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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<th>Old Simple Project List</th>
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View 10sec video to understand given list

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https://duino4projects.com/arduino-project-list/
DS1307 IC Clock using arduino

Dual LED Flasher

How to Build an Arduino Circuit on a Breadboard

How to build an Arduino energy monitor – measuring mains voltage and current

LPG sensor using arduino

MMAE Graduate Robotics

Solar Tracker Relay circuit using Arduino

TFT Display with microSD breakout board using arduino

$1.50 Arduino TV Annoyer

(w/ Video) Basic Arduino Robot, Light Seeker! using arduino

*duino Keg Temp Monitor, or the Quest for the Perfect Pint

0 to 99 Light display

1 LED Game with Arduino Uno and an RGB LED

123D Scanner – Home made 3D Scanner

1RE45 Non contact digital thermometer using arduino

2 player Pong using Arduino

2 Ways to Papercraft Stopmotion

2-Player Pong Game with Arduino Uno

3 LED Crossfade with PWM and Arduino

3 wires interface for LCD display using Arduino

3-dimensional Star Cluster using an Arduino

3D AIR mouse | Arduino + Processing

3D LED Cube using arduino

3D Printed Arduino Controlled Eggbot/Spherepot

3D Printed Digital Camera

3D Printed Webcam Controller
3D-Printed Biologically-Inspired Robotics

3x3x3 LED cube shield using arduino

3x3x3 LED Cube with Arduino Lib using arduino

3x3x3 LED PVC Light Cube using Arduino

4 Servo drive CellBot which can be remotely controlled using Arduino

48×8 SCROLLING MATRIX LED DISPLAY USING ARDUINO CONTROLLER

4x Multiplexed RTD Temperature sensor module

4x4x4 Interactive LED-cube with Arduino

4x4x4 LED Cube (Arduino Uno)

4x4x4 LED Cube Arduino

4x4x4 LED Cube w/ Arduino Un

4x4x4 LED-cube based Arduino and Flower protoboard

4x4x4 RGB LED Cube using Arduino

5x5 dot matrix on Arduino

5x5x5 LED Cube – Orientation Independent 3D Display

5×5 LED Cube using Arduino Uno

5x5 rgb lpd6803-led matrix arduino controlled

6 button RGB controller using Arduino

64 pixel RGB LED Display – Another Arduino Clone

7-Key Slider/Wheel Tutorial with Synthesizer

8 LED Chaser with 74HC595 8 Bit Shift Register using arduino

8x8x8 LED Cube with Arduino Mega (+Sound +PS controller +Game)

8×8 LED Matrix Animations using an Arduino

9 Volt battery adapter for Arduino

[Arduino] Linefollower with photoresistors

[OoB] Shooting paintball maker with relay, Arduino and .NET WinForms


A arduino library for the MAX7221 and MAX7219

A Beginner's guide to making an Arduino Shield PCB

A cardboard televiisor (with arduino and LEDs)

A compact, Arduino altimeter for RC Planes

A credit card sized Ethernet Arduino compatable controller board

A DIY photoplethysmographic sensor for measuring heart rate

A DVD Player Hack

A Facebook-Connected, Arduino-Powered Music Party

A Gentle Introduction to Arduino for Scratch Users

A laser barrier with Arduino

A laundry alarm for the hearing impaired and everyone else using Arduino

A Makers Wedding – Photo booth using arduino

A new board for the 3Drag: there's more than Sanguinololu using arduino

A Planar 2-DOF Haptic Device for Exploring Gravitational Fields

A Robotic lawn mower powered by Solar Energy with an Arduino heart

A Self-Contained Data Logging Anemometer

A Simple and Very Easy Inverted Pendulum Balancing Robot

A simple DIY spectrophotometer using raduino

A solar tracking automatic motorized window blind retrofit using Arduino

A Study In Non-Standard Distributed Computer Architecture using Arduino

A useful and simple IO Shield for Arduino

A Voice Shield for Arduino Board

A watering controller that can be home networked using an Arduino
A wireless voice-controllable household system

A World of Possibilities with Java ME + Bluetooth + Arduino

AAA Robot (Autonomous Analog Arduino)

ABC 123 Toddler Trainer using Arduino

AC Arduino dimming circuit

AC Dimmer Circuit: 46

AC Dimmer Circuit

Accelerometer Dice with 123D Circuits

Accelerometer powered LED dress

Accelerometer Table using Arduino Esplora

Access control with Arduino plus Keypad 4×4 plus Servo

Accessing 5 buttons through 1 Arduino pin

Acorn Chime using arduino

Acrylic Arduino Prototyping Stand

Adafruit Arduino Motor Shield Build

Adafruit Flora NeoPixel LED Ring Headphone mod

Add a real-time clock to the Freetronics TwentyTen using Arduino

Add Linux, WiFi, Ethernet and USB to Arduino

Adding CV inputs to the Audunio granular synth

Addressable Milk Bottles (LED Lighting + Arduino) using arduino

ADXL3xx Accelerometer using an Arduino

Aergia: Android controlled TV Remote(with Speech Recognition) using Arduino

AIR Project using an Arduino

Airmonica – a free-air musical instrument

Alarm Clock Overkill

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

An 8-Bit Waterfall using Arduino

An amplifier for Arduino

An animation inside a water drop by Physalia

An Arduino Powered (Scale) Speed Trap

An Arduino real time clock shield

An Arduino RSS Feed Display

An Arduino Thermometer with Digital Display

An easy way to send your heartbeat to the Cloud using arduino

An FM Stereo Broadcaster PLL using Arduino

An FTIR Touchscreen Device

An I²C Bus powered Arduino IO Expander Board controlled via Bluetooth and Android

