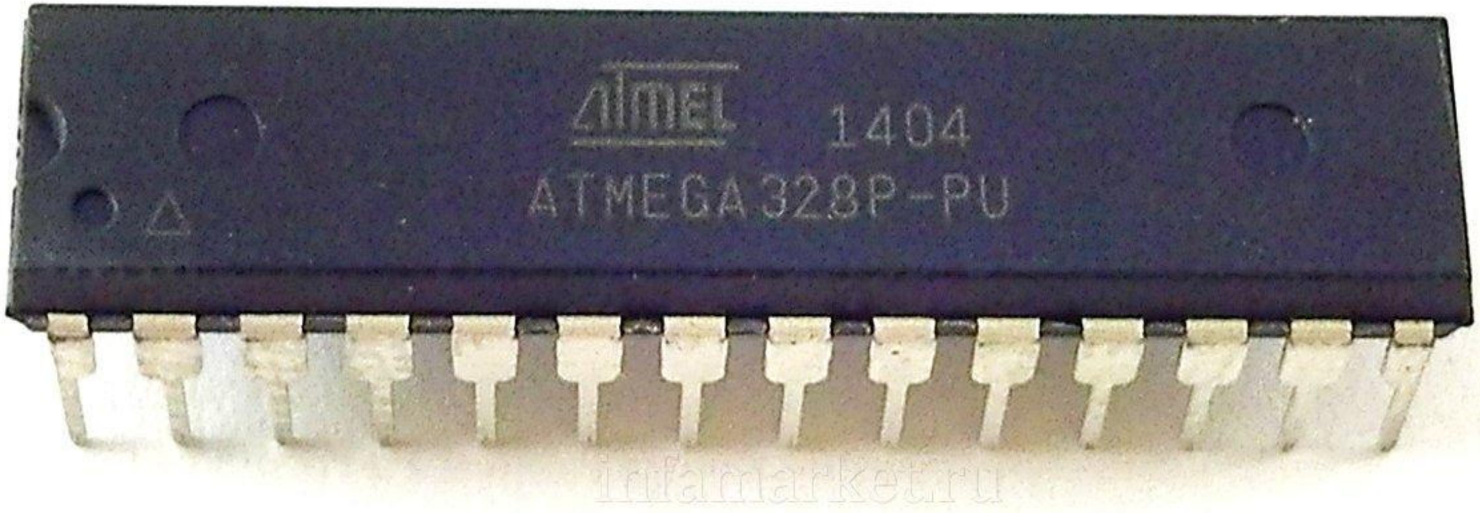
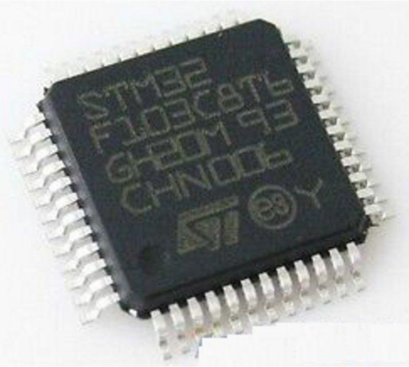
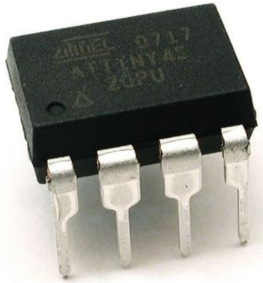
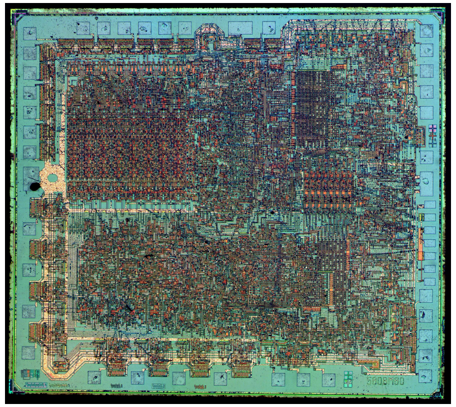
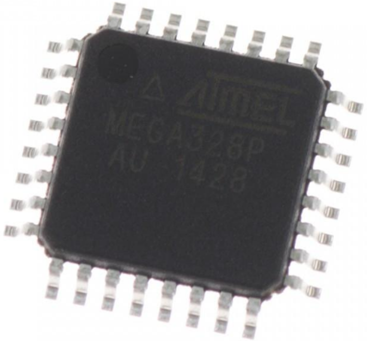
10^{-6} + контроллер


