

## Projects

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1. Arduino Mega 2560
2. Implementing Discrete Fourier Transform in Atmega32 to make an audio spectrum analyzer
3. Generating AUDIO ECHO using Atmega32 microcontroller
4. Running PYTHON (pymite-09) on an Arduino MEGA 2560 using atmega16 micrcontroller
5. Drawing geometric figures on a PAL TV using ATmega32 (128×64 resolution)
6. AVR based monochrome signal generation for a PAL TV using atmega16 micrcontroller
7. An attempt to show grayscale images on an LED dot matrix display with software PWM using PIC16F877A
8. Multitasking in AVR (A demo to run 7 tasks on an atmega32)
9. TV remote controller 160KHz High Quality Stereo MMC WAV player using ATMEGA32
10. DIY AVR Programmers
11. NOKIA 3310 LCD interfacing with ATmega8
12. 4×4 Matrix Key-board Interfacing with ATmega32
13. My own AVR ISP programmer using PIC16f877a and python!
14. 4 bit interfacing of a 16X2 LCD display to PIC16F877A, Atmega16/32 & MSP430
15. Simple PWM DC motor control using MOSFET H-Bridge with AVR ATmega8
16. Delta Robot using atmega32 micrcontroller
17. CNC Update 2 Using atmega32 microcontroller
18. EPROM Display using ULN2308A microcontroller
19. Thermometer using DS1621 and Nokia 3310 LCD interfaced with ATmega8
20. 8×8 Bicolor LED Matrix using MAX6964
21. UV Exposure Unit & Etching
22. microSD ATmega32 Data-Logger
23. 4×4 LED Display
24. Ultrasonic range finder using ATMega8515
25. microSD FAT32 testing using Visual C++
26. LPH7319 controlled via I2C
27. SD/SDHC Card Interfacing with ATmega8 /32 (FAT32 implementation)
28. Capacitance and Inductance meter using Atmega8
29. Make-Yourself ATmega32 Starter's Kit with LCD, I2C, SPI, RTC, ADC interfaces
30. Digital Voltmeter using Microcontroller Atmega8
31. Digital dimmer using Microcontroller atmega8
32. DS1307 based Clock using lcd
33. ATTiny Board For AVR ATTiny microcontrollers
34. Traffic light controller using avr microcontroller
35. Scientific Calculator using AVR Microcontroller
36. Thermometer with Clock using ATmega16
37. ISD4004 based voice recorder
38. DC Motor Speed Control using PWM
39. Measure negative temperature with Lm35
40. Box with a Music Lock using ATMega328P Microcontroller
41. Picopter using Microcontroller ATmega128RFA1
42. Using the 8Pin ATTINY programming shield with an external clock
43. Hack a Toaster Oven for Reflow Soldering using ATmega32 microcontroller
44. How to drive a lot of LEDs from a few microcontroller pins.
45. Turn a TV-B-Gone into a super camera remote
46. Using AtTiny2313 microcontroller Build an electronic polyhedral die
47. Using max7219 microcontroller Build an electronic score keeper/storage box
48. Starry Ceiling for Kids Bedroom Using AT90S8538 microcontroller
49. DIY TiX Clock using ATMEGA16 AVR microcontroller
50. Using ATMega328 Microcontroller Custom Tron Disc Mod
51. USB PCB Business Card Using ATtiny85 Microcontroller
52. Ghetto Pixels – Building an open source BlinkM Using ATTiny45 Microcontroller
53. LED wind indicator Using atmega8 Microcontroller
54. Make an automatic plant light using ATTiny26 Microcontroller