An Open Source, hackable Digital Clock

Analog audio panel for PC using Arduino

Analog Clock And Temperature sensor On An Oscilloscope using Arduino

Analog Fabric Joypad using an Arduino

Analog In with an Arduino

Analog In, Out Serial using Arduino

Analog Input using Arduino

Analog Read Serial using Arduino

Analog Read Voltage using Arduino

Analog reading box using an Arduino

Analog Sensors using arduino
Analog VU meter and Clock using Arduino

Analog Write with 12 LEDs on an Arduino Mega

Android & Arduino Controlled Projector Screen

Android Accessories Made Easy With Arduino

ANDROID BASED ROBOTICS

Android talks to Arduino board

Android talks to Arduino

ANDROID+ARDUINO ADK+RGB led

Android-Controlled Pneumatic Cannon Powered By Arduino

Animatronic Eyes and Wii Nunchuck Part 2 using Arduino

Animatronic Green-Winged Macaw Papercraft

Animatronic Stargate helmet using Arduino

Animatronic Tentacles with Arduino

Another Arduino Traffic light

Appliance Remote Control using Arduino

Aqua Garduino Mini @hydroFishAqua82

Aquameterduino: Water meter plus Arduino

Aquarium Light V1

Arcade Button MIDI Controller using arduino

Ardu-Bot-Tom – RF Link Controlled Robot

Ardu-pong! the Arduino based pong console

Arduilay

Arduino & Processing – Getting values from SRF05 ultrasound sensor & serial port

Arduino & Visual Basic 6 Light Controller

Arduino (optic fibre)
Arduino + 2 Servos + Thumbstick (joystick) using arduino

Arduino + Compass Module 3-Axis HMCS883L

Arduino + fischertechnik TX-C – Connecting I2C True Colour Sensor

Arduino + Laptop Touchpad using arduino

Arduino + LEDs + fan = POV "APPLAUSE" sign

Arduino + Processing – 3D Sensor Data Visualisation

Arduino + Processing – Make a Radar Screen to Visualise Sensor Data from SRF-05 – Part 1

Arduino + Processing – Make a Radar Screen – Part 3: Visualising the Data from Sharp Infrared Range Finder

Arduino + Processing: Make a Radar Screen to Visualise Sensor Data from SRF-05 – Part 2: Visualising the Data

Arduino + Temperature + Humidity

Arduino + WiFi, Music Responsive LED Light Fixture using arduino

Arduino 2-axis servo solar tracker

Arduino 3-axis Mini Lazer Paper-Cutter

Arduino 4 led madness

Arduino 4wd robot with ping sensor “J-Bot”

Arduino 4x4x4 LED Cube

Arduino 7 segment Displays Digital Clock With Charlieplexing LEDs

Arduino 7-Segment Thermometer

Arduino ADK LED Lighting

Arduino Air Cap-Sense Piano

Arduino All-in-One Getting Started Guide

Arduino All-in-One Remote

Arduino Alphabet

Arduino Analog Inputs

Arduino and 7 segment LED display decoder

Arduino and CueCat barcode scanner
Arduino and L293D Robot (Part 1)

Arduino and Touchpad Tic Tac Toe using arduino

Arduino and Xbee wireless setup

Arduino animatronics- make your awesome costumes more awesome

Arduino ATmega328 – Hardcore

Arduino ATtiny2313 Programming Shield

Arduino Audio DAC Options

Arduino Automatic Temperature & Humidity Controller for Pets

Arduino Automatic Watering System For Plants Sprinkler

Arduino automatic watering system

Arduino Backlit LCD shield

Arduino Barometric Pressure Web Server

Arduino Based Auto Timer

Arduino Based Automated Lighting Control

Arduino based Bi-color LED Matrix Audio Spectrum Visualizer

arduino based distance sensor using arduino

Arduino based Etch A Sketch Laser Cutter

Arduino Based Four Legged Robot

Arduino based Graph

ARDUINO based IR remote control robot using arduino

Arduino Based Temp and Humidity Display

Arduino Basic Wifi Project using ESP8266 wifi module

Arduino Basics: RCtime using arduino

Arduino Basics: Working One LED

Arduino Battery
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Arduino Circular Cylon!

Arduino Clock using Standard Clock Display

Arduino Color Sensor

Arduino Color Sensor

Arduino Combi-button Lock optional Android support

Arduino Combination Door Lock: Lockduino

Arduino compatible Luna Mod Looper

Arduino Control DC Motor via Bluetooth

Arduino Control via a Web Service with Teleduino

Arduino controlled animatronic wooden head (reading lamp) using arduino

Arduino Controlled ATX Power Supply

Arduino controlled automated blinds with Web UI

Arduino Controlled Bell Tower or Carillon

Arduino controlled Bluetooth-bot

Arduino Controlled Can Crusher With LCD Readout

Arduino Controlled Catapult

Arduino Controlled Digital Window Sticker

Arduino controlled Interactive wallpiece

Arduino Controlled Lego Lighthouse

Arduino Controlled Lighthouse

Arduino Controlled Motion Sensor

Arduino Controlled Nerf Vulcan

Arduino Controlled Relay Box

Arduino Controlled RGB LED Dot Matrix Board

Arduino controlled Rotary Stewart Platform
Arduino Controlled Servo Robot (SERB) using arduino
Arduino Controlled Solar Fountain
Arduino controlled webcam panner
Arduino controlled window for cat
Arduino controls cheap RC car transmitter
Arduino datalogging accelerometer with µ-SD storage
Arduino DDNS (Dynamic DNS) by Open-Electronics.org
Arduino decision box (Attiny85)
Arduino desktop application on java in LAN
Arduino Digital 7-Segment Thermometer
Arduino Digital Switch Code
Arduino DIY SD Card Logging Shield
Arduino DMX shield for Christmas projects
Arduino Double Dice Jewelry Box w/ Secret Switch
Arduino Dragon Wings
Arduino Drawbot
Arduino Electromagnetic Field Detector
Arduino Electronic Dice using random numbers
Arduino EMF Detector
Arduino Esplora Accelerometer
Arduino Esplora Blink Code
Arduino Esplora Joystick Mouse
Arduino Esplora Kart
Arduino Esplora Light Calibrator
Arduino Esplora Microphone (Sound Sensor)
Arduino Esplora Pong

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http://duino4projects.com/arduino-project-list/
Arduino Projects List - About 1500 Arduino List of Projects

1. Arduino holder
2. Arduino Home automation
3. Arduino home energy monitor shield
4. Arduino HVAC Servo Thermostat or Controller
5. Arduino I2C and Processing
6. Arduino Internet Controlled Desk Lamp
7. Arduino Interrupts and Debouncing
8. Arduino IR Musical Stairs
9. Arduino IR Transmitter & Receiver w/ LEDs Flickering Issue
10. Arduino ISP (In System Programming) and stand-alone circuits
11. Arduino ISP – LOG
12. Arduino Joystick Breadboard with LCD Output
13. Arduino Joystick Mouse Control Code
14. Arduino Keyboard and Mouse Control Code
15. Arduino Keyboard Message Code
16. Arduino Knight Rider Code
17. Arduino Knight Rider
18. Arduino Lab 2 – Morse Code Generator
19. ARDUINO Laser 3D Tracking or Range Finder
20. Arduino Laser Engraver
22. Arduino Laser Show (adapted from NothingLabs' Instructable)
23. Arduino Laser Show with Full XY Control using arduino
24. Arduino LCD Metronome
25. Arduino LCD Thermometer

