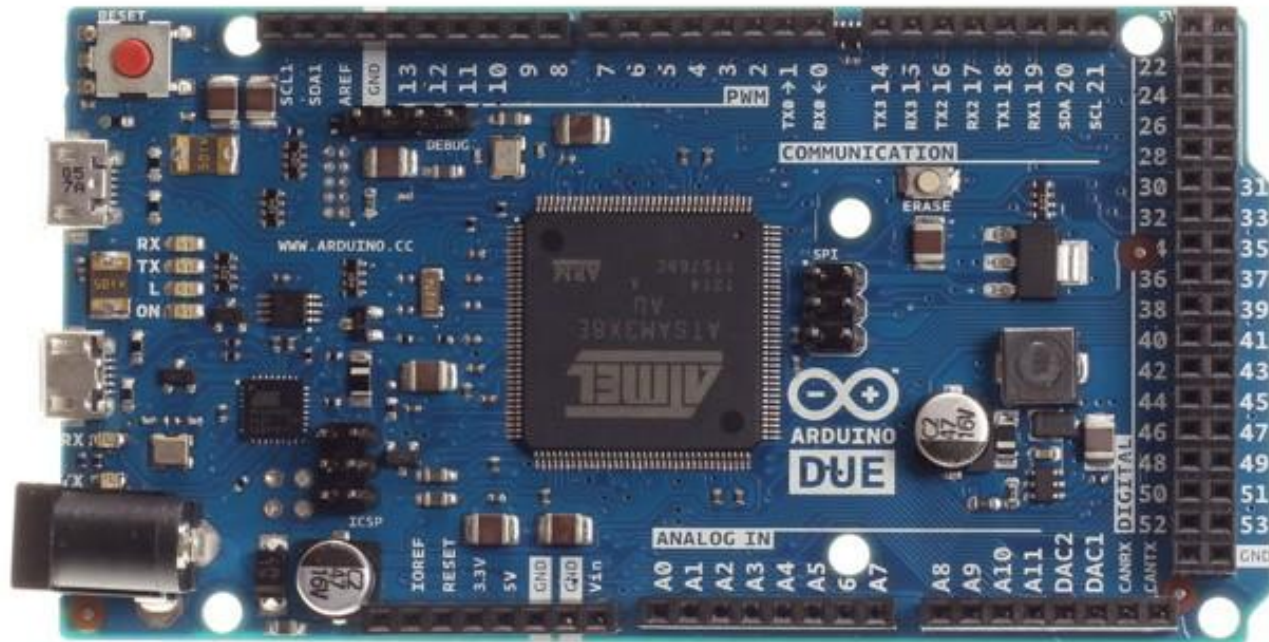
Hardware: Arduino Mega 2560

Arduino Mega 2560

- 5V
- atMega 2560
- 54 digitales (15PWM) + 16 analógicos
- 256Kb + 8Kb + 4Kb 16MHz
- 4 UART
- <http://arduino.cc/en/Main/ArduinoBoardMega2560>



Hardware: Arduino DUE



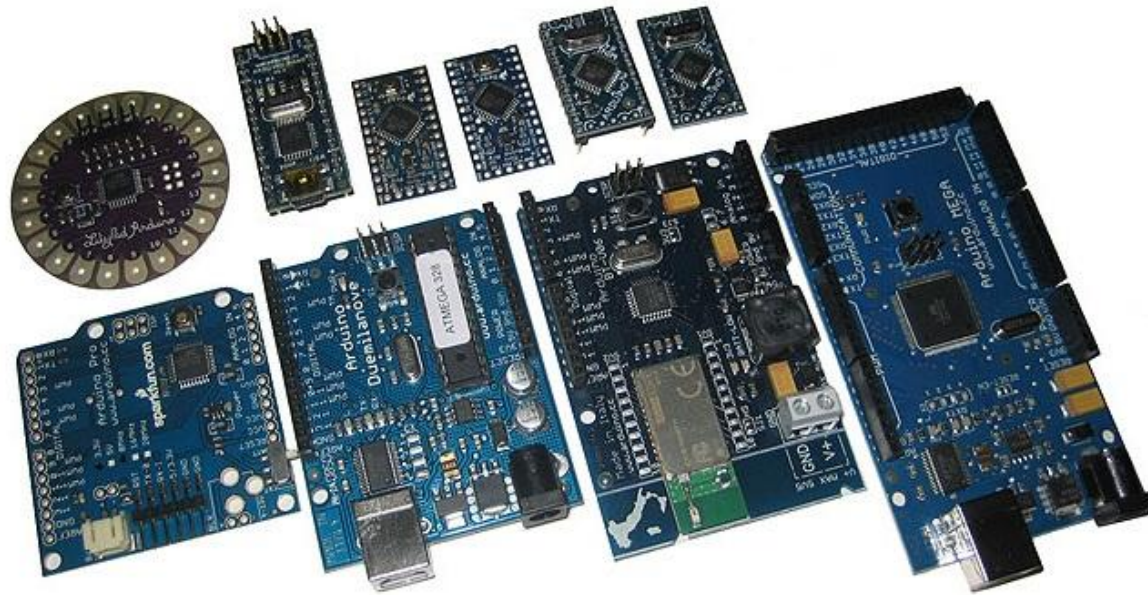
Hardware: Arduino DUE

Arduino Due

- **3.3V**
- ARM SAM3X
- 54 digitales (8PWM) + 12 analógicos + 2 DAC
- 512Kb + 96Kb + 0Kb 84MHz
- DMA
- 4 UART
- <https://www.arduino.cc/en/Guide/ArduinoDue>



Hardware Arduino: Presente



Due
Uno
Leo
Ethernet
Mega
Mini
Pro
Lilypad
Bluetooth
Yun



Hardware Arduino: Presente

www.arduino.cc/en/Main/Products

ENTRY LEVEL	UNO LEONARDO 101 ESPLORA MICRO NANO MINI MKR2UNO ADAPTER STARTER KIT LCD SCREEN
ENHANCED FEATURES	MEGA ZERO DUE MEGA ADK MO MO PRO MKR ZERO MOTOR SHIELD USB HOST SHIELD PROTO SHIELD MKR PROTO SHIELD 4 RELAYS SHIELD MEGA PROTO SHIELD MKR RELAY PROTO SHIELD ISP USB2SERIAL MICRO USB2SERIAL CONVERTER
INTERNET OF THINGS	YÚN ETHERNET TIAN INDUSTRIAL 101 LEONARDO ETH MKR FOX 1200 MKR1000 YÚN MINI YÚN SHIELD WIRELESS SD SHIELD WIRELESS PROTO SHIELD ETHERNET SHIELD V2 GSM SHIELD V2 MKR IoT BUNDLE
EDUCATION	CTC 101
WEARABLE	GEMMA LILYPAD ARDUINO USB LILYPAD ARDUINO MAIN BOARD LILYPAD ARDUINO SIMPLE LILYPAD ARDUINO SIMPLE SNAP
3D PRINTING	MATERIA 101

BOARDS MODULES SHIELDS KITS ACCESSORIES COMING NEXT

