

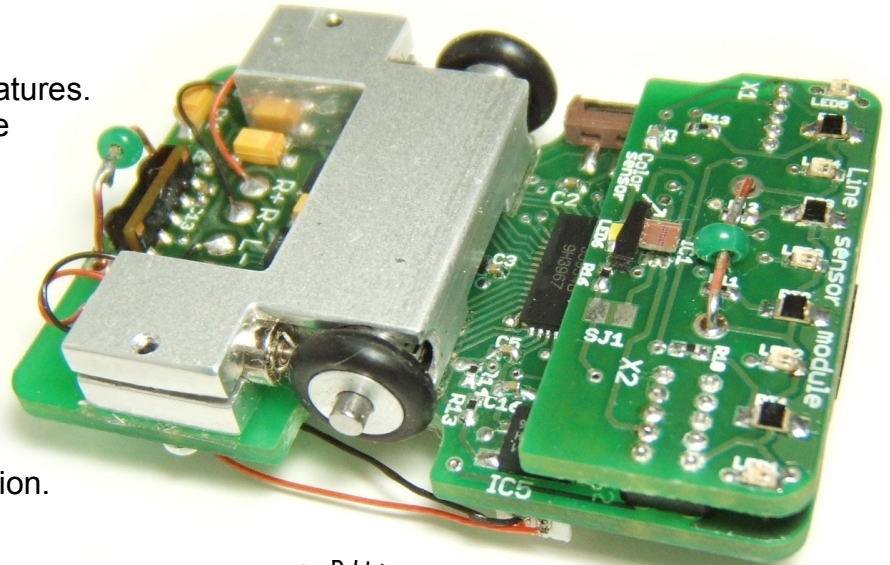
## PocketBot2

is a tiny linefollower robot with many features. Thanks to an odometry system it is able to visualize its movement trajectory on a screen of computer. Bluetooth is utilized for wireless data transmission. Robot has a color sensor, that allows to change the line following speed according to the color of the guiding line. PocketBot2 was designed as a robotic platform - with respect to batch production.

### Features:

- Bluetooth
- Optical encoders (odometry, precise movement)
- Line sensor module (8 reflexive IR sensor)
- Proximity sensors (for detecting obstacles)
- IR communication with other PocketBots nearby
- Color sensor (can recognize color of guiding line)
- 3-axis accelerometer
- Powerful motors driven with an H-bridge
- Battery management (voltage and current monitoring)

[www.ostan.cz/pocketbot2](http://www.ostan.cz/pocketbot2)



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