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Arduino Police Strobe Light Code
Arduino Power outlet with exposed pins
Arduino Powered, RGB + White LED, Bluetooth controllable, Floor lamp
Arduino Powered 3-zone thermostat
Arduino powered 7seg led display with Port Manipulation
Arduino Powered Autonomous Vehicle
Arduino Powered Binary Clock
Arduino Powered Four Letter Word Generator
Arduino powered GLCD (Graphic LCD)
Arduino powered hangman giftbox/lockbox
Arduino powered Haunted Pumpkin using arduino
Arduino powered Lucky Cat as physical Webcounter
Arduino Powered Mushroom Environment Control
Arduino Powered Nixie Tubes: ArduiNIX Nixie driver shield assembly
Arduino powered Solar Battery Charger
Arduino Processing Audio Spectrum Analyzer
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Arduino Programming With Atmel Studio 6.0
Arduino Project Board
Arduino project: Stereo Peak Program Meter using arduino
Arduino Projects on a breadboard (no serial com)
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Arduino Prototype Center
Arduino Prototyping Shield on the cheap
Arduino punk console
Arduino Projects List - About 1500 Arduino List of Projects

Use Arduino for Projects

http://duino4projects.com/arduino-project-list/

Arduino PWM Led Control using arduino

http://duino4projects.com/?p=3677

Arduino Quadruped Robot Stalker

http://duino4projects.com/?p=14952

Arduino Quilting Machine

http://duino4projects.com/?p=3709

Arduino R/C Lawnmower

http://duino4projects.com/?p=10055

Arduino RFID Door Lock

http://duino4projects.com/?p=1489

Arduino RFID Lock

http://duino4projects.com/?p=1719

Arduino Robot Arm – LarryArm v0.1

http://duino4projects.com/?p=4558

Arduino robot kit – Wiring Diagram

http://duino4projects.com/?p=10695

Arduino Robot V2 (Fast) Also Voice Controlled

http://duino4projects.com/?p=15333

Arduino Robotic Arm

http://duino4projects.com/?p=10202

Arduino Row-column Scanning to control an 8x8 LED Matrix Code

http://duino4projects.com/?p=10559

Arduino RPM Counter / Tachometer Code

http://duino4projects.com/?p=4178

Arduino Scouting Robot

http://duino4projects.com/?p=3847

Arduino SD Cards and Datalogging

http://duino4projects.com/?p=2909

Arduino Seismic Activity Monitor – Ethernet Shield

http://duino4projects.com/?p=3742

Arduino Serial Communication Code

http://duino4projects.com/?p=1208

Arduino Serial Thermometer

http://duino4projects.com/?p=3872

Arduino Servo Basic Code

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Arduino Sew Easy Wearable Shield

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Arduino Skateboard Speedometer

http://duino4projects.com/?p=5102

Arduino Snail Mail Notifier

http://duino4projects.com/?p=707

Arduino Solar Cell Tester

http://duino4projects.com/?p=5165

Arduino Solar Radio

http://duino4projects.com/?p=2410

Arduino Solar Tracker

http://duino4projects.com/?p=14992

Arduino Solar Shield – A DIY solar source for your projects without waiting for PCBs

http://duino4projects.com/?p=2122

Arduino Solar Shield – A DIY solar source for your projects without waiting for PCBs
Arduino Solar Tracking Robot
Arduino SOS signal with 8ohms speaker and LED blinking
Arduino Sound Alarm
Arduino Sprinkler System plus Web control
Arduino Step Sequencer
Arduino stepper motor and servos shield
Arduino Stepper Motor Control
Arduino stoplight web server
Arduino Stopwatch Code
Arduino Street Traffic Light – Breadboard Edition
Arduino String Addition Operator Code
Arduino String Appending Operators Code
Arduino String Case Change Functions Code
Arduino String Character Functions Code
Arduino String Comparison Operators Code
Arduino String Instrument
Arduino Switch (case) Statement, used with serial input
Arduino Switch Statement used with sensor input
Arduino Target Practice
Arduino temperature controlled PC Fan
Arduino Temperature Sensor Code
Arduino text\'In
Arduino The 5$ Karduinoss pad
Arduino theremin like musical instrument
Arduino Thermal Camera
Arduino Thermostat with TC74 sensor
Arduino Projects List - About 1500 Arduino List of Projects

Use Arduino for Projects

http://duino4projects.com/arduino-project-list/

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  http://arduino4projects.com/?p=671
- Arduino Time & Temp Display Shield
  http://arduino4projects.com/?p=6518
- Arduino Time-Lapse Controller
  http://arduino4projects.com/?p=7049
- Arduino Timer Interrupts
  http://arduino4projects.com/?p=4959
- Arduino Touch Screen iTunes control (ATSIC) using arduino
  http://duino4projects.com/?p=12945
- Arduino Touch Screen Room Control
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- Arduino Traffic Light Controller with Remote Control
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- Arduino traffic lights
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- Arduino True Random Number Generator
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- Arduino Trumpet
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- Arduino Tutorial: Capacitive Touch Sensors
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- Arduino Ultrasonic Parking Spotter
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- Arduino Uno – Programming With A Serial Port
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- Arduino V-USB / HID 14 channel data logger
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- Arduino Vocal Effects Box
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  http://arduino4projects.com/?p=4543
- Arduino Weather Station Part2
  http://arduino4projects.com/?p=3160
- Arduino Weather Station Part3, Rain
  http://arduino4projects.com/?p=2621
- Arduino Web Enabled RGB Lighting
  http://arduino4projects.com/?
Arduino Webserver Control Lights, Relays, Servos, etc...

Arduino WiFi Garage Door Opener

Arduino Wii nunchuck and Wii motion plus with updated code for IDE 1.0.2 and LEDs

Arduino Wind Instrument using arduino

Arduino Wireless Animatronic Hand

ARDUINO WIRELESS HOME SECURITY SYSTEM

Arduino Wireless Programming with XBee Series 1 or 2

ARDUINO with XBEE- WIRELESS SETUP DEMO

Arduino - (Very) Basic motion tracking with 2 PIR sensors

Arduino – A Basic Theremin

Arduino – based camera trigger unit

Arduino – Basic Persistence of Vision

Arduino – Basic Theremin meets Processing!

