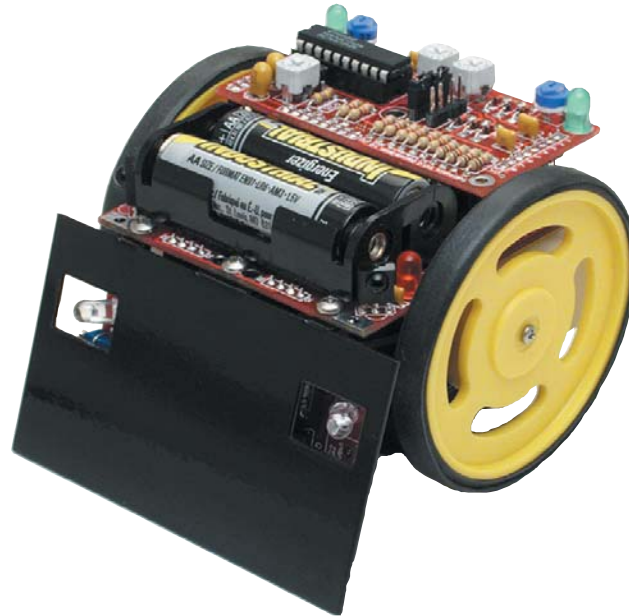




# **SOLARBOTICS** Ltd

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## **The Solarbotics Sumovore**

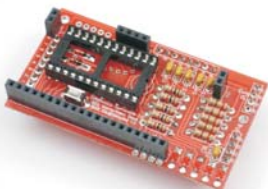


The Solarbotics Sumovore is a strong, modular design with over 500 man-hours of development and 21 prototypes behind it. It has more power, speed, and is less expensive than the Junun Mark III, Parallax Mini-Sumo, and Tab SumoBot.

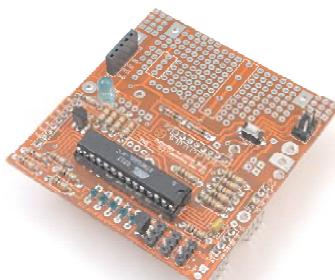
This kit features:

- **Powerful GM8 gearmotors powered by a robust L293D motor driver**
- **Four opto-reflector edge sensors (fifth edge sensor position available)**
- **Two 38kHz IR emitters and detectors for opponent detection**
- **345 grams "batteries-in" finished weight**
- **6AA power supply (Batteries not Included)**
- **Discrete brainboard "Anti Sumo-dance" behavior & "Anti edge-ram" behavior**
- **Discrete brainboard offers selectable sumo/line-follower modes**
- **Multiple trim pots for simple behavior tuning**
- **Modular front edge sensor / IR transmitter daughterboard**
- **Powder-coated front Steel plates (Colors: black, white, red, blue & yellow)**
- **Multiple wheel colors (Colors: black, red, blue & yellow)**
- **32-page detailed instruction document with full electronic schematics**

### **Add-on Kits**



**Basic Stamp 2**



**Atmel Mega 8**



**PIC 16F877A**