### Arduino Project List

Note: If you want to download list of arduino projects in PDF format, please visit: [Arduino Projects PDF](#)

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AIR Project using an Arduino

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Alarm Clock with Tetris to Prove You’re Awake using Arduino

AlarmingTweet

Algorithmic noise machine

All in one Remote using Arduino

Ambient Etch-a-Sketch

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An amplifier for Arduino

An animation inside a water drop by Physalia

An Arduino Powered (Scale) Speed Trap

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An FM Stereo Broadcaster PLL using Arduino

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Arduino WiFi Garage Door Opener
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Arduino Wii nunchuck and Wii motion plus with updated code for IDE 1.0.2 and LEDs
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Arduino Wind Instrument using arduino
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Arduino Wireless Animatronic Hand
http://arduino4projects.com/?p=2827

ARDUINO WIRELESS HOME SECURITY SYSTEM
http://arduino4projects.com/?p=9828

Arduino Wireless Programming with XBee Series 1 or 2
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ARDUINO with XBEE- WIRELESS SETUP DEMO
http://arduino4projects.com/?p=3000

Arduino – (Very) Basic motion tracking with 2 PIR sensors
http://arduino4projects.com/?p=10633

Arduino – A Basic Theremin
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Arduino – based camera trigger unit
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Arduino – Basic Persistence of Vision
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Arduino – Basic Theremin meets Processing!
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Arduino – Control a DC motor with TIP120, potentiometer and multiple power supplies
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Arduino – Control LEDs with a Remote Control
http://arduino4projects.com/?p=1927

Arduino – Getting my LCD Screen to work
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Arduino – IR remote/ Intervalometer for Nikon D80 DSLR
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Arduino – making a basic drum machine
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Arduino – motion triggered camera
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Arduino – One Wire Digital Temperature Sensor - DS18B20
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Arduino – Simple Simon Says Game
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Arduino – Sonic range finder with SRF05
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Arduino – Using a Sharp IR Sensor for Distance Calculation
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Arduino+Stepper Motor Camera Slider
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Arduino, Sensors, and MIDI
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Arduino-based Blue Box (Phone Phreaking)
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Arduino-based line follower robot using Pololu QTR-8RC line sensor
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Arduino-Controlled Physics Lab Fan-Cart
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Arduino-controlled RGB LED Infinity Mirror
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Arduino-controlled, Aluminum Archangel Costume Wings
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Arduino-enabled Patron Interaction Counting using arduino
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Arduino-Pneumatic Flight Simulator
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Arduino-powered A-10 stick grip remote w/Emergency Party Button
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Arduino-Radio Controlled Hydrogen Blimp
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ArduinoSRC an Open Source Platform for Fighting Robots using Arduino
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ATTiny85 POV Display using arduino
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BIKEDUINO – Stopping Point Predictor for bike riders
Binary metric clock using Arduino
Binary/Analog Clock
Binguino: An Arduino-based Bingo Number Generator
Biometric Sensing Computer Mouse
Bird cage LED daylight simulation system
Bird Feeder Monitor using Arduino
Bird Proof Squirrel Feeder & Solar Powered Camera using Arduino
Bitcoin Price Ticker (almost) from scratch using Arduino as ISP
BLDC Motor Control with Arduino
Bleeber – A physical layer between data and action, using arduino
Blind Maze Navigation using 2-DOF Haptic Joystick
Blink LED using Arduino
Blink Without Delay using Arduino
BLINKING AN LED USING AN ARDUINO UNO (EXPLAINED)
Blinky Fish using an Arduino
Blinky Lights using Arduino and LumiGeek
Blinky the one-eyed clock using Arduino
BLU-BOARD, control your home with blue tooth!
Bluetooth Controlled Message Droid using Arduino
Bluetooth plus Infrared Controlled Robotic Arm
Bluetooth RGB Shelf Lighting using Arduino
Bluetooth Weather Lamp

BoB the BiPed

Boost Converter intro with Arduino

Boot Bot Arduino Bootload Shield

Bootload an Arduino with a ZIF Socket

Boozeduino using arduino

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Bouncing Multicolored LED line

Box Security Package using Arduino

BOXZ

Brain-Computer Interface

BrainTap: the interactive arthritis and memory exercise game

Breadboard and LEDs (lesson 3)

Breathalyzer Microphone using an Arduino

Breathalyzer using an Arduino

Brickduino (2. Parallel connector)

Brushless DC (BLDC) motor with Arduino. Part 3 – The Stroboscope Project

Brushless Gimbal with Arduino

Brute force attack a BIOS with Arduino

Bubble Alarm Clock Makes Waking Up Fun using Arduino

Bubble Wall | Interactive, Inflatable Panel

Bubblebot: Gigantic Bubble Generator using arduino

Bubblesteen Bubble Machine using an Arduino

Buddy the on-screen seal Robot

Bug-Catching Spider In Web using Arduino Part 2

BUGBot – Light Follower Robot using Arduino

Buggy Wheelchair Robot using an Arduino

Build a big crane game using Arduino

Build a cat litter box fan with Arduino

Build a Complete AVR System and Play Mastermind using Arduino

Build a Controllable Coffee Roaster from an Air Popcorn Popper

Build a fully featured Arduino Thermostat

Build a Laser 3D Printer – Stereolithography at Home using arduino
Clock Four – Scrolling text clock using Arduino