Arduino – Control a DC motor with TIP120, potentiometer and multiple power supplies

Arduino – Control LEDs with a Remote Control

Arduino – Getting my LCD Screen to work

Arduino – IR remote/ intervalometer for Nikon D80 DSLR

Arduino – making a basic drum machine

Arduino – motion triggered camera

Arduino – One Wire Digital Temperature Sensor – DS18B20

Arduino – Simple Simon Says Game

Arduino – Sonic range finder with SRF05

Arduino – Theremin with 7 Segment LED Display

Arduino – Using a Sharp IR Sensor for Distance Calculation

Arduino+Stepper Motor Camera Slider

http://duino4projects.com/arduino-project-list/
Arduino, Sensors, and MIDI

Arduino-Based Blue Box (Phone Phreaking)

Arduino-based event counter

Arduino-based line follower robot using Pololu QTR-8RC line sensor

Arduino-based master clock for schools

Arduino-Based Optical Tachometer

Arduino-Controlled Chemical Foam Spewing Pumpkin

Arduino-Controlled Physics Lab Fan-Cart

Arduino-controlled RGB LED Infinity Mirror

Arduino-controlled, Aluminum Archangel Costume Wings

Arduino-enabled Patron Interaction Counting using arduino

Arduino-13dgeom – Integrating L3DGEWorld and Arduino

Arduino-plex 2.0: Modular Plexiglas Arduino Work Surface

Arduino-Pneumatic Flight Simulator

Arduino-powered A-10 stick grip remote w/Emergency Party Button

Arduino-powered LED Clock

Arduino-Radio Controlled Hydrogen Blimp

Arduino-Square with Color LCD

Arduino: an easier way to work with seven segment displays

Arduino: Controlling the Robot Arm

Arduino: Electrical Engineering Basics

Arduino: Making a set of traffic lights

Arduino: measuring the Earth's magnetic field with the magnetometer HMC5883L using arduino

ArduinoISP Bootloader/Programmer Combination Shield

ArduinoPhone

ArduRoller balance bot
ArduSensor Fun Pack

Ardusumo: an Open Source Platform for Fighting Robots using Arduino

Ariadne – a 1st person maze on a 16x2 LCD using Arduino

ArrDrownHo! – Easily convert AVR to Arduino

Artist's Machine

Artoo [R2] (ATtiny2313 Wall Avoiding Robot)

Arudino- No Blinky

ASCII Table using Arduino

Assembling the 8x8 LED Board Kit

Assembling the ZIFduino USB 1.2

Athena: The Global Car Tracking System (3D Images)

ATTiny powered Arduino Projects

ATTiny programmer using Arduino ISP

ATTiny programming with Arduino

Attiny serial monitor using arduino walkthrough

ATTiny8S POV Display using arduino

ATTiny8S/45/25 LED dice

Audio Input to Arduino

Audio Input using an Arduino Board

Audio Output using an Arduino

Audio VU Meter using Arduino

Audio VU meter with Extra wide Dynamic Range 69 dB using Arduino

Auduino Lo-fi Synth for Arduino

Augmented Water using arduino

Augmenting Plant Behavior Through Robotics using Arduino
Auto Fish Feeder using Arduino

Auto Leveling Laser Cross using Arduino

Auto reset stuff with Arduino

Automate Your Garage Opening Times

Automated LED stairs using arduino

Automatic blind hooked up to existing projector screen using Arduino

Automatic Camera Shutter Switch

Automatic Multi-Photo Taker (Photobooth Style)

Automatically water your small indoor plant using Arduino + pump

Autonomous Arduino Car

Autonomous Autonavigation Robot using Arduino

Autonomous Control of RC Car Using Arduino

Autonomous Paintball Sentry Gun using Arduino

Autonomous Race Car using Arduino

AVR Programming Tutorial

AVRSH: A Command Interpreter Shell for Arduino/AVR. using arduino

Awesome button, and then some. usnig arduino

BabyTrackr

Backpack Anti-Theft Alarm using Arduino

Bacon Alarm Clock - Arduino

Balancing Instructable Robot using arduino

Bar Graph

BARC Jeep – An XBOX Controlled Power Wheels

Barcode Reading using Roborealm Output on Arduino LCD

Barista championship brewing stopwatch • Introduction using arduino

Basic Arduino Tutorials : 01 Blinking LED

http://duino4projects.com/arduino-project-list/
Bass Master 3000 Carnival Game using Arduino

Batgirl Birkin Bag

Battery Reconditioner using an Arduino

BaW-Bot Part 2: Build the motor-controller & body

BaW-Bot Part 3: Adding Sight and Touch to the Bot

Beach Buddy: 3-in-1 Solar Phone Charger, Boombox, and Sunburn Timer Calculator

Beacon

Bear With Me

Beat Sync using an Arduino

Beatfly : Make an illuminating blimp and control it with your voice, Keyboard, MIDI Controller, Garageband file, iPhone, Flash, and more! [Mac OS] using arduino

Bedazzler: DIY non-lethal weaponry using arduino

Bedtime Board using LilyPad Arduino

Beginner Arduino

Beginner Programming of Arduino

Beginners guide to building Arduino robots with Bluetooth and Android

BennyP's Light Contraption using arduino

Best RGB LEDs for any project (WS2812)

Better LED as light sensor

Bicycle North Indicator using Arduino

Bidirectional motor control

Big Ball Maze Game using Arduino

Big Spectrum Analyzer with Arduino

Bike Dashboard

Bike Speedometer using an Arduino

Bike taillight with a twist using Arduino

Bike Turn Signal & Brake Light Handlebars
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Boot Bot Arduino Bootload Shield

Bootload an Arduino with a ZIF Socket

Boozeduino using arduino

Botanicalls Clone using an Arduino

Bouncing Multicolored LED line

Box Scurity 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
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Building an 8x8x8 LED Cube – The Driving Circuit

Building an Arduino Robot, Part II: Programming the Arduino

Building an Breathalyzer with MQ-3 and Arduino

Building an Open Archival Scanning Robot Using Python and Arduino

Building IllyClock – Arduino-based alarm clock in a coffee can using arduino

Building the YaNis EOS Controller using Arduino

Burn Arduino Bootloader on Atmega-328 TQFP and DIP chips on Breadboard

Burning the Bootloader on ATMega328 using Arduino UNO as ISP

Button State Change Detection using Arduino

ButtonHero using Arduino

Buzz Wire Alarm Clock

Calibrating sensor input using Arduino

Camera and flash trigger module using arduino

Camera controller

Candy Tossin Coffin using an Arduino

Capacitive Sensing + Open Frameworks + SPACEBREW

Capacitive Touch Arduino Lamp

Capacitive touch Mood light using Arduino

Capacitive-Touch Arduino Keyboard Piano

Capteur temperature choix du type de degrés par infrarouge using arduino

Capture the Image of a falling object

Capture the Image of a falling object using Arduino

Car No. 06 Programmed Automatic Driving Car using arduino

CARduino – Arduino-Powered, LabVIEW-Controlled Vehicle

Carduino– A simple Arduino robotics platform with its own library
Cat Repelling PIR motion sensor (covert) speaker box alarm using Arduino

CatBot: Automated Cat Laser using an Arduino

Catchin' time using Arduino

CatGenie: A smart, resettable SaniSolution cartridge

Ceiling Fan LED Display using arduino

Cell phone text using an Arduino

Charlieplexed Arduino 8X8 LED Grid Display Shield made and simulated in 123D Circuits

Charlieplexed row of LED lights, for the Arduino

Charlieplexing LEDs with an Arduino

Charliexplexed LED Clock – Arduino

Chat Server using Arduino

Cheap 2-Way Bluetooth Connection Between Arduino and PC

Cheap and Easy MP3 Shield for Arduino

Cheap and effective Sous Vide cooker (Arduino powered)

Cheap Arduino Controlled Yogurt Maker

Cheap Icd screen for the Arduino

Cheap wireless transmission between two Arduinos with Infrared

Cheap working homemade arduino joystick

Chicken Light Timer using an Arduino

CHR's 8X8X8 LED Cube – Revisited with improvements!

