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Arduino Project List

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Arduino Esplora Kart	http://arduino4projects.com/?p=4282
Arduino Esplora Light Calibrator	http://arduino4projects.com/?p=4260
Arduino Esplora Microphone (Sound Sensor)	http://arduino4projects.com/?p=4272
Arduino Esplora Pong	http://arduino4projects.com/?p=4299
Arduino Esplora Remote	http://arduino4projects.com/?p=4295
Arduino Esplora Temperature Sensor	http://arduino4projects.com/?p=4277
Arduino Etch-A-Sketch Clock	http://duino4projects.com/?p=10294
Arduino Fart-O-Meter	http://arduino4projects.com/?p=2420
Arduino Fingerprint Lock	http://arduino4projects.com/?p=6894
Arduino FIO Tutorial	http://duino4projects.com/?p=11821
Arduino Fixed-point Vehicle Proximity Detector	http://arduino4projects.com/?p=5108
Arduino Flash Controller for Photography	http://duino4projects.com/?p=12533

Arduino Flash game streamer	http://arduino4projects.com/?p=5363
Arduino FM radio receiver shield	http://arduino4projects.com/?p=1642
Arduino for Photographers: Building a Universal Intervalometer	http://duino4projects.com/?p=17277
Arduino Frequency Detection	http://arduino4projects.com/?p=6188
Arduino Fridge Magnet	http://duino4projects.com/?p=17104
Arduino from Evil Mad Scientist ATmegaxx8 Target Board	http://arduino4projects.com/?p=1873
Arduino from Scratch Digital Thermometer	http://arduino4projects.com/?p=1283
Arduino Garage Controller	http://duino4projects.com/?p=17309
Arduino GPS Clock usign arduino	http://duino4projects.com/?p=14764
Arduino GPS Datalogger	http://arduino4projects.com/?p=5168
Arduino GPS Tracking System	http://arduino4projects.com/?p=3721
Arduino GSM shield	http://arduino4projects.com/?p=6103
Arduino Guitar Pedal using arduino	http://duino4projects.com/?p=12937
Arduino Guitar Tuner	http://arduino4projects.com/?p=7016
Arduino hardware hacking: Part 1	http://duino4projects.com/?p=11066
Arduino hardware hacking: Part 2	http://duino4projects.com/?p=11070
Arduino hardware hacking: Part 3	http://duino4projects.com/?p=11073
Arduino Hardware PWM for stepper motor drives	http://duino4projects.com/?p=10360
Arduino HC-SR04 How to use Ultra Sonic Sensor	http://arduino4projects.com/?p=3812
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Arduino Home automation	http://arduino4projects.com/?p=2449
Arduino home energy monitor shield	http://arduino4projects.com/?p=604
Arduino HVAC Servo Thermostat or Controller	http://arduino4projects.com/?p=5293
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Arduino I2C and Processing	http://arduino4projects.com/?p=3758
Arduino Internet Controlled Desk Lamp	http://duino4projects.com/?p=12590
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Arduino IR Musical Stairs	http://duino4projects.com/?p=10504
Arduino IR Transmitter & Receiver w/ LEDs Flickering Issue	http://duino4projects.com/?p=11077
Arduino ISP (In System Programming) and stand-alone circuits	http://duino4projects.com/?p=14561
Arduino ISP – LOG	http://arduino4projects.com/?p=6994
Arduino Joystick Breadboard with LCD Output	http://arduino4projects.com/?p=1420
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Arduino Knight Rider Code	http://arduino4projects.com/?p=3877
Arduino Knight Rider	http://duino4projects.com/?p=15146
Arduino Lab 2 – Morse Code Generator	http://duino4projects.com/?p=18211
ARDUINO Laser 3D Tracking or Range Finder	http://arduino4projects.com/?p=3282
Arduino Laser Engraver	http://arduino4projects.com/?p=6690
Arduino Laser Security Shield	http://arduino4projects.com/?p=2765
Arduino Laser Show (adapted from NothingLabs' Instructable)	http://arduino4projects.com/?p=7169
Arduino Laser Show with Full XY Control using arduino	http://duino4projects.com/?p=13487
Arduino Laser Tag – Duino Tag	http://duino4projects.com/?p=17577
Arduino LCD Metronome	http://arduino4projects.com/?p=1223
Arduino LCD Thermometer	http://duino4projects.com/?p=15126
Arduino LCD Twitter display	http://arduino4projects.com/?p=2669
Arduino LCD	http://duino4projects.com/?p=15142
Arduino LED Bar Graph Code	http://arduino4projects.com/?p=4173