Clock One – Digital plus Analog Clock An Arduino

Clock Three – A pillow clock using Arduino

Clock Two – Single digit clock using Arduino

Clock with Meggy Jr RGB using Arduino

Clock with Tics (presentation prototype) using Arduino

Clusterbot

CMUCam3: Working Module But Not Working CMUCam3-Arduino System

Code generator for custom Android or Arduino menus

Color changing display

Color Changing LED Tree

Color Changing Night Light with ATtiny using Arduino

Color Changing Nightlight using Arduino

Colorful Countdown Clock for tight timeline management using Arduino

Combination Circuit for Digital and Analog

Combo Blocks using an Arduino

Come Home! Connecting Distant Spaces EASILY over Web using Arduino

Compact 3-in-1 Stripboard DIYduino with Integrated Sensor and L298N Motor Shield

Compact 3-in-1 Stripboard DIYduino with Integrated Sensor and L298N Motor Shield

Compact Protoboard Arduino type thing yea

Computer Controlled Aiming Method

Computers are Dumb

Connect 4 Binary Clock using an Arduino

Connect A 16x2 LCD Display To An Arduino

Connect several digital inputs to one analog input using Arduino

Connect the arduino and make the speaker play

Connecting a 12V relay to Arduino

Connecting an IR Sensor

Connecting Arduino LCD Display Code

Control a DC motor with Arduino and L299D chip

Control a Relay with Arduino

Control Access of Arduino YÚN with MySQL, PHP5 and Python

Control an Arduino With a Wristwatch (TI eZ430 Chronos)

Control an Arduino With a Wristwatch
Control an iPod with the Arduino
Control Android mobile by an Apple Remote using Arduino
Control Any Circuit With a TV Remote (and an Arduino)
Control anything remotely with infrared signals using Arduino
Control Arduino Wirelessly with MATLAB
Control Fluorescent Lights with a Laser Pointer and an Arduino
Control Ikea Diode LED Strip with Arduino + 16X PWM LED Fader Board using arduino
Control Keyboard & Mouse Android app via Arduino
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Control TV functions using Analog input and Arduino
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Controllers and Sensors using arduino
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Controlling Cube with Arduino based MIDI
Controlling Hand Drill with Roboduino using Arduino
Controlling speed controllers with Arduino
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Conversational Gloves using arduino
Convert a toy piano to work as a midi device and use it with Synthesia
Cookies administrator box [Electronics only] using arduino
Core2duino Updated with Arduino
Cosmic ray detection from vertical and horizontal directions using three Geiger counters using arduino
Create an Internet Connected Pill Dispenser
Create an Internet controlled robot using Livebots
Create Interactive Electronic Instruments with MaxMSP
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Critter Twitter Trap using Arduino
CSCE 236 Embedded Systems
CT sensors – Interfacing with an Arduino
Cup Cooler using an Arduino
Diorama, Bat in the cave using Arduino

Dirt cheap Arduino LED light bar

Discreet Data Logger using Arduino

Display Live Txs on Costume at Party w/ Scrolling LED Belt Buckle using arduino

Displaying Images on 4D OLEDS using Arduino

Displaying Twitter feed without a PCD using Arduino

DIY 360 Degree SODAR Device

DIY 3D Controller using an Arduino

DIY 3D Laser Scanner Using Arduino

DIY a Spelling Game with an Interactive Robot using Arduino

DIY AM Radio with Arduino

DIY Amp / Watt Hour Volt Meter – Arduino

DIY Android Home Automation Box

DIY Antique Phone Doorbell using Arduino

DIY Arduino Board Water Meter

DIY Arduino FM Radio (Part 2)

DIY Arduino FM Radio Shield

DIY Arduino Motor Shield [for only $8! (0.298N 2x4A)]

DIY Arduino Motor Shield

DIY Arduino Nebulophone Synth

DIY Arduino or The DIY-Duino

DIY Arduino Remote Control and Lego RC Vehicle!!

DIY Arduino Stepper Motor Driver Board

DIY Arduino Unit Converter: How to use LCD

DIY Binary Clock with Arduino

DIY BioPrinter

DIY Driving Simulator using an Arduino

DIY Flex sensor using Sugru and graphite powder (Resistencia flexible usando Sugru y polvo de grafito)

DIY FPV RC Tank V2 [2km RANGE upgrade!] using Arduino

DIY FSK RFID Reader using Arduino

DIY GPS Tracking Bike Lock using Arduino

DIY handmade Hexapod with arduino (Hexdrake)

DIY Infrared Sensor Module using Arduino

DIY Low Cost Arduino Mobile Development Platform
DIY Mod an Omnibot 80’s Robot with Voice, Camera, Servos, Bluetooth

DIY Motion Sensor Alarm System

DIY navigation device for blind people using Arduino and Android phone

DIY Parking Sensor using Arduino

DIY Robotic Hand Controlled by a Glove and Arduino

DIY Sensors Workshop using arduino

DIY Skee Ball Machine

DIY Solar Tracker using Arduino

DIY Super Bright LED Skate Lights

DIY Teagueduino

DIY Telepresence Documentation

DIY Turntable using arduino

DIy Xbox wireless controller adapter for Pc

DIY G-force measurement system

DMX Ardweeny Node using Arduino

DNA Melting Part 2: Lock-In Amplifier and Temperature Control

Dogduino: The Automatic Dog Feeder using Arduino

Domotic arduino

Doorbell to Arduino 'Interface'