Chur-Robot

Classic Joystick to USB Adaptor using Arduino

Clear polycarbonate enclosures using Arduino

Clock Four – Scrolling text clock using Arduino

Clock One – Digital plus Analog Clock An Arduino
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<td>Control TV functions using Analog input and Arduino</td>
<td><a href="http://arduino4projects.com/?p=609">http://arduino4projects.com/?p=609</a></td>
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<td>Control your motors with L293D and Arduino</td>
<td><a href="http://arduino4projects.com/?p=1790">http://arduino4projects.com/?p=1790</a></td>
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<td>Control Your Robot Using a Wii Nunchuck (and an Arduino) using arduino</td>
<td><a href="http://duino4projects.com/?p=13759">http://duino4projects.com/?p=13759</a></td>
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<td>Controllers and Sensors using arduino</td>
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<td>Controlling a clock with an Arduino</td>
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<td>Controlling Cubase with Arduino based MIDI</td>
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</table>
Controlling speed controllers with Arduino

Controlling your trains with an Arduino

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

Core3duino using arduino

Cosmic ray detection from vertical and horizontal directions using three Geiger counters using arduino

Create an Applescript/Arduino Alert flag. using arduino

Create an Internet Connected Pill Dispenser

Create an internet controlled robot using Livebots

Create Interactive Electronic Instruments with MaxMSP

CrEST

Critter Twitter Trap using Arduino

CSCE 236 Embedded Systems

CT sensors – Interfacing with an Arduino

Cup Cooler using an Arduino

Custom Arduino Shield and Sensors

Custom Large Font For 16x2 LCDs using arduino

Custom Large Font For 16x2 LCDs using Arduino

Custom OBD II Gauge in With OEM Look using arduino

CustomKeys using an Arduino

Cwik Clock v1.0 – An Arduino Binary Clock

Cylon Pumpkin

D-Led Shield v1.0 (for monitoring)
Arduino Projects List - About 1500 Arduino List of Projects

Use Arduino for Projects

http://duino4projects.com/arduino-project-list/

D.I.Y Pneumatic Linear Actuators
http://duino4projects.com/?p=11885

Daft Punk Coffee Table 5x5 LED Matrix using an Arduino
http://duino4projects.com/?p=1534

Daft Punk LED Matrix Breakout Board
http://duino4projects.com/?p=12554

Darkness Map Data Collection Device
http://duino4projects.com/?p=11489

Data Logger Project using an Arduino
http://duino4projects.com/?p=2801

DC Motor Control Using an H-Bridge using arduino
http://duino4projects.com/?p=14332

DC motors Relays
http://duino4projects.com/?p=11663

DCF77 master clock MK2
http://duino4projects.com/?p=9317

Debounce an input using Arduino
http://duino4projects.com/?p=4000

Demystifying 4 pin RGB LEDS (Radio Shack 276-0028) using arduino
http://duino4projects.com/?p=13021

Design of small scale smart home system
http://duino4projects.com/?p=11917

Designing and building a synthesizer with Meeblip and Arduino, added videos!
http://duino4projects.com/?p=7387

Desktop Fist Bumper using arudino
http://duino4projects.com/?p=9978

Developed on Hackaday: First Version of the Hardware
http://duino4projects.com/?p=14443

Digispark DIY: The smallest USB Arduino
http://duino4projects.com/?p=4474

Digispark RGB LED Fader
http://duino4projects.com/?p=6815

Digital Book Cricket Game with ATtiny 85 using Arduino
http://duino4projects.com/?p=1884

Digital Clock with Arduino and DS1307
http://duino4projects.com/?p=11294

Digital Clock
http://duino4projects.com/?p=11876

Digital I/O with Arduino Boards
http://duino4projects.com/?p=11728

Digital Read Serial using Arduino
http://duino4projects.com/?p=3970

Digital Zoetrope using Arduino
http://duino4projects.com/?p=9915

Digital/Analog Clock – Arduino + PaperCraft
http://duino4projects.com/?p=7135

Dimmer using an Arduino
http://duino4projects.com/?p=4066

DinoCalc Version 1.0
http://duino4projects.com/?p=7685

Diorama, Bat in the cave using Arduino
Dirt cheap Arduino LED light bar

Discreet Data Logger using Arduino

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

Displaying Images on 4D OLEDs using Arduino

Displaying Twitter feed without a PCI 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!] (L298N 2x4A)

DIY Arduino Motor Shield

DIY Arduino Nebulophone Synth

DIY Arduino or The DIY-Duino

DIY Arduino Pulse Sensor

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 Tracked 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 smart 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

http://duino4projects.com/arduino-project-list/
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 on an Arduino Mega 2560

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 4x6 LED Matrix, Arduino!

Easy Arduino Audio Annoyatron

Easy Bluetooth Enabled Door Lock With Arduino + Android

Easy Bluetooth Enabled Door Lock With Arduino plus Android

Easy DIY Home Automation (using servo switches) using arduino

Easy Electronics Organization using Arduino

Easy Home Surveillance

Easy Programmable EL-Wire Wall Art Project with Cool-Neon using arduino

Easy, Reversible Motor Control for Arduino (or any Microcontroller) using arduino

Educational colorimeter kit
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<th>Project Name</th>
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<td>Fab Lab Barcelona SuperNode</td>
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<td>Fading an LED off and on using Arduino</td>
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<td>Fairly Simple Simon – the evolution of an Arduino game</td>
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<td>Fart Operated Random Channel TV Remote using an Arduino</td>
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<td>Finalized Prototype</td>
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<td>FireHero: Turn Guitar Hero into an extreme sport by adding flamethrowers! using Arduino microcontroller</td>
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Gravitational force Meter using Arduino

Gravity Touch bluetooth glove using Arduino

Ground Tracking LED Longboard Mod

Group 9 – Prototype I Final Report: Remote Piano Pedal Controller using arduino

GSM GPS shield for Arduino Board

GSM Remote Control – GSM Module

Guitar Tuner for the Blind (using an Arduino)

Gut Check a Tweeting and Faceooking Fridge using Arduino

Gyro Camera for Motorcycle using Arduino

Hack a TowerPro Micro Servo to Spin 360 / Continuous Rotation

Hack a voice changer to add an Arduino Input

Hack an old iPod using an Android and an Arduino

Hack the Nabaztag using Arduino

Hack Your Hasbro R2D2 With an IOIO Microcontroller

Hacked Pan and Tilt Camera Mount

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

Hard Drive Persistence of Vision (HDPOV) using arduino

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

Hexapodduino: tiny hexapod 3D printed, Arduino controlled

HexiLogger, 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 using Arduino and MATLAB

Home Automation: Drapes using Arduino

Home Made Arduino Prototype Shield

Home Made Bezel / Window for LCD, LED, TFT Displays.

