



Arduino Project List

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(We have two layouts for this project list)

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| Arduino ATmega328 – Hardcore using arduino                                   | <a href="http://duino4projects.com/?p=13923">http://duino4projects.com/?p=13923</a> |
| Arduino weather station part 2 using arduino                                 | <a href="http://duino4projects.com/?p=13929">http://duino4projects.com/?p=13929</a> |
| Artemis & Apollo: Dancing with Arduino and light detection                   | <a href="http://duino4projects.com/?p=6153">http://duino4projects.com/?p=6153</a>   |
| Breadboard Arduino                                                           | <a href="http://duino4projects.com/?p=11428">http://duino4projects.com/?p=11428</a> |
| DS1307 I²C Clock using arduino                                               | <a href="http://duino4projects.com/?p=14760">http://duino4projects.com/?p=14760</a> |
| Dual LED Flasher                                                             | <a href="http://duino4projects.com/?p=15221">http://duino4projects.com/?p=15221</a> |
| How to Build an Arduino Circuit on a Breadboard                              | <a href="http://duino4projects.com/?p=14400">http://duino4projects.com/?p=14400</a> |
| How to build an Arduino energy monitor - measuring mains voltage and current | <a href="http://duino4projects.com/?p=14710">http://duino4projects.com/?p=14710</a> |
| LPG sensor using arduino                                                     | <a href="http://duino4projects.com/?p=15114">http://duino4projects.com/?p=15114</a> |
| MMAE Graduate Robotics                                                       | <a href="http://duino4projects.com/?p=12015">http://duino4projects.com/?p=12015</a> |



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| Solar Tracker Relay circuit using Arduino                            | <a href="http://duino4projects.com/?p=14545">http://duino4projects.com/?p=14545</a> |
| TFT Display with microSD breakout board using arduino                | <a href="http://duino4projects.com/?p=14601">http://duino4projects.com/?p=14601</a> |
| \$1.50 Arduino TV Annoyer                                            | <a href="http://duino4projects.com/?p=2814">http://duino4projects.com/?p=2814</a>   |
| (w/ Video) Basic Arduino Robot, Light Seeker! using arduino          | <a href="http://duino4projects.com/?p=13464">http://duino4projects.com/?p=13464</a> |
| *duino Keg Temp Monitor, or the Quest for the Perfect Pint           | <a href="http://duino4projects.com/?p=6904">http://duino4projects.com/?p=6904</a>   |
| 0 to 99 Light display                                                | <a href="http://duino4projects.com/?p=6805">http://duino4projects.com/?p=6805</a>   |
| 1 LED Game with Arduino Uno and an RGB LED                           | <a href="http://duino4projects.com/?p=7002">http://duino4projects.com/?p=7002</a>   |
| 123D Scanner – Home made 3D Scanner                                  | <a href="http://duino4projects.com/?p=12343">http://duino4projects.com/?p=12343</a> |
| 1B – Arduino Project – Perry the Predator Pillow                     | <a href="http://duino4projects.com/?p=17890">http://duino4projects.com/?p=17890</a> |
| 1RE45 Non contact digital thermometer using arduino                  | <a href="http://duino4projects.com/?p=14651">http://duino4projects.com/?p=14651</a> |
| 2 player Pong using Arduino                                          | <a href="http://duino4projects.com/?p=2084">http://duino4projects.com/?p=2084</a>   |
| 2 Ways to Papercraft Stopmotion                                      | <a href="http://duino4projects.com/?p=12148">http://duino4projects.com/?p=12148</a> |
| 2-Player Pong Game with Arduino Uno                                  | <a href="http://duino4projects.com/?p=4424">http://duino4projects.com/?p=4424</a>   |
| 26-Way MIDI DRUMS                                                    | <a href="http://duino4projects.com/?p=15868">http://duino4projects.com/?p=15868</a> |
| 3 LED Crossfade with PWM and Arduino                                 | <a href="http://duino4projects.com/?p=10605">http://duino4projects.com/?p=10605</a> |
| 3 wires interface for LCD display using Arduino                      | <a href="http://duino4projects.com/?p=3588">http://duino4projects.com/?p=3588</a>   |
| 3-dimensional Star Cluster using an Arduino                          | <a href="http://duino4projects.com/?p=698">http://duino4projects.com/?p=698</a>     |
| 3D AIR mouse   Arduino + Processing                                  | <a href="http://duino4projects.com/?p=2465">http://duino4projects.com/?p=2465</a>   |
| 3D LED Cube using arduino                                            | <a href="http://duino4projects.com/?p=13286">http://duino4projects.com/?p=13286</a> |
| 3D Printed Arduino Controlled Eggbot/Spherepot                       | <a href="http://duino4projects.com/?p=7322">http://duino4projects.com/?p=7322</a>   |
| 3D Printed Digital Camera                                            | <a href="http://duino4projects.com/?p=7012">http://duino4projects.com/?p=7012</a>   |
| 3D Printed Webcam Controller                                         | <a href="http://duino4projects.com/?p=12234">http://duino4projects.com/?p=12234</a> |
| 3D-Printed Biologically-Inspired Robotics                            | <a href="http://duino4projects.com/?p=12174">http://duino4projects.com/?p=12174</a> |
| 3x3x3 LED cube shield using arduino                                  | <a href="http://duino4projects.com/?p=13187">http://duino4projects.com/?p=13187</a> |
| 3x3x3 LED Cube with Arduino Lib using arduino                        | <a href="http://duino4projects.com/?p=13669">http://duino4projects.com/?p=13669</a> |
| 3x3x3 LED PVC Light Cube using Arduino                               | <a href="http://duino4projects.com/?p=5349">http://duino4projects.com/?p=5349</a>   |
| 4 Servo drive CellBot which can be remotely controlled using Arduino | <a href="http://duino4projects.com/?p=2034">http://duino4projects.com/?p=2034</a>   |
| 48×8 SCROLLING MATRIX LED DISPLAY USING ARDUINO CONTROLLER           | <a href="http://duino4projects.com/?p=4548">http://duino4projects.com/?p=4548</a>   |
| 4x Multiplexed RTD Temperature sensor module                         | <a href="http://duino4projects.com/?p=14438">http://duino4projects.com/?p=14438</a> |
| 4x4x4 interactive LED-cube with Arduino                              | <a href="http://duino4projects.com/?p=1388">http://duino4projects.com/?p=1388</a>   |
| 4x4x4 LED Cube (Arduino Uno)                                         | <a href="http://duino4projects.com/?p=9733">http://duino4projects.com/?p=9733</a>   |
| 4x4x4 LED Cube Arduino                                               | <a href="http://duino4projects.com/?p=12434">http://duino4projects.com/?p=12434</a> |
| 4X4X4 LED Cube w/ Arduino Un                                         | <a href="http://duino4projects.com/?p=6544">http://duino4projects.com/?p=6544</a>   |