Dot Matrix Printer from a CD/DVD Reader with Arduino

Dr Blinkenlights ... (or how I learned to afford the BlinkM)

Drifter – Arduino controlled RC car

Drive a webpage in real-time using Arduino, SensorMonkey and Processing.js

Drive by wire go kart using Arduino

Drive with PID Control

Driving multiple Sparkfun 7-segment displays with an Arduino

Driving two Nixie tubes with an Arduino via a shift register and two SN74141s

Dual H-Bridge – Arduino L298 Breakout Board

Earfingers: Hear with your hands using Arduino

Earth Globe Rotating With Arduino Or Raspberry Pi Controlled stepper Motor using arduino

EARTH SAVER: Autonomous Material Sorter using Arduino

Easily control your IPod using Arduino

Easy 4×6 LED Matrix, Arduino!
Fairly Simple Simon – the evolution of an Arduino game
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Fart Operated Random Channel TV Remote using an Arduino
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Fifty Dollar Box Bot
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FijiBot
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FINAL Touch sensor with arduino
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FireHero: Turn Guitar Hero into an extreme sport by adding flamethrowers! using Arduino microcontroller
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Fish Sensing
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Fix a fried Arduino Mega
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Flash trigger using arduino
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Flashing LED Top Tube Pad for your bike using Arduino
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Flashlight tag using an Arduino board
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Flicker up to 6 LEDs with Arduino
http://arduino4projects.com/?p=2021

Flora- an Interactive flower
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Fluid In Flux_3D Wax Printing in Water
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FOBO bipedal walking robot
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Forget Me Not- Remote Flower Watering
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Frameless Laser Harp
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Frankenstein Laser Engraver
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Freeform Arduino

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Froggy World 5 The Coffee Gripper
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Fun Hackable Speaker Timer
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Fun Shway Display using an Arduino
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Fun Sun-tracking Arduino
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Functional Lit Costume Goggles for Mr Freeze
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FuzzBot
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G Meter using arduino
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Game Controllers using Arduino
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Game maker Rover using an Arduino
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Garage Door Opener with iPhone using Arduino
http://arduino4projects.com/?p=2636

Garage Genie – Parking & Remote Control using Arduino
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<td><a href="http://arduinoprojects.com/?p=14433">http://arduinoprojects.com/?p=14433</a></td>
</tr>
<tr>
<td>Guitar Tuner for the Blind using an Arduino</td>
<td><a href="http://arduinoprojects.com/?p=7644">http://arduinoprojects.com/?p=7644</a></td>
</tr>
<tr>
<td>Gut Check a Tweeting and Facebooking Fridge using Arduino</td>
<td><a href="http://arduinoprojects.com/?p=1332">http://arduinoprojects.com/?p=1332</a></td>
</tr>
<tr>
<td>Gyro Camera for Motorcycle using Arduino</td>
<td><a href="http://arduinoprojects.com/?p=4604">http://arduinoprojects.com/?p=4604</a></td>
</tr>
<tr>
<td>Hack a TowerPro Micro Servo to Spin 360 / Continuous Rotation</td>
<td><a href="http://arduinoprojects.com/?p=11493">http://arduinoprojects.com/?p=11493</a></td>
</tr>
<tr>
<td>Hack a voice changer to add an Arduino input</td>
<td><a href="http://arduinoprojects.com/?p=1279">http://arduinoprojects.com/?p=1279</a></td>
</tr>
<tr>
<td>Hack an old iPod using an Android and an Arduino</td>
<td><a href="http://arduinoprojects.com/?p=10019">http://arduinoprojects.com/?p=10019</a></td>
</tr>
<tr>
<td>Hack the Nabaztag using Arduino</td>
<td><a href="http://arduinoprojects.com/?p=10063">http://arduinoprojects.com/?p=10063</a></td>
</tr>
<tr>
<td>Hack Your Hasbro R2D2 With an IOIO Microcontroller</td>
<td><a href="http://arduinoprojects.com/?p=12603">http://arduinoprojects.com/?p=12603</a></td>
</tr>
<tr>
<td>Hacked Pan and Tilt Camera Mount</td>
<td><a href="http://arduinoprojects.com/?p=6658">http://arduinoprojects.com/?p=6658</a></td>
</tr>
</tbody>
</table>
Hacked roomba and arduino snowballs into a Eurobot 2013 entry

Hacking a Powerglove using Arduino

Hacking Hex Bug Spider using arduino

Hacking my RC Car using Arduino and Android Smart Phone

HandSight: A Glove for the Blind to Feel Shapes and Navigate Obstacles

Happy Androids with Arduino Video instructions

Haptic Feedback device for the Visually Impaired (Project HALO) using arduino

Haptic Proximity Module (HPM) for Low Vision users

Head Mouse – Game controller or disability aid using Arduino

Hear your plant make music! – Ethernet version

Heat-Seeking Desk Fan (using Arduino)