Homemade Arduino Friendly Pulse Sensor

Homemade arduino printer
Homemade Dual H-Bridge – L298 Breakout Board using Arduino

Homemade Infrared Rangefinder (Similar to Sharp GP2D120) using Arduino

Homemade Magic Lamp Card Box using an Arduino

Honey Bee Counter using Arduino

Honey, I Shrunk The Arduino

Hookup an LCD to an Arduino in 6 seconds with 3, not 6 pins

Hookup an LCD to an Arduino

House Temperature Monitor using Arduino

How I'm building my bi-copter with Android and Arduino

How to access 5 buttons through 1 Arduino input

How to Build a LM35 Temperature Sensor Circuit

How to Build a Motion Sensor Light Circuit with an Arduino

How to Build a Robot – The BeetleBot

How to Build a Robotic Hand with Haptic Feedback using Arduino

How to Build a Vibration Motor Circuit

How to build a whole home energy monitor using Arduino

How to build an 8x8x8 LED cube and control it with an Arduino using arduino

How to build an Arduino energy monitor – measuring mains voltage and current arduino

How to build an Arduino energy monitor – measuring mains voltage and current

How to Build an Arduino Powered Chess Playing Robot using arduino

How to build an Arduino synth

How to Build an Arduino Voice Controlled TV Remote

How to build an Arduino WiFi 4×4 with Android Controller

How to Build a RGB Full Color LED Module Circuit

How to build your own sugru robot – Fixbot

How to build your very own Time Fountain using Arduino
How To Communicate With An Alien Artifact or using arduino

How to connect a servo to the Arduino

How to Connect and Read a Keypad with an Arduino

How to connect Arduino and RFID

How to control 8 leds using Arduino UNO

How to control a Servo using Arduino

How To Control A Stepper Motor With An Arduino Uno

How to Control a Ton of RGB LEDs with Arduino & TLC5940

How to control arduino board using an android phone and a bluetooth module

How to Control arduino by bluetooth from PC

How to control LED's with Processing and Arduino

How to convert (almost) any 27 or 49 MHz RC Car into a Robotic car using arduino controller

How to Create an Arduino Compatible Bluetooth 4.0 Module

How to Deal with Noisy Neighbors with Arduino device

How to Display Text on an HD44780 LCD with an Arduino

How to Do Arduino-Controlled Intelligent Time-Lapse Photography

How to Drive a 7 Segment LED Display with an Arduino

How to hack EEG toys with arduino

How To Interface a CDV 700 Geiger Counter to a PC Using an Arduino Video Instructions

How to Interface GPS with Arduino

How to make (and connect) a soft potentiometer

How to make a Ball Balancing Robot

How To Make A Board Game Using Arduino

How to make a Ghost Knocker

How to make a LED 7-segment display with or without Arduino

How to make A light-up distance sensor
How to Make a Makeblock Music Robot with the Music Robot Kit (NEW)

How to make a multi-layered acrylic and LED sculpture with variable lighting levels using Arduino

How to Make a PIP-Boy using an Arduino

How to make a robotic dart shooting sentry

How to make a runaway cookie box using Arduino

How to make a servo and Arduino stand

How to make a servo leg using Arduino

How to make a solar iPod/iPhone charger -aka MightyMintyBoost using arduino

How to Make a Tactile Feedback Compass Belt

How to make a XY-plotter with Makeblock

How to make an Arduino from scratch

How To Make an Obstacle Avoiding Arduino Robot

How to make and use the arduino as an isp for an ATtiny85

How to make fist pumping with LED animation using Arduino

How to Make Musical Floppy Drives using an Arduino

How To Make The Easiest Breadboard Arduino-Compatible Sanguino-Equivalent

How To Make Two Daft Punk Outfits with Helmets using Arduino

How to make your own Arduino board

How to make your own Arduino board

How to Program the Vexplorer Using Arduino

How to set up a Public Window

How To Smell Pollutants using an Arduino

How to turn inkjet printer to print on Coffee using Arduino

How to use a 1602 16X2 LCD display with Arduino, TI Launchpad, and standalone MSP430 video instructions

How To Use a Nokia Color LCD!
How to use a Piezo element to detect vibration using Arduino

How to use a while loop to calibrate the value of an analog sensor using Arduino

How to use an array with Arduino

How to use the IR library with an attiny using Arduino

How to wire an arduino-based 3-axis CNC machine using arduino

How to: Use Arduino to Generate Glitchy Audio VGA Visuals

How-to build MACKRA a serb variant using Arduino

Huge Arduino Animatronic LED Eyeball using arduino

Human Body Infrared Smoke Temperature Alarm System with Arduino

I just wanna hold your hand

I2C Communication With An Infrared Temperature Sensor

iAndroidRemote – Control Android mobile using an Apple Remote

Illumino: EEG hat with Arduino turns brain activity into light

IMP-ERSONATOR: Electric Imp + Arduino + Wave Shield = Remote Sound File Player

Improved Fan Cart

Improved Simple Wing Shield using arduino

Infinite Loop – Prototype I Final Report: Hazardous Weather Warning System using arduino