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| 4x4x4 LED-cube based Arduino and Flower protoboard                       | <a href="http://duino4projects.com/?p=1200">http://duino4projects.com/?p=1200</a>   |
| 4x4x4 RGB LED Cube using Arduino                                         | <a href="http://duino4projects.com/?p=746">http://duino4projects.com/?p=746</a>     |
| 5X5 dot matrix on Arduino                                                | <a href="http://duino4projects.com/?p=2796">http://duino4projects.com/?p=2796</a>   |
| 5x5x5 LED Cube – Orientation Independent 3D Display                      | <a href="http://duino4projects.com/?p=11736">http://duino4projects.com/?p=11736</a> |
| 5x5 LED Cube using Arduino Uno                                           | <a href="http://duino4projects.com/?p=614">http://duino4projects.com/?p=614</a>     |
| 5x5 rgb Ipd6803-led matrix arduino controlled                            | <a href="http://duino4projects.com/?p=2227">http://duino4projects.com/?p=2227</a>   |
| 6 button RGB controller using Arduino                                    | <a href="http://duino4projects.com/?p=5124">http://duino4projects.com/?p=5124</a>   |
| 64 pixel RGB LED Display – Another Arduino Clone                         | <a href="http://duino4projects.com/?p=1770">http://duino4projects.com/?p=1770</a>   |
| 7 Segment Display Interfacing with Arduino                               | <a href="http://duino4projects.com/?p=22648">http://duino4projects.com/?p=22648</a> |
| 7-Key Slider/Wheel Tutorial with Synthesizer                             | <a href="http://duino4projects.com/?p=7550">http://duino4projects.com/?p=7550</a>   |
| 8 LED Chaser with 74HC595 8 Bit Shift Register using arduino             | <a href="http://duino4projects.com/?p=13290">http://duino4projects.com/?p=13290</a> |
| 8x8x8 LED Cube with Arduino Mega (+Sound +PS controller +Game)           | <a href="http://duino4projects.com/?p=10507">http://duino4projects.com/?p=10507</a> |
| 8x8 LED Matrix Animations using an Arduino                               | <a href="http://duino4projects.com/?p=1564">http://duino4projects.com/?p=1564</a>   |
| 8x8 LED Matrix using Arduino                                             | <a href="http://duino4projects.com/?p=22563">http://duino4projects.com/?p=22563</a> |
| 9 Volt battery adapter for Arduino                                       | <a href="http://duino4projects.com/?p=6064">http://duino4projects.com/?p=6064</a>   |
| [Arduino] Linefollower with photoresistors                               | <a href="http://duino4projects.com/?p=1774">http://duino4projects.com/?p=1774</a>   |
| [FTC] Open Feathercoin ATM                                               | <a href="http://duino4projects.com/?p=17781">http://duino4projects.com/?p=17781</a> |
| [OoB] Shooting paintball maker with relay, Arduino and .NET WinForms     | <a href="http://duino4projects.com/?p=14535">http://duino4projects.com/?p=14535</a> |
| [Said Alyami] – [Funny Cartoon Sounds with a twist] arduino              | <a href="http://duino4projects.com/?p=14364">http://duino4projects.com/?p=14364</a> |
| [Team PGH] – Prototype I Final Report: [Motion RC Car] using arduino     | <a href="http://duino4projects.com/?p=14352">http://duino4projects.com/?p=14352</a> |
| A arduino library for the MAX7221 and MAX7219                            | <a href="http://duino4projects.com/?p=3683">http://duino4projects.com/?p=3683</a>   |
| A Beginner’s guide to making an Arduino Shield PCB                       | <a href="http://duino4projects.com/?p=11300">http://duino4projects.com/?p=11300</a> |
| A cardboard televisior (with arduino and LEDs)                           | <a href="http://duino4projects.com/?p=7036">http://duino4projects.com/?p=7036</a>   |
| A compact, Arduino altimeter for RC Planes                               | <a href="http://duino4projects.com/?p=10027">http://duino4projects.com/?p=10027</a> |
| A credit card sized Ethernet Arduino compatable controller board         | <a href="http://duino4projects.com/?p=1649">http://duino4projects.com/?p=1649</a>   |
| A DIY photoplethysmographic sensor for measuring heart rate              | <a href="http://duino4projects.com/?p=15009">http://duino4projects.com/?p=15009</a> |
| A DVD Player Hack                                                        | <a href="http://duino4projects.com/?p=12291">http://duino4projects.com/?p=12291</a> |
| A Facebook-Connected, Arduino-Powered Music Party                        | <a href="http://duino4projects.com/?p=7588">http://duino4projects.com/?p=7588</a>   |
| A Gentle Introduction to Arduino for Scratch Users                       | <a href="http://duino4projects.com/?p=1079">http://duino4projects.com/?p=1079</a>   |
| A laser barrier with Arduino                                             | <a href="http://duino4projects.com/?p=14459">http://duino4projects.com/?p=14459</a> |
| A laundry alarm for the hearing impaired and everyone else using Arduino | <a href="http://duino4projects.com/?p=771">http://duino4projects.com/?p=771</a>     |
| A lightning flash counter                                                | <a href="http://duino4projects.com/?p=17708">http://duino4projects.com/?p=17708</a> |
| A Makers Wedding – Photo booth usnig arduino                             | <a href="http://duino4projects.com/?p=13235">http://duino4projects.com/?p=13235</a> |