55. ATTiny2313 Board RS232
56. Transform a cheap RC Transmitter with Custom Firmware using ATMEGA64 Microcontroller
57. Simple calculator using avr microcontroller Atmega16
58. Graphical LCD with KS108 controller
59. Stepper motor Control with Atmega16
60. Digital Melody player using atmega16 microcontroller
61. SMT160 based Temperature indicator
62. Temperature controlled fan using PWM microcontroller
63. LCD Display On Glass Interface Using AT2313
64. 8 MHz frequency meter using AVR microcontroller
65. LCD Interface Board Using ATTiny2313
66. LCD Message Display Using AT Mega8 microcontroller
67. MMC card based WAV player using atmega32
68. AVR GPS Locator using avr microcontroller
69. LCD Thermometer LM35 Using AT Mega8
70. LCD Thermometer TCN75 Using ATTiny2313
71. LCD Thermometer TCN77 Using AVR Microcontroller
72. PC Steppermotor Driver Using AT2313  $\mu$ -controller
73. PC Thermometer Using ATTiny2313
74. Real Time Clock ATmega16
75. Multipattern Running light using ATtiny2313 microcontroller
76. Bluetooth Based Smart Home using atmega8 microcontroller
77. 8x8 Dotmatrix Scrolling LED display using atmega8515 microcontroller
78. Real Time Clock PCF8583 Using AVR microcontroller
79. DS1820 Temperature Controller using atmega8515 microcontroller
80. Relais Board Using AT2313
81. Stepper motor Driver Using AT2313 microcontroller
82. Temperature Indicator Using attiny2313 micrcontroller
83. ATTiny2313 Multi-mode LED Matrix Clock
84. An Absolute Beginner's Guide to 8-Bit AVR Programming-AVR Dragon
85. Cellphone Operated Robot Using Microcontrollers
86. How to Read Many Switches with One MCU Pin
87. How To Use a Nokia Color LCD using an AVR
88. Charlieplexing 7 segment displays using Microcontroller
89. Rainbow glowing ping pong Using ATting 13
90. Lampduino – an 8x8 RGB Floor Lamp
91. How to get started with Eclipse and AVR
92. Build your own Wifi radio using Microcontroller ATmega16
93. Yet Another Daft Punk Coffee Table (5x5 LED Matrix)
94. Numitron clock & thermometer using Microcontroller atmega48
95. Mechanized Android Figure using Microcontroller ATtiny44A
96. Rechargeable Battery Capacity Tester using Microcontroller ATmega168
97. Music Playing Alarm Clock using Microcontroller AT90USB1286
98. USB controlled home automation hack using Microcontroller ATmega8
99. Power your Arduino/AVR with a Hand-Cranked Battery
100. Debugging AVR code in Linux with simavr using Microcontroller ATTiny85
101. LED Binary Calculator using Microcontroller ATtiny2313
102. Make a 8x10 L.E.D Matrix using the Arduino and 4017 decade counter
103. The Multi-format Clock – Gift contest
104. Infrared Proximity Sensing Coffee Table Module & Color Changing Glowing Faucet using Microcontroller ATMEGA48
105. LED Cube 4x4x4 using Microcontroller Atmega16
106. Atmel Xmega USB/Serial Arbitrary Waveform Generator
107. Color Changing Digital PC Fan Controller using Microcontroller ATmega168
108. LED Scolling Dot Matrix Font & Graphics Generator 5x8 5x7 8x8 using the AVR ATtiny2313 and AVRStudio
109. Servo Controlled Labyrinth using Microcontroller ATmega32
110. Ghetto Programming: Getting started with AVR microprocessors on the cheap.
111. A sunrise and sunset lamp with LEDs
112. Build your own (cheap!) multi-function wireless camera controller using Microcontroller AVR ATmega8
113. AVRSH: A Command Interpreter Shell for Arduino/AVR.
114. LED Microcontrolled Stained Glass Firefly Pendant using Microcontroller ATTiny45 chip
115. How To Communicate With An Alien Artifact or . . .
116. Swiss AVR Knife using Microcontroller ATtiny84
117. How to choose a MicroController
118. LED Hanukkah Menorah using Microcontroller ATtiny13

