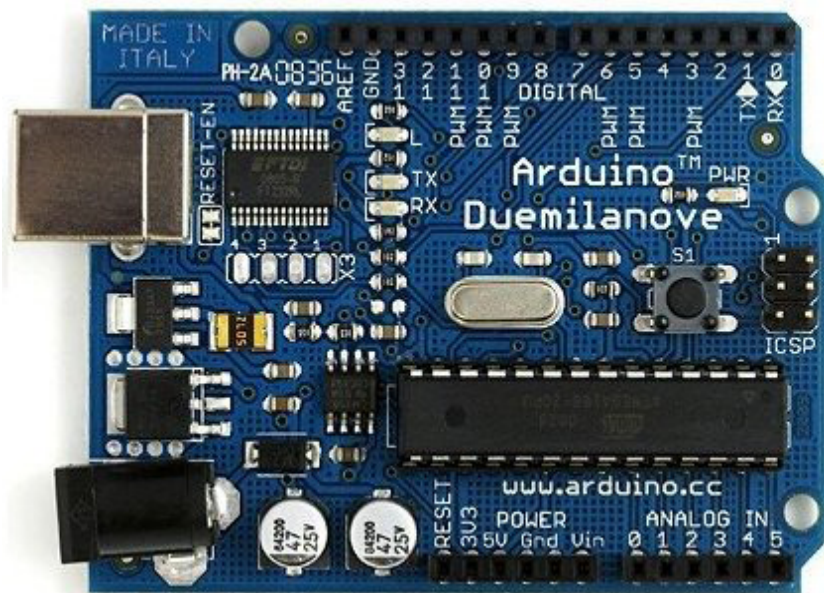


2. Arduino Duemilanove

Arduino Duemilanove (1.2-rasm) ATmega168 yoki ATmega328 mikrokontrollardan biridan tashkil topgan.



1.2-rasm Arduino Duemilanove

Mikrokontroller	ATmega168 yoki ATmega328
Ishlash kuchlanishi	5V
Kirish kuchlanishi (tavsiya etiladi)	7-12 v
Kirish kuchlanishi (eng yuqori)	6-20 v
Raqamli kirish/chiqish	14(Ulardan 6 tasi PWM chiqishi sifatida ishlatilishi mumkin)
Analogli kirishlar	6
Doimiy to'k oqimi	40 mA
kirish / chiqish orqali	
Chiqish uchun doimiy to'k oqimi	50 mA
3.3 V	
Flesh-xotira	16 KB (ATmega168) yoki 32 KB (ATmega328), (2 - yuklash uchun ishlatilgan)
Tezkor xotira	1 KB (ATmega168) yoki 2 KB (ATmega328)
EEPROM	512 bayt (ATmega168) yoki 1 KB (ATmega328)
Taktiviy chastota	16 MGts

1.2-jadval Arduino Duemilanove xususiyatlari