ATMEL
1404
ATMEGA328P-PU
infamarket.ru


STM32
F103C8T6
GH20M 93
CHN006
Y


ATMEL 0717
ATTINY45
20PU

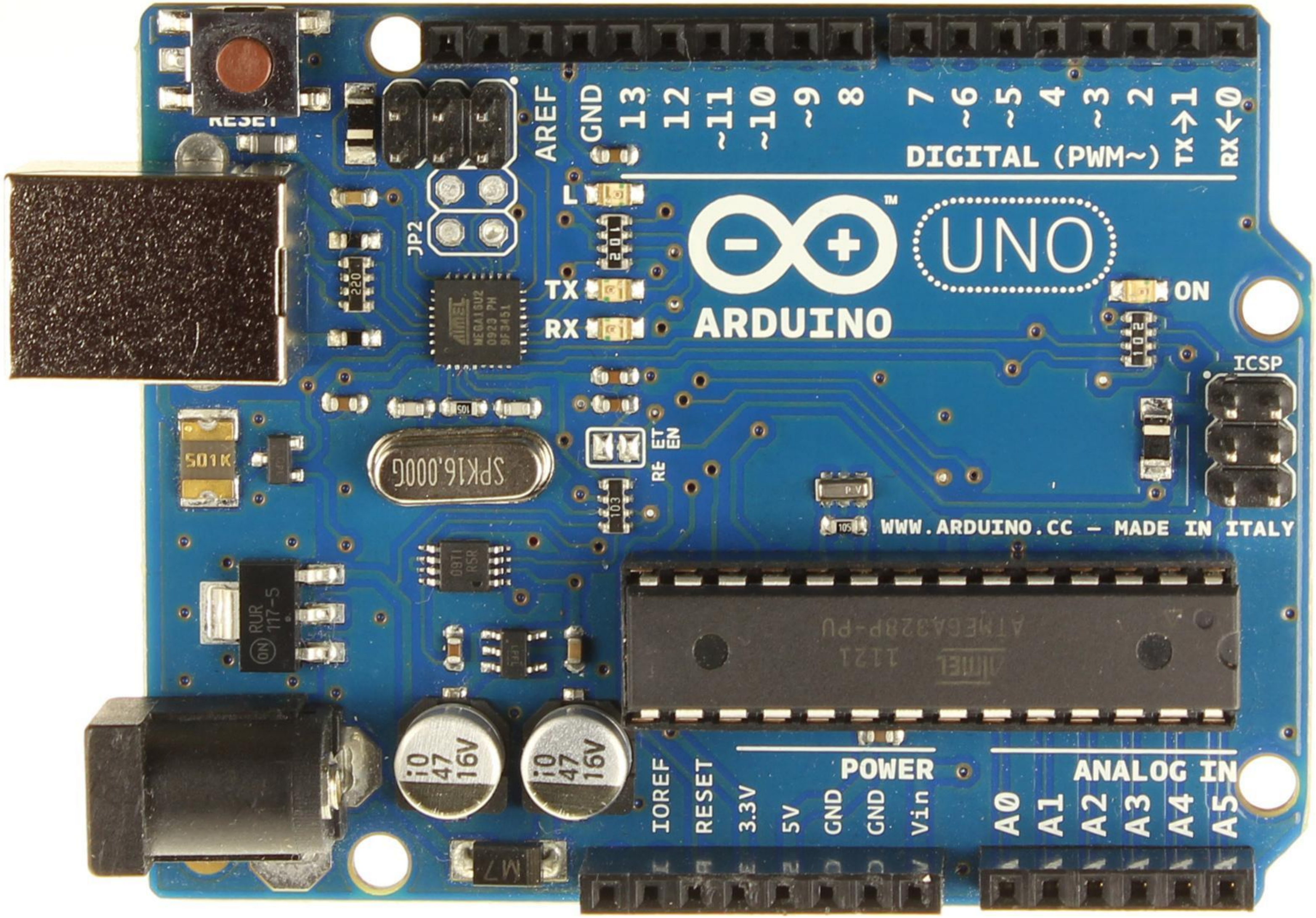



ATMEL
MEGA328P
AU 1428

телеком
Русь
R100-XP
0329

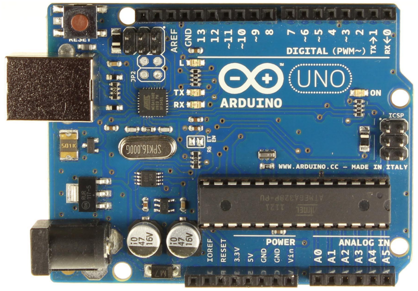
Infineon
TriCore™

Что такое Arduino и с чем её едят?