Hercules: The Motion Controlled Android Robot using Arduino

Hexapodino: tiny hexapod 3D printed, Arduino controlled

HexLogger, an Arduino based data logger

Hidden light control using Arduino

Hidden Wall Outlet Safe (w/Arduino Lock) using arduino

High Five Camera

High Heel Massage using an Arduino

High Power RGB LED Moodlamp which syncs with Philips Hue

High Speed Outdoor Photography

High Speed Photo Arduino : HighSpeeduino

High Speed Photography

High-Low Binary LED Arduino Game

High-speed Photography with Arduino and CHDK using arduino

Highly maneuverable search and rescue robot

Hobbyduino Mini V1.0 using arduino

Holiday Dreidel Light Display for Roof using Arduino

Home Alert: Arduino + Cloud Messaging On A Large Display

Home Automation (or Robot Butler called Geoffrey) – iPhone controlled, arduino based

Home automation system using Arduino and SIM900 GSM module

Home Automation: Drapes using Arduino

Home Made Arduino Prototype Shield

Home Made Bezel / Window for LCD, LED, TFT Displays.
<table>
<thead>
<tr>
<th>Title</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interface a rotary phone dial to an Arduino</td>
<td><a href="http://arduino4projects.com/?p=7698">http://arduino4projects.com/?p=7698</a></td>
</tr>
<tr>
<td>Interface and Application Programming</td>
<td><a href="http://arduino4projects.com/?p=1761">http://arduino4projects.com/?p=1761</a></td>
</tr>
<tr>
<td>Interface Arduino to MySQL using Python</td>
<td><a href="http://arduino4projects.com/?p=11817">http://arduino4projects.com/?p=11817</a></td>
</tr>
<tr>
<td>Interfacing a Digital Micrometer to a Microcontroller</td>
<td><a href="http://arduino4projects.com/?p=7563">http://arduino4projects.com/?p=7563</a></td>
</tr>
<tr>
<td>Interfacing Electronic Circuits to Arduinos</td>
<td><a href="http://arduino4projects.com/?p=1099">http://arduino4projects.com/?p=1099</a></td>
</tr>
<tr>
<td>Interfacing EM-18 RFID reader with Arduino Uno</td>
<td><a href="http://arduino4projects.com/?p=2288">http://arduino4projects.com/?p=2288</a></td>
</tr>
<tr>
<td>Internet Devices for Home Automation using Arduino</td>
<td><a href="http://arduino4projects.com/?p=10496">http://arduino4projects.com/?p=10496</a></td>
</tr>
<tr>
<td>Internet Devices for Home Automation</td>
<td><a href="http://arduino4projects.com/?p=113">http://arduino4projects.com/?p=113</a></td>
</tr>
<tr>
<td>Internet-Controller RC Car using Arduino</td>
<td><a href="http://arduino4projects.com/?p=9820">http://arduino4projects.com/?p=9820</a></td>
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<tr>
<td>Interval Long Exposure Camera</td>
<td><a href="http://arduino4projects.com/?p=12229">http://arduino4projects.com/?p=12229</a></td>
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<tr>
<td>Intervalometer for Sony NEX 5n</td>
<td><a href="http://arduino4projects.com/?p=12322">http://arduino4projects.com/?p=12322</a></td>
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<tr>
<td>Intro to Arduino</td>
<td><a href="http://arduino4projects.com/?p=12748">http://arduino4projects.com/?p=12748</a></td>
</tr>
<tr>
<td>Intro to Model Airplane Autopilot</td>
<td><a href="http://arduino4projects.com/?p=12586">http://arduino4projects.com/?p=12586</a></td>
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<tr>
<td>Introduction to Packet Radio and Arduino Controlled LED Strips</td>
<td><a href="http://arduino4projects.com/?p=3064">http://arduino4projects.com/?p=3064</a></td>
</tr>
<tr>
<td>iPod Information Screen Rev. 2</td>
<td><a href="http://arduino4projects.com/?p=7156">http://arduino4projects.com/?p=7156</a></td>
</tr>
<tr>
<td>iPod Information Screen using Arduino</td>
<td><a href="http://arduino4projects.com/?p=4922">http://arduino4projects.com/?p=4922</a></td>
</tr>
<tr>
<td>IR Harp using arduino</td>
<td><a href="http://arduino4projects.com/?p=14508">http://arduino4projects.com/?p=14508</a></td>
</tr>
<tr>
<td>Irrigation logic controller/project log using Arduino</td>
<td><a href="http://arduino4projects.com/?p=9705">http://arduino4projects.com/?p=9705</a></td>
</tr>
<tr>
<td>ISP Clip for ATtiny44/64 (or others!)</td>
<td><a href="http://arduino4projects.com/?p=10731">http://arduino4projects.com/?p=10731</a></td>
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<tr>
<td>iTime clock in a Mac Mini box using Arduino</td>
<td><a href="http://arduino4projects.com/?p=4669">http://arduino4projects.com/?p=4669</a></td>
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<tr>
<td>John Doherty’s Lab Notebook</td>
<td><a href="http://arduino4projects.com/?p=11858">http://arduino4projects.com/?p=11858</a></td>
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<tr>
<td>Joystick controlled Camera using Arduino</td>
<td><a href="http://arduino4projects.com/?p=4622">http://arduino4projects.com/?p=4622</a></td>
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<tr>
<td>Just Veggin with an Arduino Beetbox</td>
<td><a href="http://arduino4projects.com/?p=2703">http://arduino4projects.com/?p=2703</a></td>
</tr>
</tbody>
</table>
LED Calculator with Rotary Quadrature Encoder for Target System Voltage Selection using Arduino