Infinity Mirror Clock using Arduino

Infinity Mirror – Tony Stark Arc-Reactor thing using arduino

Inflatable Teddy Bear/LED Costume/Power Glove using arduino

Input Pullup Serial using Arduino

Instagram Inspired DIY Photo-Booth using Arduino

Intelligent Letter Box using Arduino and GSM

Intelligent Solar Garden Light using an Arduino- Part 1

Interactive Arduino Powered Coffee Table

Interactive Child's Mobile using Arduino
Interactive LED box

Interactive LED Lab Coat using Arduino

Interactive Logo using an Arduino

Interactive Magic Mirror with Candy Dispenser

Interactive skull using arduino

Interactive Stereoscopic Installations: visual rupture with the Diplopiascope

Interface a rotary phone dial to an Arduino

Interface and Application Programming

Interface Arduino to MySQL using Python

Interfacing a Digital Micrometer to a Microcontroller

Interfacing Electronic Circuits to Arduinos

Interfacing EM-18 RFID reader with Arduino Uno

Intermediate Arduino: Inputs and Outputs using arduino

Internet Devices for Home Automation using Arduino

Internet Devices for Home Automation

Internet-Controlled RC Car using Arduino

Interval Long Exposure Camera

Intervalometer for Sony NEX 5n

Intro to Arduino

Intro to Model Airplane Autopilot

Introducing PETBOT: A node.js Telepresence Robot using arduino

Introduction to Packet Radio and Arduino Controlled LED Strips

Introduction: T.A.B.U. A Robot using Arduino

Intuitive Vibrotactile Feedback Educational Feedback Devices

IPod Information Screen Rev. 2
IPod Information Screen using Arduino

IR Harp using arduino

IR Remote Agent using Arduino

IR Remote Controlled Color Changing Cloud (Arduino)

IR Remote Controlled Home Appliances using Arduino

Irrigation logic controller/project log using Arduino

Isolated mains power monitoring (Arduino)

ISP Clip for ATtiny44/84 (or others!)

iTime clock in a Mac Mini box using Arduino

James – Your first Arduino Robot

Jeopardy Ring-in Buttons with Built-in Rules using Arduino

Jetson/Tutorials/GPIO using arduino

John Doherty's Lab Notebook

Joy Slippers Version 2 using Arduino

Joystick controlled Camera using Arduino

Just Veggin with an Arduino Beetbox

Kaleiduino: A Battery Powered Arduino LED Kaleidoscope

Kaosduino: Create your own kaosillitaor using Arduino

Katrina And Maya

Keyfob Deadbolt using an Arduino Board

Keyless Entry / Arduino

Kickstarter Backer Alert with Stats Scroller, using Arduino Yun

Kid's Game to Arduino Enigma Machine

Knight Rider Rides Again using an Arduino

Knock Block using an Arduino board

http://duino4projects.com/arduino-project-list/
Knockdown Warning Indicator (Redux)

L.O.G. $10 Arduino

L.O.G. sous vide

L293 Motor Driver and H-Bridges

Lambda Calculus in a Can using Arduino

Lampduino – an 8×8 RGB Floor Lamp using arduino

larryBot – Arduino robot versions 0.1 to 0.5 lessons learned

Larson Scanner with Relay Module using Arduino

Laser cut gear clock with ChronoDot using Arduino

Laser Cut Sphere-O-Bot using Arduino

LASER Maze – Halloween Haunted House using arduino

Laser Pointer Switch using arduino

Laser Shooting Game

Laser Tag Stuffed Animals

Laser Triggered Countdown

Laser-guided Ghost Climber using an Arduino

LCD & Keypad Shield Quickstart Guide using arduino

LCD Shifter for Arduino

LCD Temperature Shield Assembly Instructions

LDR Robot using an Arduino

Learn how to use 7-Segment LED Display using Arduino

LEARN ARDUINO – A HANDS-ON APPROACH

Learning Arduino basics the easy way – Part 01 “Blink” or “The Internet”

LED Binary Clock using an Arduino

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 Flipbook: 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 Sunrise Alarm Clock with Customizable Song Alarm using Arduino

LED Super Mario Piranha Plant using Arduino

LED Umbrella with Arduino using Arduino

LED Watch using an Arduino

LEGO + Arduino = Brickduino (1. the LED)

Lego Spybotics with Arduino

LEGO 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

Let's make an Arduino real time clock shield

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

LillyPad Arduino e-Reader Case

Lillypad Arduino Rocket Ship Cape

LillyPad Arduino Sensor Demo Mat

LillyPad Arduino Stuffed Fox Toy

LillyPad Arduino Totoro Plush with Umbrella

LillyPad 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
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<td>Low cost digital microscope with automated slide movement using arduino</td>
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<td>Lunchtime Clock using arduino</td>
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<td>Magic Music Table No menus, no buttons using arduino</td>
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Make a Musical Bench using Arduino

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

Make a wall avoiding Robot 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 an Ultrasonic Distance Calculator

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 1x1 22 IO pin Arduino Compatible

Make your own cellphone 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 (noise) 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 2125 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 Linear Actuator
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 – 3.5G 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

http://duino4projects.com/arduino-project-list/
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

Multifunction 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

MultSerial Mega using Arduino

Multitouch Music Controller

Musical Exercise: Workout Shirt MP3 Player Powered by Exercise using Arduino

Musical MIDI Shoes using arduino

Musical Table using Arduino

My Arduino Binary Clock

My Arduino In Circuit Programmer

My Arduino Ping Display Robot

My Arduino WordClock
My hat with full of stars

My Ninth Project: Robot Arm with Joystick Shield using Arduino

Mystery Beeping Prank

Nama Instrument 1.0

Necomimi Arduino Cat Ears

Nerd++: Controlling Dioder RGB LED Strips with Arduino, Pt. 1 – Getting Started

NES in a Cartridge using Arduino

NESBot: Arduino Powered Robot beating Super Mario Bros for the NES using arduino

NESBot: Arduino Powered Robot beating Super Mario Bros for the NES

Network Time Protocol (NTP) Client using Arduino

Network-status indicator

New animatronic Eyes: Rock On!

New Textiles 2012 using arduino

NFC Computer Unlocker

NFC Ring Lock Box using Arduino

Nick Smith – Magical Music Box using arduino

Nintendo Keyless Entry System using an Arduino

No-Solder Arduino Breadboard Shield

Nocturnal Emissions: My Arduino Powered Internet Enabled Dream Generator

Nokia LCD & Sensors using an Arduino

Nunchuk-controlled Helicopter using arduino

Nursery Rhyme Hat using arduino

Obstacle avoidance Arduino robot – build your own larryBot

Occupational Therapy Dexterity/Cognitive Aid

Ollie- a DIY autonomous robotic blimp using arduino
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<td>Open Bitcoin ATM using arduino</td>
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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

Plano Stairs with Arduino and Raspberry Pi

Pimp My Zoomobil using Arduino

Pimp Your Chocolates with Arduino IDE and ATtiny13

Ping Organ using an Arduino

PIR Motion Sensor Tutorial using 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

Plantdduino 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 Quality Meter using Arduino

Power Supply unit for arduino power and breadboard using arduino

Power your Arduino with a Hand-Cranked Battery

http://duino4projects.com/arduino-project-list/
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 w/ 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  

PUPPET 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 Calipers 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