Arduino Led Dice	http://arduino4projects.com/?p=1733
Arduino LED Flasher Circuit	http://duino4projects.com/?p=11084
Arduino led pendulum	http://arduino4projects.com/?p=4461
Arduino Lens Controller – Synchronized Zoom/Focus with Wii Classic Controller	http://duino4projects.com/?p=12692
Arduino Leonardo Pinout Diagram	http://arduino4projects.com/?p=2315
Arduino lets you play Atari 2600 and ZX Spectrum using a NES controller	http://arduino4projects.com/?p=736
Arduino Light Following Robot	http://duino4projects.com/?p=10242
Arduino Light Meter Circuit	http://duino4projects.com/?p=15630
Arduino light seeker	http://arduino4projects.com/?p=5398
Arduino Lilypad Interactive Passion Sensing Scarf using arduino	http://duino4projects.com/?p=13660
Arduino Lilypad Slipper Automatic Foot Massager	http://duino4projects.com/?p=10206
Arduino Liquid Crystal Displays	http://arduino4projects.com/?p=3731
Arduino magnetic stripe decoder	http://arduino4projects.com/?p=5244
Arduino makes 2D Level	http://arduino4projects.com/?p=2416
Arduino Masterclass Part 1: Make your own hardware	http://duino4projects.com/?p=11117
Arduino Masterclass Part 2: Build an LED weather station using arduino	http://duino4projects.com/?p=13917
Arduino Mega Pinout Diagram	http://arduino4projects.com/?p=2319
Arduino Mega Pololu Shield using arduino	http://duino4projects.com/?p=14833
Arduino Mega-ISP Shield	http://arduino4projects.com/?p=1982
Arduino Melody	http://duino4projects.com/?p=15150
Arduino MicroControllers, Card Readers, 3D Printing, GS4, Flip Camera!	http://arduino4projects.com/?p=2990
Arduino MIDI Foot Pedal Keyboard	http://arduino4projects.com/?p=4593
Arduino MIDI Volume Pedal	http://arduino4projects.com/?p=3652
Arduino MIDI-in shield	http://arduino4projects.com/?p=1459
Arduino Mini-Shields	http://duino4projects.com/?p=10246
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Arduino mood lighting	http://arduino4projects.com/?p=2694
Arduino Morse Code Flaher using arduino	http://duino4projects.com/?p=13014
Arduino Morse Code Shield	http://arduino4projects.com/?p=5075
Arduino Motor Party	http://duino4projects.com/?p=17399
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Arduino multi-mode lamp with soft touch switch	http://arduino4projects.com/?p=1670
Arduino Nano based Microbot	http://duino4projects.com/?p=12656
Arduino Noise Machine Jacket	http://arduino4projects.com/?p=5336
Arduino Online Thermometer Project	http://duino4projects.com/?p=11058
Arduino Optical Theremin	http://arduino4projects.com/?p=4892
Arduino or Twitter Mets Apple	http://duino4projects.com/?p=9875
Arduino Orb Build Warden	http://arduino4projects.com/?p=2089
Arduino passive IR trigger for Canon EOS	http://duino4projects.com/?p=17073
Arduino PCR (thermal cycler) for under \$85	http://duino4projects.com/?p=12524
Arduino Peak Power Tracker Solar Charger	http://arduino4projects.com/?p=3785
Arduino Pedometer	http://arduino4projects.com/?p=2325
Arduino Personal Soundtrack Hoodie	http://arduino4projects.com/?p=2351
Arduino Phone Book	http://duino4projects.com/?p=9681
Arduino Photocell Theremin Synth (glitchamin)	http://arduino4projects.com/?p=1303
Arduino Ping Ultrasonic Range Finder Code	http://arduino4projects.com/?p=4168
Arduino PIR motion water gun	http://arduino4projects.com/?p=650
Arduino Platform – SIMON Game Implementation	http://duino4projects.com/?p=16862
Arduino PMW enabled high power shield or non-shield on the cheap	http://arduino4projects.com/?