119. Buggy – A Crafty Programmable LED Creature using Microcontroller Atmel Attiny44v
120. DIY Electronic Birthday Blowout Candles
121. Faraday For Fun: An Electronic Batteryless Dice using Microcontroller ATTiny13
122. AVR32 Development Board at Home
123. Charlieplexing 7 segment displays using Atmel Tiny26 microcontroller
124. LED matrix using shift registers
125. The Arduino LED Cube using LED microcontroller
126. Synchronizing Fireflies using Microcontroller ATtiny13
127. Adding ICSP header to your Arduino/AVR board using ISP10PIN microcontroller
128. Led dimmer 2 channels using Attiny13 microcontroller
129. Getting started with ubuntu and the AVR dragon using atmega8 microcontroller
130. Guia para programar uC AVR – Dark Side Electronics using AVR microcontroller
131. How to add more Outputs to your Microcontroller using 74HC595 microcontroller
132. AVR mini board with additional boards using attiny2313 microcontroller
133. Low speed AVR oscilloscope V2.00 (Is updated on 19 Mar 2011)
134. Using Arduino to communicate with embedded project using AVR ATMEGA microcontroller
135. Build a Complete AVR System and Play Mastermind Using Microcontrollers
136. Stripboard Arduino using ATmega168 microcontroller
137. LoveBox – The box of love using ATtiny2313 Microcontroller
138. Making a set of traffic lights Using Arduino
139. Power Your Arduino From Your Car using AVR microcontroller
140. AVR LCD Namebadge Using ATtiny2313
141. How to Read Binary/Hex Thumbwheel Switch with an AVR Microcontroller using ATmega328p microcontroller
142. Instalacion del controlador USBasp (USBasp drivers setup) – Dark Side Electronics using AVR microcontroller
143. Micro controller programming: Making a set of traffic lights using Microcontroller ATTiny2313
144. ISP 6 pin to 8 Pin Socket Using ATTiny45
145. ATtiny programming with Arduino
146. Repair dead AVR's – Attiny fusebit doctor (HVSP)
147. Connecting Nokia 3310 LCD to USB using AVR
148. 16-key Keypad Decoding with an AVR MCU
149. I2C Bus for ATtiny and ATmega168
150. Jar of Fireflies using AVR ATTiny45 Microcontroller
151. Getting started with VMUSIC2
152. Hacking your Digg Button with a Removable Interface Cable using AVR
153. Programmable LED using Atmel ATtiny13v Microcontroller
154. How to use an LED Array Module using AVR
155. Fire-free LED Matchstick Using a Tiny13 microcontroller
156. Tiny AVR Microcontroller Runs on a Fruit Battery
157. Direction Aware Messaging LED Spin Top
158. VUSBTiny AVR SPI Programmer Using ATtiny85
159. Development system for PIC and AVR microcontrollers
160. Augmenting a Microcontroller using AVR
161. FanBus Digital Fan and LED Interface for PC using ATmega168 microcontroller
162. New Jar of Fireflies
163. USB RFID Reading Keyboard using USnooBie
164. Ghetto Development Environment Using Microcontrollers
165. A protective case for the Atmel AVR Dragon using AVR
166. Telnet to your Arduino/AVR!
167. How To Make A Grounding Wrist Band
168. AVR/Arduino RFID Reader with UART Code in C
169. Watch futurama on an 8x8 pixel screen using atmega168 microcontroller
170. Debugging AVR code in Linux with simavr
171. Apple-style LED pulsing using a \$1.30 MCU using ATTiny85 microcontroller
172. Slaveflash-trigger for digital cameras with Attiny24
173. Getting started with LCD's and Microprocessors
174. Drive a Stepper Motor with an AVR Microprocessor using ATTiny2313 microcontroller
175. Electronic Tic-Tac-Toe with RGB LEDs
176. Build the Penguin game system using ATmega32/644 microcontroller
177. Power Your Arduino From Your Car
178. DIY Digital Thermometer Using ATmega8
179. How to Read Binary/Hex Thumbwheel Switch with an AVR Microcontroller
180. Instalacion del controlador USBasp (USBasp drivers setup) – Dark Side Electronics
181. Open Source Temperature Controller- Appliance Heat Exchanger
182. Annoying Beeper using Microcontroller ATtiny13