RFI-DJ: MP3 Playing RFID Thing

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

RFIDuno – 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

RoboBrrd 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 V8

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

http://duino4projects.com/arduino-project-list/
Scratch 4 Arduino and Cybot Control (Rover basics)

Scratching with Arduino

SD Card Data Readable Anywhere

Second degree equation solver with Arduino

Secret Compartment Chess Set

Secret Knock Detecting 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
Sentriduino! 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

Serial Duplex using an Arduino

Serial Servo Controller with Arduino

Servo 360 rotation mod (Parallax)

Servo Feedback Hack (free)

Shade Technologies – Prototype I Final Report: Motorized Wheelchair Canopy using arduino

Shaun The Noisy Sheep using arduino

Siduri – An Arduino Control Smart Coaster

Sign Language Translator using Arduino

Simon Game

Simon the Octopus

Simple 18dof Hexapod, Arduino nano (optionally with pololu maestro)

Simple 2-way motor control for the arduino

Simple and Impressive Business Card Printer

Simple and reasonably accurate pedometer system

Simple Animatronics with Servos and Arduino using arduino

Simple Arduino Book clock

Simple Arduino data-collection

Simple Arduino L.E.D Police Lights

Simple Arduino light meter

Simple Arduino Traffic Lights

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Simple Arduino Wing Shield
Simple Basement Security System using Arduino
Simple Buck LED Driver with PWM Input
Simple Datalogger
Simple Ipod Controller using an Arduino
Simple keyboard using the tone() function using Arduino
Simple mass storage for your microcontroller project using arduino
Simple Parking Sensor using Arduino
Simple RC car for beginners (Android control over Bluetooth)
Simple Relay Shield for Arduino
Simple Remote Data Plotting using Android / Arduino / pfodApp
Simple RFID access system using Arduino
Simple Robotics Breadboard
Simple Solar Power using arduino
simpleTweet_01 python using Arduino
Singing Olaf Bag (Frozen)
Singing plant. Make your plant sing with Arduino, touche and a gameduino
Single button combination lock using Arduino
Single Digit Decimal counter using Arduino
Single Digit Decimal counter using Arduino
Six wheeled All Terrain Vehicle (6WD) using Arduino
Sky on the Wall (Mood Lighting-IR remote)
Sleek word clock using arduino
Sleep n’Tweet using an Arduino
Sleep n’Tweet
Sleep Tracking using an Arduino

http://duino4projects.com/arduino-project-list/
Slipper Shining with LED strip & Xadow

Small DC Motor Pwm Speed Controller

Small form factor DIY Arduino on stripboard

Smallsword Choreography Shirt using arduino

Smart Distance Measuring Tape v2

Smart Heart Monitor

Smart Homer Web-enabled TV remote using Arduino

Smart Relay Power Box(SiriProxy Compatible)

Smart Snow Globe (gives snow day alerts) using arduino

Smart Thermal + Arduino

SmartMesh – Arduino and Android Controlled Pneumatic Facade

Smartphone controlled Arduino tank using Annikken Andee

SMS controlled Wireless Irrigation System using an Arduino

Social Alarm Clock

Solar Module

Solar powered arduino on the back of a playing card

SOLAR POWERED ARDUINO WEATHER STATION

Solar Powered LED/Ultracapacitor Arduino Regulated Light

Solar theremin with Arduino using arduino

Solar USB Charger 2.0

Solar-Oriented, Arduino-Powered Clock

Soldering an SMT MOSFET Driver with a hotplate

Solderless Breadboard Layout Sheets (plug and play electronics) using arduino

Sonar For The Blind using Arduino

Sonic Switch: Use a Sonic Screwdriver to turn on your computer!
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Talking Darth Vader Binary Clock
Talking Pumpkin
Tankbot – Internet Controlled Tank Robot using Arduino
TankWars: A Physical Video Game using Arduino
Team 1 Final Project Report & Video: Arduino Video Game System using arduino
Team 12 – Prototype I Final Report: Home Automation Project using arduino
Tears of Rainbow using an Arduino
Teclado MIDI Super Simple – Super Simple MIDI Keyboard
Teensy MIDI USB foot controller for controlling Mobius Looper using Arduino
Telecran (Etch a Sketch) + Arduino = Telecranduino ! using arduino
Telemetry with solar cell using an Arduino
Temperature Control For Kitchen Appliances using Arduino
Temperature Detecting Heating Control System with Arduino Mega2560
Temperature Displayed on 4 Digit 7 segment using Arduino
Temperature Recording Arduino Robot
Temperature Sensor for Shower using Arduino
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Temperature-controlled USB fan using Arduino
Temperature-Sensitive Infinity Mirror
Temperature-Sensitive Infinity Mirror using arduino
Texting mat using arduino
The 4x4x4 LED cube using an Arduino
The Adventure of Electricity: An Interactive light diorama
The Arduino AA Undershield
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Arduino Projects List - About 1500 Arduino List of Projects

Use Arduino for Projects

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The Morse code generator by a PS2 keyboard using Arduino
http://duino4projects.com/?p=2276

The Motivational Moody Workout T-Shirt using an Arduino
http://duino4projects.com/?p=1526

The Musical FootBall
http://duino4projects.com/?p=7649

The Octo-phonic Synthesizer
http://duino4projects.com/?p=7551

The party starter using arduino
http://duino4projects.com/?p=13129

The Photometric Camera and the CCDs
http://duino4projects.com/?p=11995

The Pick and Place Machine for Surface Mount Devices
http://duino4projects.com/?p=11921

The Pill Reminder using Arduino
http://duino4projects.com/?p=9696

The Point Shooter Cyborg Mouse
http://duino4projects.com/?p=7120

The Raspberry Pi – Arduino Connection
http://duino4projects.com/?p=7111

The Revenge of the Yellow Drum Machine (Arduino)
http://duino4projects.com/?p=12572

The Self-Balancing Robot using Arduino
http://duino4projects.com/?p=4693

The Smuggie: Tweet straight from your Snuggie using arduino
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Touche for Arduino: Advanced touch sensing

Track Honeybees With Temperature

Track-and-explode wolf collar...

Tracking Cat Eyes via Kinect using Arduino

Traffic Light Stoplight LED Scarf – Safety Scarf of Righteousness using arduino

Traffic Lights Beginner Arduino Project

Traffic Signal / Stop Light Wiring with Arduino Controller

Traffic Signal Wiring with Arduino Controller

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TROBOT: A Miniature Articulated Robot using arduino

Troubleshoot your car battery with ATtiny

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Turn a pencil drawing into a capacitive sensor for Arduino

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Window Painting Robot using Arduino

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Wireless nunchuk controlled animatronic doll

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