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Arduino Police Strobe Light Code	http://arduino4projects.com/?p=3869
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Arduino Powerd, RGB + White LED, Bluetooth controllable, Floor lamp	http://arduino4projects.com/?p=7152
Arduino Powered 3-zone thermostat	http://duino4projects.com/?p=10406
Arduino powered 7seg led display with Port Manipulation	http://arduino4projects.com/?p=1863
Arduino Powered Autonomous Vehicle	http://duino4projects.com/?p=9899
Arduino Powered Binary Clock	http://arduino4projects.com/?p=1746
Arduino Powered Four Letter Word Generator	http://duino4projects.com/?p=1859
Arduino powered GLCD (Graphic LCD)	http://arduino4projects.com/?p=1268
Arduino powered hangman giftbox/lockbox	http://arduino4projects.com/?p=7626
Arduino powered Haunted Pumpkin using arduino	http://duino4projects.com/?p=13279
Arduino powered Lucky Cat as physical Webcounter	http://arduino4projects.com/?p=6148
Arduino Powered Mushroom Environment Control	http://arduino4projects.com/?p=1655
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Arduino Programming With Atmel Studio 6.0	http://arduino4projects.com/?p=2979
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Arduino Project 5: Digital audio player	http://duino4projects.com/?p=17148
Arduino Project 6: Web-controlled music player	http://duino4projects.com/?p=17960
Arduino Project 8: Stompy the robot (part 1)	http://duino4projects.com/?p=17944

Arduino Project Board	http://duino4projects.com/?p=13335
Arduino Project: Intervalometer for Fuji cameras	http://duino4projects.com/?p=17414
Arduino project: Stereo Peak Program Meter using arduino	http://duino4projects.com/?p=14948
Arduino Projects on a breadboard (no serial com)	http://duino4projects.com/?p=1805
Arduino Projects: Digital Audio Recorder	http://duino4projects.com/?p=17911
Arduino ProtoShield from Household Items	http://arduino4projects.com/?p=5313
Arduino Prototype Center	http://arduino4projects.com/?p=6698
Arduino Prototyping Shield on the cheap	http://arduino4projects.com/?p=5392
Arduino punk console	http://arduino4projects.com/?p=3677
Arduino PWM Led Control using arduino	http://duino4projects.com/?p=14952
Arduino Quadruped Robot Stalker	http://arduino4projects.com/?p=3709
Arduino Quilting Machine	http://duino4projects.com/?p=10055
Arduino R/C Lawnmower (painted)	http://duino4projects.com/?p=17521
Arduino R/C Lawnmower	http://arduino4projects.com/?p=1489
ARDUINO RF power & SWR meter	http://duino4projects.com/?p=16886
Arduino RFID Door Lock	http://arduino4projects.com/?p=1719
Arduino RFID Lock	http://arduino4projects.com/?p=4558
Arduino Robot Arm - LarryArm v0.1	http://duino4projects.com/?p=10695
Arduino robot kit - Wiring Diagram	http://duino4projects.com/?p=15333
Arduino Robot V2 (Fast) Also Voice Controlled	http://duino4projects.com/?p=10202
Arduino Robotic Arm	http://arduino4projects.com/?p=6559
Arduino Row-column Scanning to control an 8×8 LED Matrix Code	http://arduino4projects.com/?p=4178
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Arduino Solar Cell Tester	http://arduino4projects.com/?p=2410
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Arduino Solar Shield – A DIY solar source for your projects without waiting for PCBs	http://arduino4projects.com/?p=2122
Arduino Solar Tracker	http://arduino4projects.com/?p=1425
Arduino Solar Tracking Robot	http://duino4projects.com/?p=12582
Arduino SOS signal with 8ohms speaker and LED blinking	http://arduino4projects.com/?p=2272
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Arduino Sprinkler System plus Web control	http://arduino4projects.com/?p=4916
Arduino Step Sequencer	http://duino4projects.com/?p=12165
Arduino stepper motor and servos shield	http://arduino4projects.com/?p=2742
Arduino Stepper Motor Control	http://duino4projects.com/?p=11298
Arduino stoplight web server	http://arduino4projects.com/?p=1374
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Arduino Street Traffic Light – Breadboard Edition	http://arduino4projects.com/?p=4451
Arduino String Addition Operator Code	http://arduino4projects.com/?p=4184
Arduino String Appending Operators Code	http://arduino4projects.com/?p=4188
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Arduino Switch (case) Statement, used with serial input	http://arduino4projects.com/?p=4144
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Arduino Target Practice	http://arduino4projects.com/?p=2366
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Arduino text'in	http://duino4projects.com/?p=12331
Arduino The 5\$ Karduino\$ pad	http://arduino4projects.com/?p=990
Arduino theremin like musical instrument	http://arduino4projects.com/?p=3447
Arduino Thermal Camera	http://arduino4projects.com/?p=4685
Arduino Thermostat with TC74 sensor	http://duino4projects.com/?p=12684
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Arduino Timer Interrupts	http://arduino4projects.com/?p=4959
Arduino Tiny Temperature Shield Project	http://duino4projects.com/?p=17456
Arduino Touch Screen iTunes control (ATSIC) using arduino	http://duino4projects.com/?p=12945
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Arduino traffic lights	http://arduino4projects.com/?p=2219
Arduino True Random Number Generator	http://arduino4projects.com/?p=858
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Arduino Tutorial – Chapter 2.3: Schematic and Breadboard Diagrams	http://duino4projects.com/?p=17767
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Arduino Voltmeter Code	http://arduino4projects.com/?p=3863
Arduino wall avoiding robot	http://duino4projects.com/?p=9642
Arduino Wall Lamp	http://arduino4projects.com/?p=844
Arduino Watch Build Instructions	http://arduino4projects.com/?p=1664
Arduino Watch with Nokia 3110 screen	http://arduino4projects.com/?p=2775
Arduino Waveform Generator Shield	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 Weatherstation	http://duino4projects.com/?p=17900
Arduino Web Enabled RGB Lighting	http://arduino4projects.com/?p=7338
Arduino Webserver Control Lights, Relays, Servos, etc...	http://duino4projects.com/?p=10523
Arduino WiFi Garage Door Opener	http://duino4projects.com/?p=10266
Arduino Wii nunchuck and Wii motion plus with updated code for IDE 1.0.2 and LEDs	http://arduino4projects.com/?p=1895
Arduino Wind Instrument using arduino	http://duino4projects.com/?p=13530
Arduino Wireless Animatronic Hand	http://arduino4projects.com/?p=2827
ARDUINO WIRELESS HOME SECURITY SYSTEM	http://duino4projects.com/?p=9828
Arduino Wireless Programming with XBee Series 1 or 2	http://arduino4projects.com/?p=2139
ARDUINO with XBEE- WIRELESS SETUP DEMO	http://arduino4projects.com/?p=3000
Arduino – (Very) Basic motion tracking with 2 PIR sensors	http://duino4projects.com/?p=10633