183. Direction Aware Messaging LED Spin Top using Tiny44 microcontroller
184. Programming adapter from 10 pin to 6 pin for AVR's
185. Getting started with LCD's and Microprocessors using ATmega8
186. Build a Complete AVR System and Play Mastermind using ATmega328p microcontroller
187. External device control (i.e. coffee machine).
188. Slaveflash with Attiny24 ver. 2.0
189. Fun Hackable Speaker Timer using ATmega328 microcontroller
190. Assembling the Dragon Rider 500 for use with the AVR Dragon using ATmega88 microcontroller
191. Assembling the ZIFduino USB 1.2 using ATMEGA168 microcontroller
192. Beginner's Guide – AVR Programming
193. Arduino powered hangman giftbox/lockbox using ATmega328 microcontroller
194. Use Google Voice Search through Arduino & Bluetooth
195. Smoke & Fume Absorber
196. GuGaplexed Valentine LED Heart using ATTiny13V Microcontroller
197. Turn Your Arduino Into an ISP
198. The Household Informer using atmega168 microcontroller
199. Laser Tripwire takes a Photo, Uploads it to Twitter
200. Use Visual Studio 2010 to Compile AVR Hex Files using AVR microcontroller
201. Using the iRobot Create's Command Module with Linux using avr microcontroller
202. Arduino animatronics- make your awesome costumes more awesome! using ATmega328 microcontroller
203. Control Electronics using an Arduino and Infrared LEDs
204. How to have fun with Arduino (and become a Geek in the process)
205. Arduino R/C Lawnmower (painted) using Atmega168 microcontroller
206. The Word Clock – Arduino version using ATmega168 microcontroller
207. Light for life: Glowing button cycling jacket
208. A credit card sized Ethernet Arduino compatible controller board using ATmega168 microcontroller
209. Superb DIY Retro Lighting Design
210. Wi-Fi Enabled Coil Gun with iPhone App
211. Magnetic Levitation using the Arduino
212. Gmail and RSS Notifiers using the Arduino
213. Secret Knock Detecting Door Lock
214. Wireless Altoids Display
215. Temperature Control For Kitchen Appliances
216. How To Smell Pollutants
217. How to connect Arduino and RFID
218. Mushroom Environment Control – Arduino Powered
219. Arduino Watch Build Instructions
220. Digital Window Sticker (Arduino Controlled) using ATmega328 microcontroller
221. Interface a rotary phone dial to an Arduino
222. Arduino Powered Binary Clock using ATmega168 microcontroller
223. Arduino All-in-One Getting Started Guide
224. The Arduino Weather Station / Thermostat using ATmega328 microcontroller
225. Control a Schlage electronic deadbolt with an arduino!
226. Garduino: Gardening + Arduino
227. Garduino Upgrade, Now with more Twitter!
228. How to make a multi-layered acrylic and LED sculpture with variable lighting levels
229. Ardu-pong! the Arduino based pong console
230. Arduino Laser Tag – Duino Tag
231. The 4x4x4 LED cube (Arduino)
232. Arduino and Touchpad Tic Tac Toe using microcontroller
233. Interfacing ATmega32 with an LCD and a DAC
234. Make a Web Connected Robot (for about \$500) (using an Arduino and Netbook)
235. The Lightning Simulator/Breathalyzer/Graphic Equalizer – Using Arduino Powered
236. Arduino XMAS hitcounter using AVR microcontroller
237. Arduino magnetic stripe decoder using microcontroller
238. Arduino EMF (Electromagnetic Field) Detector
239. Using a Dot Matrix LED with an Arduino and Shift Register
240. The 74HC164 Shift Register and your Arduino using GD74HC164 microcontroller
241. Turn signal biking jacket using microcontroller
242. Ard-e: The robot with an Arduino as a brain using microcontroller
243. Build Your Own BARBOT using AVR microcontroller
244. Custom Tron Disc Mod using ATmega328
245. Vintage Toothbrush Timer using ATmega328p
246. Turn a TV-B-Gone into a super camera remote!

247. Singing Pumpkins/ Arduino using microcontroller

248. How to program a AVR (arduino) with another arduino using atmega168 microcontroller

249. How to control a 16x2 LCD using an AVR ATtiny2313

250. Creating a charlieplexed LED grid to run on ATTiny85

251. How to program a AVR (arduino) with another arduino using attiny2313 microcontroller

252. Make a breadboard adapter for your AVR microcontroller using attiny2313

253. How to use the Dragon Rider 500 with your AVR Dragon using ATtiny2313 microcontroller

254. Getting Started with Atmel AVR and BASCOM using attiny26 microcontroller

255. Door Activated LED Lighting using Hall Effect Sensors using Attiny85 microcontroller

256. Music Playing Alarm Clock using ATmega644 microcontroller

257. Jar of Fireflies using AVR ATTiny45 microcontroller

258. Programming Arduino Bootloader without Programmer using ATmega168 microcontroller

259. \$1.50 Arduino TV Annoyer!! (Turns TVs on when you want them off) using microcontroller

260. Soldering an SMT MOSFET Driver with a hotplate using microcontroller

261. The \$9 Quasi-duino (Almost-duino) using ATmega328 microcontroll

262. \$10 ATTiny85/45 POV display!! (works really well)

