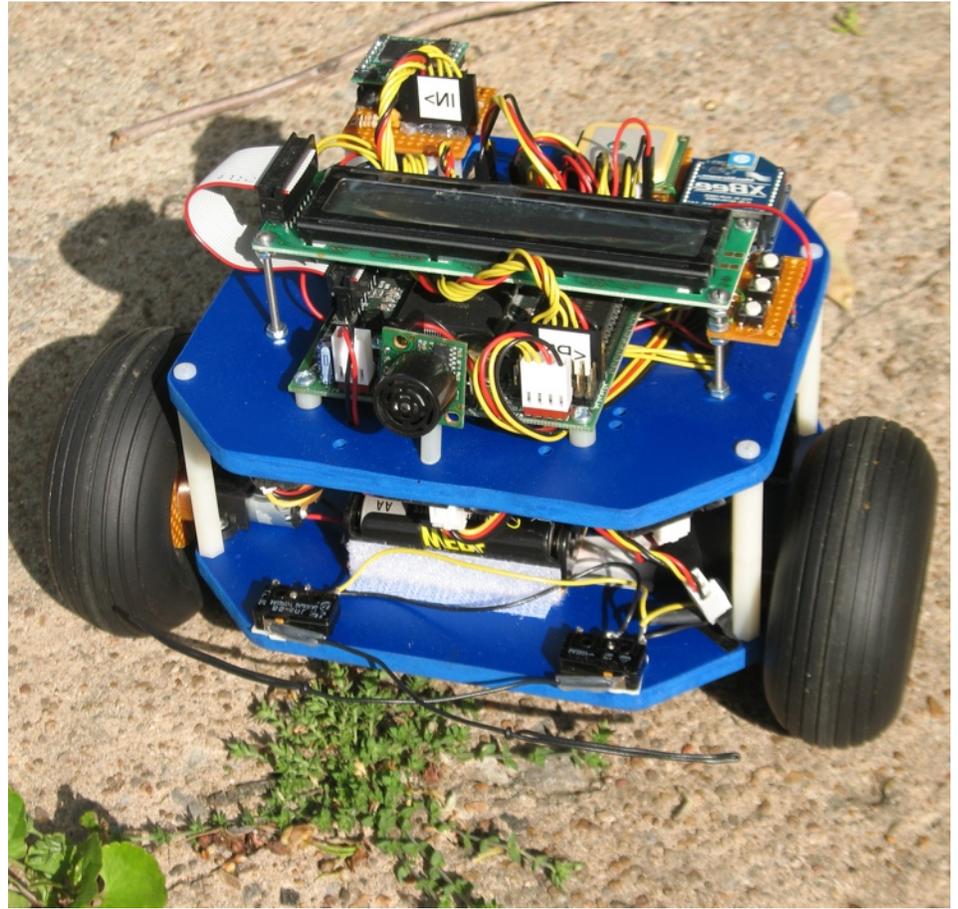


# BlueBot

BUILT BY:  
PETER  
NEUBAUER



## Custom robot for the SparkFun 2010 Autonomous Vehicle Competition.

- Brains: MiniRoboMind single board computer with a 25 MHz 68332 processor
- Software: over 7100 lines of custom, subsumption-inspired software written in C and assembly; about 110 KB code and data
- Sensors: one sonar, three infrared range finders, magnetic compass, GPS receiver, contact bumper
- Other: wireless telemetry, LCD, pushbuttons, data logger
- Drivetrain: two powered wheels, differential steering
- Power: 8 AA NiMH cells, 7.5 - 10.8 VDC

**"Peter's robot is awesome."**

– PETER'S WIFE

[HTTP://WWW.BLUERWHITE.ORG/TAG/SPARKFUN/](http://www.bluerwhite.org/tag/sparkfun/)

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