LED Clock

LED Cube Spectrum Analyzer

LED Cylinder using Arduino

LED Dawn / Sunrise Alarm Clock, Nightlight & Security Light – Arduino Compatible

LED Dot Matrix Display using an Arduino

LED Flipbookit: full color and brightness control with an Arduino

LED Gingerbread house using arduino

LED Hat Display with Pong using an Arduino

LED Head Arduino TED

LED Matrix Bike Safety Backpack using arduino

LED matrix using shift registers using arduino

LED Matrix with Game Controller using an Arduino

LED Microcontroller Debug Module

LED Pattern Hat using an Arduino

LED Shoulder Pads

LED Show 2 using Arduino Esplora

LED Show using Arduino Esplora

Led Slot Machine Costume using Arduino

Led Star with Arduino and WS2811 Neopixels

LED Super Mario Piranha Plant using an Arduino

LED Umbrella with Arduino using arduino

LED Watch using an Arduino

LEGO + Arduino = Brickduino (1. the LED)

Lego Spybotics with Arduino

LEG0 T-Intersection LED Traffic Light using Arduino

Lego Technic Car with Arduino + XBee Wireless Control

LeoStick Getting Started Guide

Let's cook: 3D scanner based on Arduino and Processing

Light and obstacle detecting bot using arduino

Light and Water Reactive Raincoat

Light Clapper using arduino

Light Meter Using I2C Level Converter, LCD, and TSL2561 using arduino

Light Painters Palette aka Light Box
Light Seeking R.C Car Hack (with Arduino) using arduino

Light Sensing LEDs using Arduino

Light Suit

Light-Up Disco Table using Arduino

Lightning Shutter Trigger for a Camera using Arduino

LilyPad Arduino e-Reader Case

LilyPad Arduino Rocket Ship Cape

LilyPad Arduino Sensor Demo Mat

LilyPad Arduino Stuffed Fox Toy

LilyPad Arduino Totoro Plush with Umbrella

LilyPad Arduino – the wearable technology using arduino

Line Following Robot using arduino

LINUSBot – Line Follower Robot using Arduino

Lite Brite LED clock using an Arduino

Lithium Battery Solar USB – iPhone – Arduino Charger

LittleBitty Joe using arduino

LittleGoal: World Cup Match Notifier using Arduino

Localizer with SIM908 module using arduino

Localizer with SIM908 module using Arduino

LOG Arduino Sketches 101

LoL Shield Audio Spectrum VU Meter using arduino

Love Gauge

Low cost digital microscope with automated slide movement using arduino

Low cost Ethernet shield with ENC28J60 using Arduino

Low Cost LED Grid

Low resolution display done right

Lunch Decider Wheel using arduino

Lunchtime Clock using arduino

Machine Design

Magic Light Capacitance Sensor using an Arduino

Magic Music Table No menus, no buttons using arduino

Magical Colour Copying Chameleon Lamp using Arduino

Magpi: The Micro Arduino Gaming Platform Interface
Make a 24×6 LED matrix using an Arduino

Make a Desktop Tamagotchi

Make A Digital Clock From Scratch using arduino

Make a digital "meow" from analog clock using arduino

Make a Fire Breathing Animetronic Pony from FurReal Butterscotch or S'Mores using arduino

Make a High-Altitude Balloon Tracker (Arduino)

Make a Mini LED Siren powered by Arduino

Make a simple platform and give mobility to your computer using arduino

Make an Arduino LCD shield

Make an Arduino timer

Make an Atom Synchronised Clock from a 1950's Slave Dial using Arduino

Make an Attiny13 based IR proximity sensor

Make an Emoticon Jacket with LCD screen using Arduino

Make an Oscilloscope Using the SainSmart Mega2560 with the TFT LCD shield and the 3.5" color touch screen