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| A new board for the 3Drag: there's more than Sanguinololu using arduino  | <a href="http://duino4projects.com/?p=14638">http://duino4projects.com/?p=14638</a> |
| A Planar 2-DOF Haptic Device for Exploring Gravitational Fields          | <a href="http://duino4projects.com/?p=11769">http://duino4projects.com/?p=11769</a> |
| A Robotic lawn mower powered by Solar Energy with an Arduino heart       | <a href="http://duino4projects.com/?p=8994">http://duino4projects.com/?p=8994</a>   |
| A Self-Contained Data Logging Anemometer                                 | <a href="http://duino4projects.com/?p=6908">http://duino4projects.com/?p=6908</a>   |
| A Simple and Very Easy Inverted Pendulum Balancing Robot                 | <a href="http://duino4projects.com/?p=10455">http://duino4projects.com/?p=10455</a> |
| A Simple Bat Detector based shield for the Arduino Uno                   | <a href="http://duino4projects.com/?p=18406">http://duino4projects.com/?p=18406</a> |
| A simple DIY spectrophotometer using raduino                             | <a href="http://duino4projects.com/?p=13549">http://duino4projects.com/?p=13549</a> |
| A solar tracking automatic motorized window blind retrofit using Arduino | <a href="http://duino4projects.com/?p=10372">http://duino4projects.com/?p=10372</a> |
| A Study in Non-Standard Distributed Computer Architecture using Arduino  | <a href="http://duino4projects.com/?p=4567">http://duino4projects.com/?p=4567</a>   |
| A useful and simple IO Shield for Arduino                                | <a href="http://duino4projects.com/?p=14480">http://duino4projects.com/?p=14480</a> |
| A Voice Shield for Arduino Board                                         | <a href="http://duino4projects.com/?p=306">http://duino4projects.com/?p=306</a>     |
| A Voice Shield for Arduino – Give Voice to your Ideas!                   | <a href="http://duino4projects.com/?p=17787">http://duino4projects.com/?p=17787</a> |
| A watering controller that can be home networked using an Arduino        | <a href="http://duino4projects.com/?p=1610">http://duino4projects.com/?p=1610</a>   |
| A wireless voice-controllable household system                           | <a href="http://duino4projects.com/?p=11889">http://duino4projects.com/?p=11889</a> |
| A World of Possibilities with Java ME + Bluetooth + Arduino              | <a href="http://duino4projects.com/?p=3007">http://duino4projects.com/?p=3007</a>   |
| AAA Robot (Autonomous Analog Arduino)                                    | <a href="http://duino4projects.com/?p=7131">http://duino4projects.com/?p=7131</a>   |
| ABC 123 Toddler Trainer using Arduino                                    | <a href="http://duino4projects.com/?p=9911">http://duino4projects.com/?p=9911</a>   |
| AC Arduino dimming circuit                                               | <a href="http://duino4projects.com/?p=630">http://duino4projects.com/?p=630</a>     |
| AC Dimmer Circuit: 46                                                    | <a href="http://duino4projects.com/?p=11774">http://duino4projects.com/?p=11774</a> |
| AC Dimmer Circuit                                                        | <a href="http://duino4projects.com/?p=11639">http://duino4projects.com/?p=11639</a> |
| Accelerometer Based Hand Gesture Controlled Robot using Arduino          | <a href="http://duino4projects.com/?p=22642">http://duino4projects.com/?p=22642</a> |
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| Access control with Arduino plus Keypad 4×4 plus Servo                   | <a href="http://duino4projects.com/?p=4927">http://duino4projects.com/?p=4927</a>   |
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| Adafruit Arduino Motor Shield Build                                      | <a href="http://duino4projects.com/?p=2907">http://duino4projects.com/?p=2907</a>   |
| Adafruit Flora NeoPixel LED Ring Headphone mod                           | <a href="http://duino4projects.com/?p=7071">http://duino4projects.com/?p=7071</a>   |
| Add a real-time clock to the Freetronics TwentyTen using Arduino         | <a href="http://duino4projects.com/?p=3925">http://duino4projects.com/?p=3925</a>   |
| Add a TFT Display to your Arduino projects (1.8 TFT SPI 128×160)         | <a href="http://duino4projects.com/?p=17885">http://duino4projects.com/?p=17885</a> |