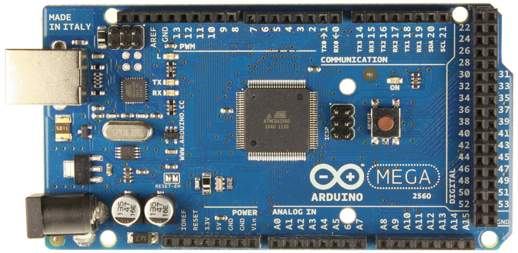

RESET
AREF
GND
13
12
~11
~10
~9
8
7
~6
~5
4
~3
2
TX→1
RX←0
DIGITAL (PWM~)
L
JP2
TX
RX
ARDUINO
UNO
ON
ICSP
WWW.ARDUINO.CC – MADE IN ITALY
POWER
ANALOG IN
IOREF
RESET
3.3V
5V
GND
GND
Vin
A0
A1
A2
A3
A4
A5

Какие они бывают

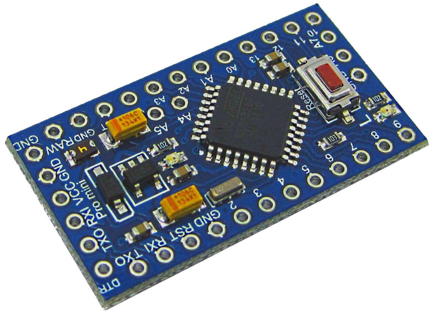
Uno



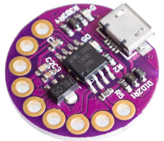
Mega



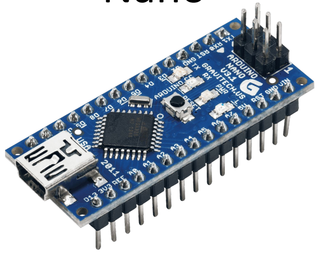
Pro Mini



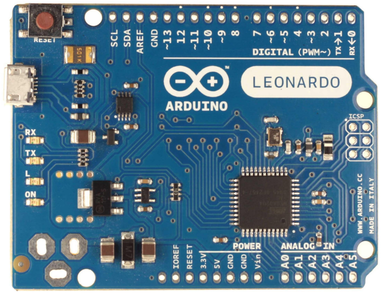
LilyPad



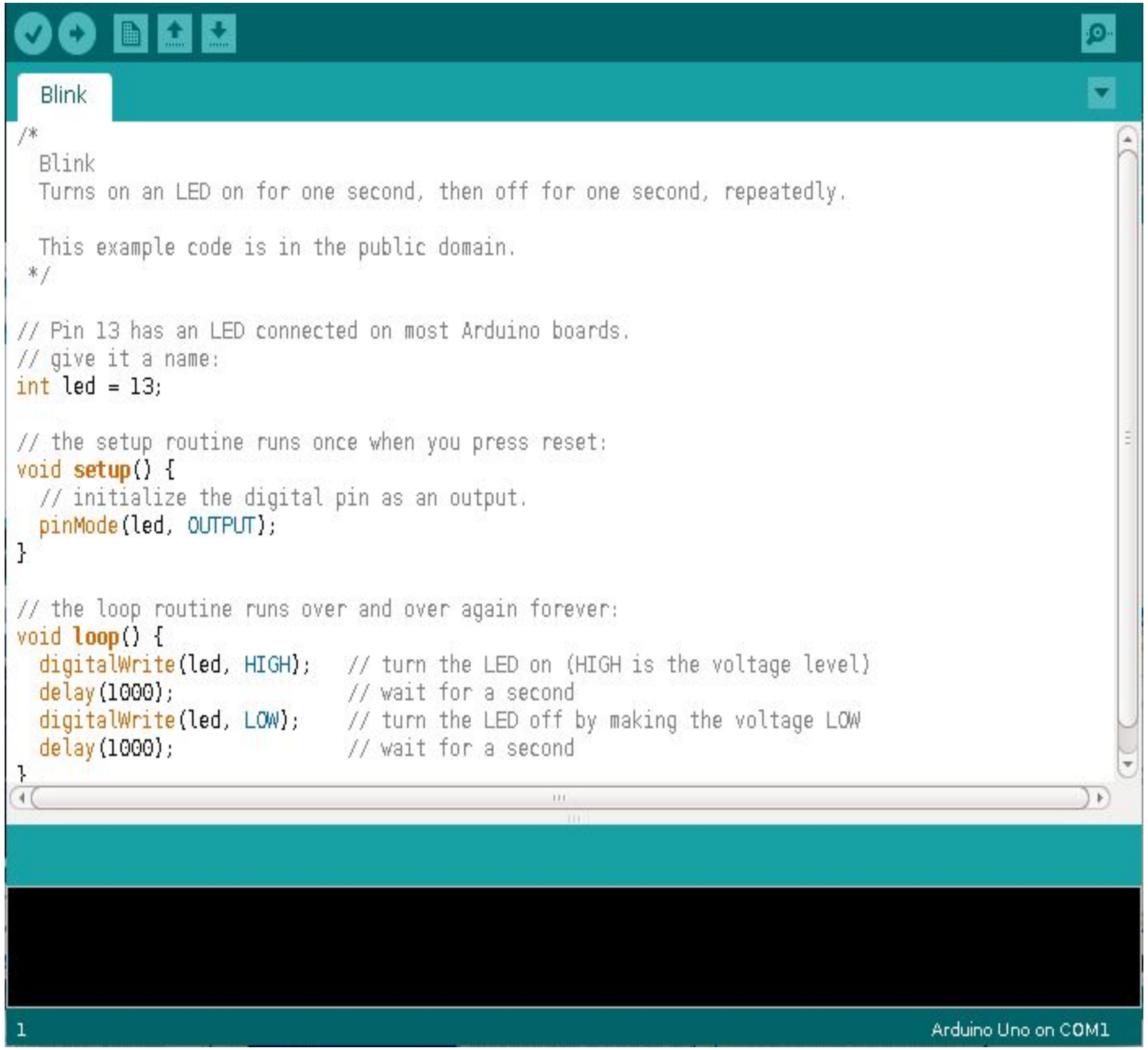
Nano



Leonardo



Arduino IDE



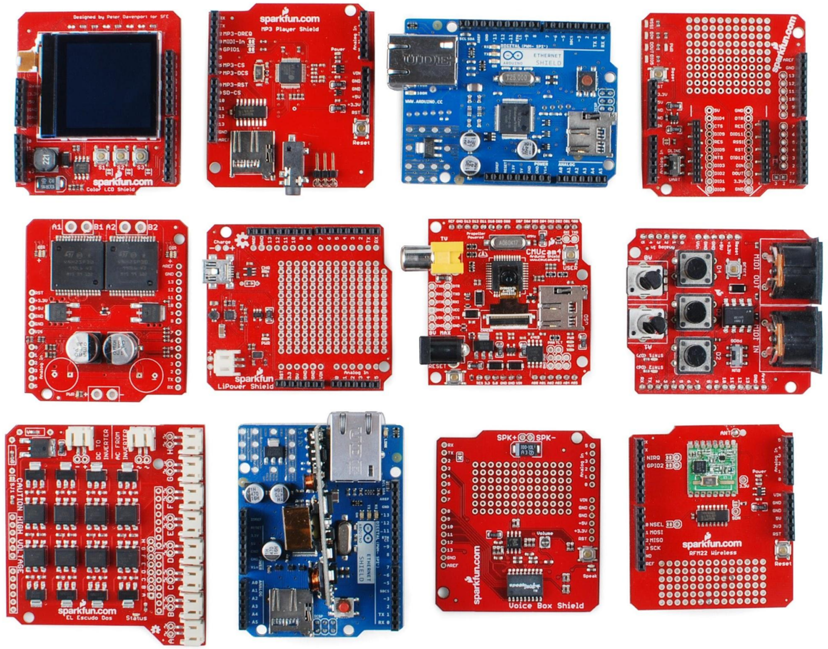
```
/*
  Blink
  Turns on an LED on for one second, then off for one second, repeatedly.

  This example code is in the public domain.
 */

// Pin 13 has an LED connected on most Arduino boards.