Make another Arduino LCD shield

Make Electronic Dice using Arduino

Make Money with Arduino

Make Telecran with Arduino

Make Voice Call using Arduino

Make Wired Robotic Arm Edge to "Wireless" with DIY Arduino and XBee

Make your own 1×1 22 IO pin Arduino Compatible

Make your own cell phone from scratch

Make your own custom Arduino compatible

Make your own Custom Electronic Widgets, like my Arduino LED Day/Night Widget

Make your own Enigma Replica

Make Your Own GRBL CNC Pendant

Make your own programmable thermostat for $66 with Arduino

Make your own TV ambilight using Arduino

Make your pet dishes tweet

Make your plant smile using Arduino

MaKey MaKey Monome using Arduino
MaKey MaKey Shield for Arduino
Making 1×10 LED Array with Random Patterns
Making a 9v Battery DC power supply
Making a Better Mouse Trap
Making a Mayan Tzolkin Calendar
Making a program start using a switch
making art interactive
Making Music with Makeblock
Making Robots Using Android and Arduino
Making sound (noice) machines using Arduino
Making the Good Night Lamp using Arduino
Making the TFF: a dress that gets excited when tweeted
Marble Disorder – a marble maze simulator with tilt switches using Arduino
Matrix sound machine: Generative music with a particle system using Arduino
Maze Solving Robot
Measure RPM – Optical Tachometer using Arduino
Measuring Battery Capacity With an Arduino
Mechanical Bull for Dolls
Mechanical Led Matrix Display
MEGAshield KIT for Arduino MEGA 2560 R3 and Arduino DUE
Memsic 2115 Accelerometer using Arduino
MenZ-DECK
Micro LASER Show with a CD Lens Mechanism using Arduino
Microcontrolled AC switch using arduino
Microcontrolled Farm Equipment
Microcontrollers: The Basics
MIDI Bass Pedal Arduino Encoder using arduino
Midi Light Show using Arduino
MIDI Note Player using Arduino
Mini Arduino environment monitor ** UPDATE – Added RTC **
Mini Billboard using Arduino
Mini Invisible MIDI Harp
Minimal Arduino with ATmega8
Minimal Arduino with ATmega8

Mint Tin Hero using Arduino

Mint-Sized Success Meter (quit smoking!) with Arduino

Mobile Chicken Coop with some automation using Arduino

Mobile Earth Rover One – 3G Exploration using Arduino

Model Airplane Autopilot using Arduino

Model Police Car using an Arduino

Modern RGB LED Clock using Arduino

Modifying a Robot Arm using Arduino

Momentary Switch as Digital Sensor using arduino

Momentary Switch as Digital Sensor

Monitor – Thinking Skins using Arduino

Monkey Automatons!

Mood Lamp with Arduino

More Humane Moisture sensor

Morse-code trainer

Motion Controlled Robotic Arm

Motion Controlled Ultrasonic Lamp using Arduino

Motion Sensing Digital Camera & Alarm using Arduino

Motion Sensing Eye using arduino

Motion Triggered Fog Machine using an Arduino

MOTOR SWITCH LED

Mounting a Smapler v0002 step by step

Mouse Control With Pushbuttons using arduino

MP3 Interface for Arduino

MQ-8 Hydrogen Gas Sensor Circuit Built with an Arduino

Mr. Indecision – a small felt version of yourself that turns its head and looks at you using Arduino

Mug Music: Turn Water Into an Instrument with Arduino and ChucK

Multfunction Digital Thermometer using an Arduino

MultiMovEDIA – Description of my Project

MultiMovEDIA

Multiplexing 7 Segment displays with Arduino and Shift Registers

Multiplexing with Arduino and the 74HC595
One Touch Wardrobe using an Arduino

Online Thermometer using Arduino

Open a box with the flick of a switch!

Open Bitcoin ATM using Arduino

Open Source Hearing Impaired Alarm Clock using Arduino

Open source multi-channel EEG/ECG/EMG

Open Source Server Room Monitor using Arduino

OpenSquare – Write big with a RC car

Orange mePod

ORP / pH / Temperature Data Logger

Oscilloscope / Logic Analyzer using Arduino

Over the Counter Kitchen Radio using Arduino

Pachube Client using Arduino

Pachube Client using Strings with Arduino

Paint Pulse: Digital Water Marbling

Palm Arduino Board V3

Palm Arduino II

Palm Arduino V3

Pan & Tilt Servo bracket controlled by Arduino

Pan/Tilt Motion System for Control Education

Paper Electronics: Make Interactive, Musical Artwork with Conductive Ink using Arduino

Paper Man: a machine created by Arduino and NFC

Papercraft Automata Race Game littleBits Circuit using Arduino

Paperduino 2.0 with Circuit Scribe - Paper Arduino

Passive Sensors – Detecting Light and Motion

Password access with arduino

PCB on a Box using Arduino Board

PCB Quadrotor (Brushless)

pedalSHIELD Arduino Guitar Pedal

Pee to Check-In to Foursquare – Mark Your Territory using Arduino

Peggy2: High And Low

Perfboard Hackduino (Arduino-compatible circuit)

Perfboard Hackduino Arduino-compatible circuit
Perfduino: Build Your Own Arduino Microcontroller

