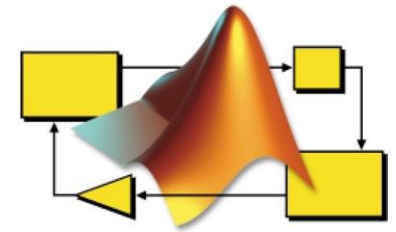


# Roboholic Maniacs Toolbox



[www.roboholicmaniacs.com](http://www.roboholicmaniacs.com)

**SIMULINK<sup>®</sup>**  
**Enabled**



MathWorks Partner

**Seamless programming of  
Arduino through Simulink**



**Give it a free try  
today!**

We are proud to be partners with  
Mathworks.

[https://www.mathworks.com/products/connections/product\\_detail/roboholic-maniacs-arduino-toolbox.html](https://www.mathworks.com/products/connections/product_detail/roboholic-maniacs-arduino-toolbox.html)

Our Simulink<sup>®</sup> Toolbox allows easy  
programming of Arduino in Simulink<sup>®</sup> (1).

Roboholic Maniacs Simulink<sup>®</sup> library allows  
you programming Arduino controllers in  
Simulink<sup>®</sup> environment. The library  
contains blocks for the following  
components:

- DHT humidity and temperature sensor
- Encoder sensor
- MPU6050 sensor
- 4 Wire touch screen
- 5 Wire touch screen
- LCD display

Contact us below to buy the toolbox or  
download it directly to try it for two weeks.

Simulink Library Browser

roboholic

Roboholic Maniacs Arduino Support Package/Sensors

- Simulink
  - Commonly Used Blocks
  - Continuous
  - Dashboard
  - Discontinuities
  - Discrete
  - Logic and Bit Operations
  - Lookup Tables
  - Math Operations
  - Messages & Events
  - Model Verification
  - Model-Wide Utilities
  - Ports & Subsystems
  - Signal Attributes
  - Signal Routing
  - Sinks
  - Sources
  - String
  - User-Defined Functions
  - Additional Math & Discrete
  - Quick Insert
  - Computer Vision Toolbox
  - Control System Toolbox
  - Data Acquisition Toolbox
  - Deep Learning Toolbox
  - DSP System Toolbox
  - DSP System Toolbox HDL Support
  - Embedded Coder
  - Fuzzy Logic Toolbox
  - HDL Coder
  - Model Predictive Control Toolbox
  - Roboholic Maniacs Arduino Support Package
    - Displays
    - Sensors
      - DHT
      - Encoder
      - MPU-6050
      - Resistive Touch 4 Wire
      - Resistive Touch 5 Wire
  - Robust Control Toolbox
  - Simscape
  - Simulink 3D Animation
  - Simulink Coder
  - Simulink Control Design