Arduino - A Basic Theremin	http://duino4projects.com/?p=10657
Arduino - based camera trigger unit	http://duino4projects.com/?p=14472
Arduino - Basic Persistence of Vision	http://duino4projects.com/?p=10654
Arduino - Basic Theremin meets Processing!	http://duino4projects.com/?p=10660
Arduino - Cannot get ECG readings from heart, but I do when I poke at the leads	http://duino4projects.com/?p=17821
Arduino - Control a DC motor with TIP120, potentiometer and multiple power supplies	http://duino4projects.com/?p=10615
Arduino - Control LEDs with a Remote Control	http://arduino4projects.com/?p=1927
Arduino - Getting my LCD Screen to work	http://duino4projects.com/?p=10651
Arduino - IR remote/ intervalometer for Nikon D80 DSLR	http://duino4projects.com/?p=10626
Arduino - making a basic drum machine	http://duino4projects.com/?p=10636
Arduino - motion triggered camera	http://duino4projects.com/?p=10629
Arduino - One Wire Digital Temperature Sensor - DS18B20	http://duino4projects.com/?p=14591
Arduino - Simple Simon Says Game	http://arduino4projects.com/?p=7316
Arduino - Sonic range finder with SRF05	http://duino4projects.com/?p=10622
Arduino - Theremin with 7 Segment LED Display	http://arduino4projects.com/?p=6937
Arduino - Using a Sharp IR Sensor for Distance Calculation	http://duino4projects.com/?p=10677
Arduino+Stepper Motor Camera Slider	http://duino4projects.com/?p=10160
Arduino, Sensors, and MIDI	http://duino4projects.com/?p=10475
Arduino-Based Blue Box (Phone Phreaking)	http://duino4projects.com/?p=9572
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Arduino-based line follower robot using Pololu QTR-8RC line sensor	http://arduino4projects.com/?p=2820
Arduino-based master clock for schools	http://arduino4projects.com/?p=1724
Arduino-Based Optical Tachometer using arduino	http://duino4projects.com/?p=13814
Arduino-Based Optical Tachometer	http://duino4projects.com/?p=15314
Arduino-Based Shadow Alarm	http://duino4projects.com/?p=17299
Arduino-Controlled Chemical Foam Spewing Pumpkin	http://arduino4projects.com/?p=6166