Persistence of Vision Wand using Arduino

Personal Space Defender

Personalised Word Clock using Arduino

Pet Curfew: An Arduino Controlled Pet Door

PEZ Robo Dispenser Using Arduino

Phone Controlled Mood Lighting

Physical Computing with Arduino

Physical Pixel using Arduino

Plane Stairs with Arduino and Raspberry Pi

Pimp My Zoomobil using Arduino

Pimp Your Chocolates with Arduino IDE and ATtiny13

Ping Organ using an Arduino

Pitch follower using the tone() function using Arduino

Pixel Drop Ceiling using Arduino

Pixel Shipped Counter

PixelBrite

Pi – In A Single Digit using an Arduino

Plantduino Greenhouse using an Arduino

Play a Melody using the tone() function with Arduino

Play Music using Arduino Esplora

Playing Wave file using arduino

Plugduino – Arduino based 120 Volt outlet controller

Plush toy, singing with Mommy's voice

Pneumatic Inverted Pendulum

Poduino Case

Polar Plotter on Arduino and MakerBeams

Police Lights using an Arduino

Pololu Dual MC33926 Motor Driver Shield for Arduino

Pololu Dual MC33926 Motor Driver Shield for Arduino

Pololu Motor Controller Testing and Troubleshooting

Polydexter: Arduino Robotic Translation Arm

Pong Playing Flexible Screen on a Shirt

Poor Man's Robot Base
PORTABLE FORCED-AIR COOLING UNIT

Portable Haptics System Hardware

Potentiometer or variable resistor control LED Code

Power (Energy) Meter using Arduino

Power Arduino with a cellphone

Power off from an Arduino Sketch using the Pololu Power Switch

Power Supply unit for arduino power and breadboard using arduino

Power your Arduino with a Hand-Cranked Battery

Powerbox: The Safe AC Power Meter

Precision Fermentation: Arduino-Controlled Crock Pot Yogurt Maker

Pressure Activated Light-Up Umbrella using an Arduino

Printer to vinyl cutter hack

Program an ATtiny with Arduino

Program your Arduino with an Android device

Programmable auto filter interface for C64 using Arduino

Programmable Temperature Controller + Hot Plate

Programming a ATtiny2313 with Aceduino

Programming an ATtiny with Arduino 1.0

Programming an ATtiny13A using Arduino & servo interpreter

Programming Arduino in C++11 — ROM dumping

Programming Arduino Wirelessly

Programming the Arduino I/O pins

Project work3: Arduino code and the circuit diagram using arduino

Prototyping shield for Arduino Mega

Proximity sensing mouse wheel scroller using Arduino

Proximity Sensing Origami Flower using Arduino

PS/2 Keyboard Or Mouse using Arduino

PS/2/You: Go-anywhere, LED digital message board using Arduino microcontroller

PS1 Controller Joysticks with Arduino

Psychic Fortune Teller – An automaton that reads the mind of Twitter

Psycho Scooter Scramble using an Arduino

Pulse Width Modulation : PWM using Arduino
PUddle CONTROLLER using arduino
Push-button using an Arduino
Put a Cylon In it
PuttDuino putt-putt hole with Arduino
Python Meets the Arduino
Q&D-Poor man’s-Skinner-Sadist-Jeopardy game using arduino
Qtechknow Robot Obstacle Course using Arduino
Quality of Life Meter
Quantifying Access to your Mind using Arduino
Quantitative Two-Dimensional Temperature Measurements
Quasi real-time oscilloscope using Arduino
Quick and Easy Arduino Compatible H-bridge Shield
Quick and Easy Arduino Nightlight
Quiz Game Controller using "Lights and Sounds Buzzers" and Arduino
Quiz Game Show Buzzer using Arduino
R/C LEGO® Car Redux
R/C LEGO® "The Bull" Buggy
Rabbit Ears on a Cap using Arduino
Radio link between two Arduino boards
Radio Telemetry for a Model Rocket using arduino
Radioactive Isotope decay simulation
Rainbow Jar – RGB Pixel Strip Controlled via Arduino
Rainbow Mega Pong Clock using Arduino
Rainbow Word Clock using Arduino
Rainbowduino Sign using Arduino
Randomized Arduino Drum Machine
Raspberry Pirate Radio
Rave Rover – Mobile Dance Stage
RC Car Anti-Crash System Using Arduino
RC Car to Robot using arduino
RC MOOD LYTE
RC Paper Tank – Bring your 3D models to life
RC Rocket Launch System

RC tank with a moving FPV camera using Arduino

Reaction Time tester using an Arduino

Reaction Timer using an Arduino

Read analog data directly in Processing using arduino

Read ASCII String using Arduino

Reading Digital Callipers with an Arduino

Reading pulses from meters with pulse outputs using arduino

Reading RFID Tags with an Arduino

Real-Time Arduino GPS Tracker with iPhone app

Real-Time Energy Monitor with Arduino and LabVIEW using arduino

Real-time room temperature on your Website using Arduino

Rear Wheel Tachometer using arduino

Rear Wheel Tachometer using arduino

Rechargeable Battery Capacity Tester using arduino

Reddit Controller, USB Upvote/Downvote button

Redefining the TV Remote using Arduino

Reginald: a UDP surveillance bot; control via the Internet using Arduino

Relay Motor Control Circuit

Remake the Mosquito Killer using Arduino

Remote Control Door – Internet Your Thing

Remote control via GPRS or GSM SMS using Arduino

Remote control via GPRS/GSM SMS(Arduino)

Remote controlled webcam using Arduino

Remote key-switch operation

Representing audio through vibration with Arduino

Resistor Color Code Calculator with Arduino

Retablillo de las Maravillas v1.0

Review – Maxim MAX7219 LED Display Driver IC using arduino

Reviving a dead arduino

RFID-DS: MP3 Playing RFID Thing

RFID touch screen Automated Bar – Barduino v2.0 with Facebook Integration!

