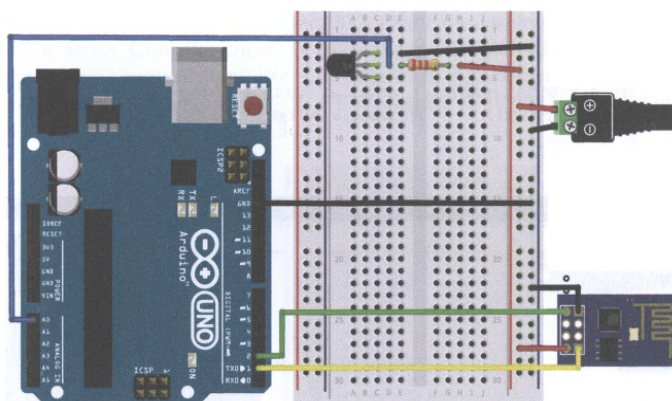


30.3 chizma. ArduinoIDE dan AT- buyuruqlarni jo‘natish

Saytga (<http://narodmon.ru>) axborotlarni jo‘natish skripti yaratiladi. Arduino platasiga LM335 harorat datchigini ulanadi va har 10 minutda axborotlari jo‘natiladi. Ulanish sxemasi 30.4 chizmada ko‘rsatilgan. Axborotlarni jo‘natish uchun quyidagi ketma-ketlikda harakatlarni bajarish kerak:

1. ESP-01 tashlash (0 ga o‘tqazish) va modulning tayyorligini tekshirish (AT+RST).
2. Tarmoqqa Wi-Fi bo‘yicha ulanish(AT+CWLJAP="<SSID>","<password>").
3. Bittalab ulanish ish tartibini tanlash (AT+CIPMUX=0).
4. TCP - ulanishni yaratish (AT+CIPSTART="TCPn,"92.39.235.156",8283).
5. Axborotlarni jo‘natish (AT+CIPSEND=<length> va axborotlarni o‘zini ham #<MAS>\ n#<ID_sensor>\n<value>\n##).
6. TCP-ulanishni yopish (AT+CIPCLOSE).
7. 10 minut sokinlik va 4 qadamga o‘tish.



30.4 chizma. ESP-01 modulni Arduinoga ulanish sxemasi