LEGO

Parts

- [Lego Parts Reference](#)
- [Lego Parts Request Form.](#)
- [Lego Parts Contents List](#)
- [sample code for polling mode using **GPIO JP1**](#) **For DE2 Board only**
- [sample code for polling mode using **GPIO JP2**](#) **For DE2 Board only**
- [sample code for setting up interrupt](#)
- [balance beam design on **GPIO JP1** when connected up to the lego controller](#) **For DE2 board only**
- [sample code for setting up interrupt on **GPIO JP2** when connected up to the lego controller](#) **For DE2 board only**

Lego Controller

The Lego Controller is the interface between the DE2 Board and the motors and sensors that come with your ECE Lego Kit. It will allow you to control the motors and to read the state of the sensors. To learn more about the lego controller read the following manual [Lego Manual](#)

Open House

This is where the latest projects and videos for open house are kept

Projects

- [cdplayer](#)
- [lego scanner](#)
- [Cube of Doom](#)
- [Jetpack](#)
- [Orthello](#)
- [Tank following track](#)

VIDEOS

2008 and earlier

- [Three in one](#)
- [Duck Shoot](#)
- [Space Invaders](#)

Spring 2009 ECE243

- [Lego Launcher](#)
- [Stair Climber](#)
- [Mimic Mouse](#)
- [Magnetic Robotic lifter](#)
- [Throwing Robot](#)

Fall 2009 ECE241

- [Zombies](#)
- [Simon Toy](#)
- [Timer](#)
- [Falling Balls](#)

Fall 2010 ECE241

- [frogger](#)
- [The Helicopter game](#)

Spring 2011 ECE243

- [Bomber Man](#)
- [The Crane Game](#)
- [Gameball Extreme](#)
- [UFO Catcher](#)
- [Breakout Game](#)
- [Super Mario verses Donkey Kong](#)
- [Lego Scanner](#)
- [Megbitbot](#)

Fall 2011 ECE241

- [Warehouse Manager](#)
- [Video Detector](#)
- [Battle City](#)
- [Battleship](#)

SPRING 2012 ECE243

- [Bumper Trouble](#)
- [4 legged crawler](#)
- [Computer Chess](#)
- [Columns](#)
- [Testris](#)
- [Target Shooting](#)

FALL 2012 ECE241

- [Horse Race](#)
- [Aviation Controller](#)
- [Digtial Piano](#)
- [Guitar Hero](#)

FALL 2013 ECE241

- [Alarm System](#)

- [Boom Defuser](#)
- [Laser Harp](#)
- [Police Target practice](#)
- [Block Avoidance](#)
- [Dance Dance Revolution](#)
- [Pacman](#)

Spring 2014 ECE243

- [Typing Game](#)