RFIDuino – Using an Arduino & RFID Reader to make a puzzle GeoCache

RFM12B – Part 1 – Hardware Overview
RGB / RFID Lamp

RGB Color Sensor on Arduino

RGB flashing iPod dock from an old speaker

RGB lamp with Custom Moodlamp Library using Arduino

RGB LED Color Selector

RGB LED Rainbow Fader using an Arduino

RGB LED Skate Light

RGB LED Strip Circuit with Arduino

RGB LED Tutorial (using an Arduino) (RGBL) using arduino

RGB LED with Arduino 101

RGB's with Arduino and Processing

Robo-Mobile – A Homemade Bluetooth Robot using arduino

RoboBrnd using arduino

RoboDolly

Robopod the Arduino Powered Robot

Robot arm from a desk lamp (IKEA Tertial hack)

Robot Arm Set using Arduino

Robot shield for Arduino Board

Robot Snake

Robotic Arm Trifecta (Science Olympiad)

Robotic Eye using Arduino

Robotic Spider VB

Robotic Talking Turret using Arduino

Rock Paper Scissors Spock Lizard using Arduino

Rocket Brand Studios Medium Tank using arduino

Rocket Brand Studios Tiny Tank using arduino

Roll-A-Way Rover using an Arduino

Room roving robot – phase 1 using arduino

Rotary Emotiphone using Arduino

Rubik's Cube Solver using arduino

S.A.M. Spring Aided Machining (CNC with adhesive remover)

Salvaging an LCD from a fax machine using an Arduino

Salvaging Liquid Crystal Displays (LCDs)
Save data of temperature and humidity on MySQL with Arduino Uno and Wifly

Say Hello with My Roommate Mouse with Arduino

Schematic Entry and PCB layout

Scintillino – an Arduino-based quick&dirty scintillation counter

Scratch 4 Arduino and Cybot Control (Rover basics)

Scratching with Arduino

SD Card DataReadable Anywhere

Second degree equation solver with Arduino

Secret Compartment Chess Set

Secret KnockDetecting Door Lock using Arduino

Secret Knock Final using arduino

Security / Automation Sensors using Arduino

Self Balancing Segway Instructabot

Self Balancing Unicycle

Self Sufficient Arduino Board

Self-Balancing Robot

Self-balancing skateboard/segway project Arduino Shield

Self-contained 16-Digit display – Arduino & Attiny85

Self-Contained 7x7x7 LED Cube using Arduino

Self-Contained 7x7x7 LED Cube

Self-Watering Plant using an Arduino

Send and Receive MIDI with Arduino

Sending and Receiving String via UDP using Arduino

Sending Message Using Alpha-Numeric Keypad with GSM and Arduino

Sensing color with the ADJD-S371 + Arduino

Sensing Squeeze using Arduino

SensoDuino: Turn Your Android Phone into a Wireless Sensors Hub for Arduino

Sensor Arduino Lab 2013

Sensor Less 3d Printed Robot

Sentryduino! Its the all new Sentry turret

Serial Call and Response using Arduino

Serial Call and Response with ASCII-encoded output using Arduino

Serial Communications with Arduino using arduino
Serial Communications with Arduino
http://arduino4projects.com/?p=5152

Serial Duplex using an Arduino
http://arduino4projects.com/?p=14391

Serial Servo Controller with Arduino
http://arduino4projects.com/?p=1188

Servo 360 rotation mod (Parallax)
http://arduino4projects.com/?p=12716

Servo Feedback Hack (free)
http://arduino4projects.com/?p=1110

Shade Technologies – Prototype I Final Report: Motorized Wheelchair Canopy using Arduino
http://arduino4projects.com/?p=13967

Shaun The Noisy Sheep using Arduino
http://arduino4projects.com/?p=13436

Siduri – An Arduino Control Smart Coaster
http://arduino4projects.com/?p=10552

Sign Language Translator using Arduino
http://arduino4projects.com/?p=2140

Simon Game
http://arduino4projects.com/?p=11746

Simon the Octopus
http://arduino4projects.com/?p=12675

Simple 18dof Hexapod, Arduino nano (optionally with pololu maestro)
http://arduino4projects.com/?p=7390

Simple 2-way motor control for the Arduino
http://arduino4projects.com/?p=2751

Simple and impressive Business Card Printer
http://arduino4projects.com/?p=10328

Simple and reasonably accurate pedometer system
http://arduino4projects.com/?p=11826

Simple Animatronics with Servos and Arduino using Arduino
http://arduino4projects.com/?p=13535

Simple Arduino Book clock
http://arduino4projects.com/?p=2127

Simple Arduino data-collection
http://arduino4projects.com/?p=10718

Simple Arduino L.E.D Police Lights
http://arduino4projects.com/?p=2261

Simple Arduino light meter
http://arduino4projects.com/?p=11271

Simple Arduino Traffic Lights
http://arduino4projects.com/?p=5179

Simple Arduino Wing Shield
http://arduino4projects.com/?p=10532

Simple Basement Security System using Arduino
http://arduino4projects.com/?p=9859

Simple Buck LED Driver with PWM Input
http://arduino4projects.com/?p=12642

Simple Datalogger
http://arduino4projects.com/?p=10721

Simple Ipod Controller using Arduino
http://arduino4projects.com/?p=2267

Simple keyboard using the tone() function using Arduino
http://arduino4projects.com/?p=4023

Simple Parking Sensor using Arduino
http://arduino4projects.com/?p=2642

Simple RC car for beginners (Android control over Bluetooth)
http://arduino4projects.com/?p=12129

Simple Relay Shield for Arduino
http://arduino4projects.com/?p=2371

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Stripboard Arduino

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Turn your Arduino Into a Magnetic Card Reader

Turn your Arduino into the best gift of all

Turn your Arduino Uno into an USB-HID-Mididevice

Turn your Arduino into the best gift of all

Turn your Arduino Uno into an USB-HID-Mididevice

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Urban Sensing Networks using Arduino

USA Flag made with diffused LED using Arduino

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Wireless nunchuk controlled animatronic doll

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