Arduino-Controlled Physics Lab Fan-Cart	http://duino4projects.com/?p=10749
Arduino-controlled RGB LED Infinity Mirror	http://arduino4projects.com/?p=7040
Arduino-Controlled Robotic Drum	http://duino4projects.com/?p=17541
Arduino-controlled, Aluminum Archangel Costume Wings	http://arduino4projects.com/?p=957
Arduino-enabled Patron Interaction Counting using arduino	http://duino4projects.com/?p=14614
Arduino-I3dgecomm - Integrating L3DGEWorld and Arduino	http://arduino4projects.com/?p=171
Arduino-plex 2.0: Modular Plexiglas Arduino Work Surface	http://arduino4projects.com/?p=7572
Arduino-Pneumatic Flight Simulator	http://arduino4projects.com/?p=7059
Arduino-powered A-10 stick grip remote w/Emergency Party Button	http://arduino4projects.com/?p=5155
Arduino-powered LED Clock	http://duino4projects.com/?p=9314
Arduino-Radio Controlled Hydrogen Blimp	http://arduino4projects.com/?p=339
Arduino-Square with Color LCD	http://arduino4projects.com/?p=2828
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Arduino: Controlling the Robot Arm	http://duino4projects.com/?p=10692
Arduino: Electrical Engineering Basics	http://arduino4projects.com/?p=3773
Arduino: Making a set of traffic lights	http://arduino4projects.com/?p=1030
Arduino: measuring the Earth's magnetic field with the magnetometer HMC5883L using arduino	http://duino4projects.com/?p=14671
ArduinoISP Bootloader/Programmer Combination Shield	http://arduino4projects.com/?p=2841
ArduinoPhone	http://arduino4projects.com/?p=7246
ArduRoller balance bot	http://duino4projects.com/?p=13354
ArduSensor Fun Pack	http://duino4projects.com/?p=12608
ArduSumo: an Open Source Platform for Fighting Robots using Arduino	http://arduino4projects.com/?p=296
Ariadne - a 1st person maze on a 16x2 LCD using Arduino	http://arduino4projects.com/?p=2177
ArrDrownHo! - Easily convert AVR to Arduino	http://arduino4projects.com/?p=7124
Artist's Machine	http://duino4projects.com/?p=11999
Artoo [R2] (ATTiny2313 Wall Avoiding Robot)	http://arduino4projects.com/?

Arudino- No Blinky	p=7407 http://arduino4projects.com/?p=1947
ASCII Table using Arduino	http://arduino4projects.com/?p=4062
Assembling the 8×8 LED Board Kit	http://arduino4projects.com/?p=7540
Assembling the ZIFduino USB 1.2	http://arduino4projects.com/?p=1951
Athena: The Global Car Tracking System(3D Images)	http://arduino4projects.com/?p=6733
ATTiny powered Arduino Projects	http://arduino4projects.com/?p=2851
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ATtiny programming with Arduino	http://arduino4projects.com/?p=1910
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ATtiny85 POV Display using arduino	http://duino4projects.com/?p=10035
ATtiny85/45/25 LED dice	http://duino4projects.com/?p=12447
Audio Input to Arduino	http://arduino4projects.com/?p=3286
Audio Input using an Arduino Board	http://arduino4projects.com/?p=480
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Audio VU Meter using Arduino	http://arduino4projects.com/?p=3425
Audio VU meter with Extra wide Dynamic Range 69 dB using Arduino	http://arduino4projects.com/?p=3355
Aduino Lo-fi Synth for Arduino	http://arduino4projects.com/?p=1176
Augment a Moog Etherwave Theremin	http://duino4projects.com/?p=17331
Augmented Water using arduino	http://duino4projects.com/?p=10031
Augmenting Plant Behavior Through Robotics using Arduino	http://arduino4projects.com/?p=3595
Auto Fish Feeder using Arduino	http://duino4projects.com/?p=9774
Auto Leveling Laser Cross using Arduino	http://arduino4projects.com/?p=1212
Auto reset stuff with Arduino	http://arduino4projects.com/?p=2255
Automate Your Garage Opening Times	http://arduino4projects.com/?p=7614
Automated LED stairs using arduino	http://duino4projects.com/?p=14476

Automatic blind hooked up to existing projector screen using Arduino	http://arduino4projects.com/?p=2359
Automatic Camera Shutter Switch	http://arduino4projects.com/?p=6839
Automatic Garden Watering Device – Arduino	http://duino4projects.com/?p=17409
Automatic Home surveillance system using arduino(simple and cheap)	http://duino4projects.com/?p=17451
Automatic Multi-Photo Taker (Photobooth Style)	http://arduino4projects.com/?p=7446
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DIY FPV RC Tank V2 [2km RANGE upgrade!] using Arduino	http://duino4projects.com/?p=9962
DIY FSK RFID Reader using Arduino	http://arduino4projects.com/?p=4429
DIY GPS Tracked Bike Lock using Arduino	http://duino4projects.com/?p=9958
DIY handmade Hexapod with arduino (Hexdrake)	http://duino4projects.com/?p=10254
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DIY Motion Sensor Alarm System	http://arduino4projects.com/?p=7438
DIY navigation device for blind people using Arduino and Android smart phone	http://duino4projects.com/?p=9725
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