263. How to use a 74HC595 Shift Register with a using AVR ATtiny13 microcontroller

264. Autonomus Wall Following Obstacle Avoiding Arduino Rescue Bot

265. Arduino FTDI Header using ATmega8 microcontroller

266. Power your Arduino/AVR with a Hand-Cranked Battery using ATmega8 microcontroller

267. Rechargeable Battery Capacity Tester using ATMega168 microcontroller

268. YAFLC (Yet Another Flickering LED Candle) using Tiny45 microcontroller

269. 3 Easy Holiday Gifts using ATTiny microcontroller

270. Ambient Light Gift Badge using ATTiny13 microcontroller

271. Color Sensor using Atmega16 microcontroller

272. Control Anything with one AVR pin using Attiny2313 microcontroller

273. Mini RGB Light Cube using AVR microcontroller

274. Wireless Accelerometer Controlled rgb-LED's using atmega168 microcontroller

275. AVR acoustic spectrum analyzer using Atmega8 microcontroller

276. Intelligent temperature monitoring and control system using AVR microcontroller

277. Building a digital light meter with a calibrated LDR using Atmega8 microcontroller

278. An universal programming adapter for the Atmel STK500 using AVR microcontroller

279. A complete starter guide to AVR's using attiny2313 microcontroller

280. Atmega8 measures ambient temperature and relative humidity using HSM-20G sensor

281. Portal "Still Alive" on using ATMega16 microcontrollers

282. ISP Breadboard Header using AVR microcontrollers

283. The simple joule thief using AVR microcontrollers

284. Halloween Robot using Attiny microcontrollers

285. Reading Switches with using Attiny microcontrollers

286. Blinking, Singing, Marioman using Attiny microcontrollers

287. Development Board With LCD using Atmega16 microcontrollers

288. Build an AVR Xmega Prototyping Board using AVR microcontrollers

289. Tetris and Snake with one AVR using Atmega168 microcontroller

290. Easy Data Logger with Virtual USB using ATtiny45 microcontroller

291. 50 MHz range frequency counter using ATtiny45 microcontroller

292. AVR based remote controlled fan regulator

293. Open Source USB AVR Programmer for Students and Hobbyists using Atmega8 microcontroller

294. AVR displays body temperature on a Nokia 3310 LCD using Atmega8 microcontroller

295. Automate lights in your kitchen area using ATTiny84 microcontroller

296. Experimental board using ATTiny2313 microcontroller

297. USB business card with a computer chip board using ATtiny85 microcontroller

298. Open source color video game development system based on AVR

299. AM radio transmission using AVR using Atmega324 microcontroller

300. Digital oscilloscope GLCD using Atmega32 microcontroller

301. VGA monitor tester using ATTiny2313 microcontroller

302. Portable 2.4 GHz Spectrum Analyzer using Atmega8 microcontroller

303. AVR digital clock with white seven segment LED display using ATtiny26 microcontroller

304. A multifunction digital meter using Atmega128 microcontroller

305. A physical display device for website visitors based on Atmega168

306. Turn your TV into a Digital Voltmeter using Atmel's AVR 90S1200 microcontroller

307. Multi-channel temperature logger using Atmega48 microcontroller

308. Cellphone controlled robot vehicle using ATmega16 microcontroller

309. Looking for expanding RAM for your Atmega128

310. Power Supply using AVR microcontroller

311. LC Meter using AVR microcontroller
312. Oscilloscope using AVR microcontroller
313. 2 Bit u Stepper using microcontroller
314. Dimmer using ATTiny2313 microcontroller
315. Door Opener using ATTiny2313 microcontroller
316. Beamer Control using attiny2313 microcontroller
317. Programmer using ATMEGA8 microcontroller
318. Programmer UsbAsp using AVR microcontroller
319. Power usage monitor using Atmel AVR using Atmega168 microcontroller
320. Kitchen Timer using ATTiny2313 microcontroller
321. Tea Timer using ATTiny2313 microcontroller
322. Monochrome Composite Video using Atmega8
323. Easy Breadboarding using ATmega microcontroller
324. Dotmatrix using ATtiny2313 microcontroller
325. AVR Based CRO using Atmega16 microcontroller
326. PCM Audio Based Door Bell using Atmega32 microcontroller