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| Add Linux, WiFi, Ethernet and USB to Arduino                                      | <a href="http://duino4projects.com/?p=9045">http://duino4projects.com/?p=9045</a>   |
| Adding CV inputs to the Auduino granular synth                                    | <a href="http://duino4projects.com/?p=9630">http://duino4projects.com/?p=9630</a>   |
| Addressable Milk Bottles (LED Lighting + Arduino) using arduino                   | <a href="http://duino4projects.com/?p=13945">http://duino4projects.com/?p=13945</a> |
| ADXL3xx Accelerometer using an Arduino                                            | <a href="http://duino4projects.com/?p=4149">http://duino4projects.com/?p=4149</a>   |
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| An amplifier for Arduino                                                          | <a href="http://duino4projects.com/?p=3592">http://duino4projects.com/?p=3592</a>   |
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| An Arduino Powered (Scale) Speed Trap                                             | <a href="http://duino4projects.com/?p=4654">http://duino4projects.com/?p=4654</a>   |
| An Arduino real time clock shield                                                 | <a href="http://duino4projects.com/?p=3952">http://duino4projects.com/?p=3952</a>   |
| An Arduino RSS Feed Display                                                       | <a href="http://duino4projects.com/?p=543">http://duino4projects.com/?p=543</a>     |
| An Arduino Thermometer with Digital Display                                       | <a href="http://duino4projects.com/?p=825">http://duino4projects.com/?p=825</a>     |
| An easy way to send your heartbeat to the Cloud using arduino                     | <a href="http://duino4projects.com/?p=15013">http://duino4projects.com/?p=15013</a> |
| An FM Stereo Broadcaster PLL using Arduino                                        | <a href="http://duino4projects.com/?p=887">http://duino4projects.com/?p=887</a>     |
| An FTIR Touchscreen Device                                                        | <a href="http://duino4projects.com/?p=11593">http://duino4projects.com/?p=11593</a> |
| An I2C Bus powered Arduino IO Expander Board controlled via Bluetooth and Android | <a href="http://duino4projects.com/?p=14553">http://duino4projects.com/?p=14553</a> |
| An Open Source, hackable Digital Clock                                            | <a href="http://duino4projects.com/?p=14530">http://duino4projects.com/?p=14530</a> |
| Analog audio panel for PC using Arduino                                           | <a href="http://duino4projects.com/?p=4689">http://duino4projects.com/?p=4689</a>   |
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| Analog Read Voltage using Arduino                                                 | <a href="http://duino4projects.com/?p=3986">http://duino4projects.com/?p=3986</a>   |

