

Texas Instruments Robotics System Learning Kits (TI-RSLK)

BASIC ROBOTIC KIT (Maze Edition)

The TI-RSLK Basic Robotic Kit includes:

- SimpleLink™ MSP432P401R MCU LaunchPad Development Kit
- Romi Red chassis kit with motors and wheels
- Motor driver and power distribution board includes TI DRV8838 motor driver
- QTR-8A Reflectance sensor array with 8 IR LED/phototransistor used as a proximity or reflectance sensor
- 6 Bump switches for obstacle detection
- Rechargeable batteries
- Companion learning modules and full curriculum available at www.ti.com/rslk



SimpleLink™
MSP432P401R MCU



Line IR



Bump Switches



Motor driver and
Power distribution board



Romi
Chassis



Wires



Rechargeable
Batteries

+ ~50 other mechanical
& electronic
components