// give it a name:
int led = 13;

// the setup routine runs once when you press reset:
void setup() {
  // initialize the digital pin as an output.
  pinMode(led, OUTPUT);
}

// the loop routine runs over and over again forever:
void loop() {
  digitalWrite(led, HIGH);   // turn the LED on (HIGH is the voltage level)
  delay(1000);               // wait for a second
  digitalWrite(led, LOW);    // turn the LED off by making the voltage LOW
  delay(1000);               // wait for a second
}
```

Плюсы:

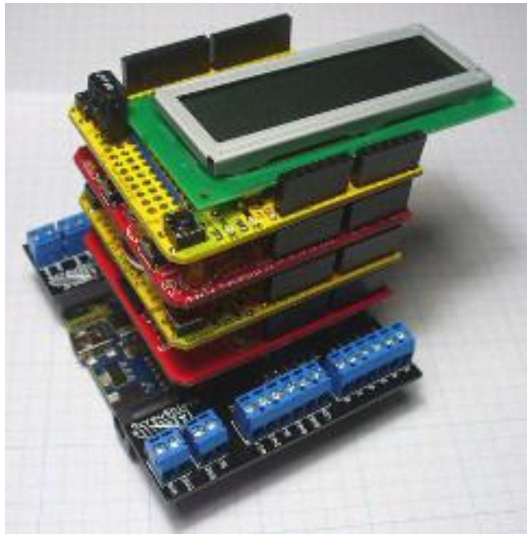
- Простота
- Популярность

Минусы:

- Не раскрыт потенциал микроконтроллера



RANDOMNERDTUTORIALS.COM



Уроки:

Канал AmperkaRu на YouTube ⇒

Сайт где есть все про Ардуино:
arduino.ru

Книга : Джереми Блум
«Все про Ардуино»