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| Analog reading box using an Arduino                                                                  | <a href="http://duino4projects.com/?p=1850">http://duino4projects.com/?p=1850</a>   |
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| Analog to Digital Conversion in ARDUINO                                                              | <a href="http://duino4projects.com/?p=15829">http://duino4projects.com/?p=15829</a> |
| Analog VU meter and Clock using Arduino                                                              | <a href="http://duino4projects.com/?p=4617">http://duino4projects.com/?p=4617</a>   |
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| Android Arduino Communication through Modbus and Rs485                                               | <a href="http://duino4projects.com/?p=17858">http://duino4projects.com/?p=17858</a> |
| ANDROID BASED ROBOTICS                                                                               | <a href="http://duino4projects.com/?p=11742">http://duino4projects.com/?p=11742</a> |
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| Android talks to Arduino board                                                                       | <a href="http://duino4projects.com/?p=226">http://duino4projects.com/?p=226</a>     |
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| Augmented Water using arduino                                        | <a href="http://duino4projects.com/?p=10031">http://duino4projects.com/?p=10031</a> |
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| Auto Fish Feeder using Arduino                                       | <a href="http://duino4projects.com/?p=9774">http://duino4projects.com/?p=9774</a>   |
| Auto Leveling Laser Cross using Arduino                              | <a href="http://duino4projects.com/?p=1212">http://duino4projects.com/?p=1212</a>   |
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| Gas detector / indicator (USB powered) with arduino                                                | <a href="http://duino4projects.com/?p=635">http://duino4projects.com/?p=635</a>     |
| Gas Leakage Detector using Arduino and GSM Module with SMS Alert and Sound Alarm                   | <a href="http://duino4projects.com/?p=22283">http://duino4projects.com/?p=22283</a> |
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| Getting Things to Talk: Arduino + LCDs                                                             | <a href="http://duino4projects.com/?p=18389">http://duino4projects.com/?p=18389</a> |
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| Learning Sequential Logic Design for a Digital Clock                                            | <a href="http://duino4projects.com/?p=17656">http://duino4projects.com/?p=17656</a> |
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| LED Flipbookit: full color and brightness control with an Arduino                               | <a href="http://duino4projects.com/?p=11469">http://duino4projects.com/?p=11469</a> |



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| Self-balancing skateboard/segw*y project Arduino Shield                     | <a href="http://duino4projects.com/?p=7220">http://duino4projects.com/?p=7220</a>   |
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| Self-Contained 7x7x7 LED Cube using Arduino                                 | <a href="http://duino4projects.com/?p=4572">http://duino4projects.com/?p=4572</a>   |
| Self-Contained 7x7x7 LED Cube                                               | <a href="http://duino4projects.com/?p=7580">http://duino4projects.com/?p=7580</a>   |
| Self-Watering Plant using an Arduino                                        | <a href="http://duino4projects.com/?p=576">http://duino4projects.com/?p=576</a>     |
| Send and Receive MIDI with Arduino                                          | <a href="http://duino4projects.com/?p=12373">http://duino4projects.com/?p=12373</a> |
| Send SMS from Arduino over the Internet using ENC28J60 and Thingspeak       | <a href="http://duino4projects.com/?p=17394">http://duino4projects.com/?p=17394</a> |
| Sending and Receiving String via UDP using Arduino                          | <a href="http://duino4projects.com/?p=4336">http://duino4projects.com/?p=4336</a>   |
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| Store Arduino data to Firebase database [Howto]                                    | <a href="http://duino4projects.com/?p=17922">http://duino4projects.com/?p=17922</a> |
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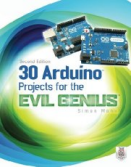
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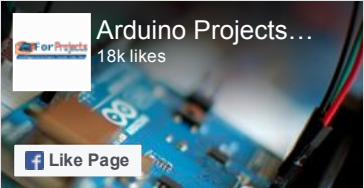
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