327. Temperature Sensor Using ATmega8 and display using LCD(16x2)
328. 6 LED Knight Rider using ATtiny22 microcontroller
329. 8 LED Knight Rider using AVR microcontroller
330. 16 LED Knight Rider using 74HCT138 microcontroller
331. Helianthus: The Solar Tracking System using ATmega16 microcontroller
332. DS1802 Digital Volume Control using microcontroller
333. DS1669 Digital Potmeter UP/DOWN using microcontroller
334. 93C66 EEPROM chip with an AVR microcontroller
335. Advance Fire Alarm through Mobile Phone using microcontroller
336. Head-Controlled Keyboard And Mouse For Disabled, using AVR and ATmega32 microcontroller
337. TIL311 / INL0397-1 Hexadecimal Display using AVR microcontroller
338. Programming AVR ATxMega using USBasp and ATxmega microcontroller
339. Controlling 7-segments LED displays using AVR microcontroller
340. Simple USB AVR programmer, USBasp using ATmega8 microcontroller
341. Pinning LCD display 1601 using microcontroller
342. Open Source AVR Temperature Controller using ATmega48 microcontroller
343. A GLCD connected to an AVR microcontroller using ATmega8 microcontroller
344. 3D Color LED Graphics Display using ATmega32 microcontroller
345. AVR Based Operating System using ATmega32 microcontroller
346. Switching between Red, Green and Blue (or Blue1 or/and Blue2 for an RGBB type) using AVR microcontroller
347. Modular User Interface System using ATmega88 microcontroller
348. Controlling SpeakJet with an AVR microcontroller using ATmega88 microcontroller
349. Controlling internal DAC AT90PWM3 using microcontroller
350. White 7-segments clock ATtiny26
351. AVR assembly language
352. SP12 serial programmer software
353. Low-cost AVR programmer
354. Wireless Internet Radio Receiver using AT90CAN128 Microcontroller
355. AVR Switch Timer using ATmega8 Microcontroller
356. 5 Channel USB Analog Sensor with AVR using ATmega48 Microcontroller
357. AVR Based Car Diagnostic Tools using ATmega169
358. AVR Thermocouple Temperature Meter using ATmega164 microcontroller
359. Auto Sensing Sous-Vide Cooker using AVR microcontroller
360. Ultrasonic Security System using Atmega644 microcontroller
361. TinyRealTime, Small Real Time Kernel for AVR using atmega644 microcontroller
362. STK500 Compatible ISP using AVR microcontroller
363. AVR High Voltage Programmer Using Arduino AVR microcontroller
364. AvrX, Real Time Kernel using AVR microcontroller
365. AVR Touchpad Handwriting Recognition using ATmega644 microcontroller
366. AVR Wide Range LC,F, ESR Meter using AVR ATmega88PA-PU microcontroller
367. AVR Based Mobile Phone using AVR ATmega128A microcontroller
368. AVR Ultrasonic Spheroid Levitation Device using ATmega16 microcontroller
369. Clever Clapper using ATTiny2313 microcontroller
370. Mini Logic Analyzer using ATmega8 microcontroller
371. AVR LED Candle using ATtiny85 microcontroller
372. Handy Password Managing System, Lord of the Keys using AVR ATmega168
373. Speaking Calculator using AVR ATmega88 microcontroller
374. AVR Security Keypad Lock using ATtiny2313 microcontroller

375. Simple Automatic Battery Discharge Analyzer using ATmega48 microcontroller  
376. Rechargeable Battery Capacity Tester using ATmega168 microcontroller  
377. Electric Spinning Wheel using ATmega8 microcontroller  
378. AVR Code Debugger using AVR microcontroller  
379. AVR Data Logger with MicroSD using ATmega32 microcontroller  
380. Ear Trainer using ATmega644 microcontroller  
381. Low Picofarad Capacitance Meter ATtiny2313 microcontroller  
382. DC Servomotor Controller System Meter using ATtiny2313 microcontroller  
383. AVR Digital Hum Nuller using ATmega168 microcontroller  
384. Wireless Human Health Monitor using ATmega644 microcontroller  
385. Energy Monitoring Transmitter using Atmega328 microcontroller  
386. AVR Power Usage Logger using ATmega168 microcontroller  
387. AVR Music Player with Alarm Clock using AT90USB1286 microcontroller  
388. Interfacing TCS3200 Colour Sensor with AVR ATmega32  
389. SMS Based Voting System – AVR GSM Project using ATmega32 microcontroller  
390. Line Following Robot using AVR ATmega8  
391. PS2 Keyboard Interface with AVR MCU using ATmega8 microcontroller  
392. AVR ATmega8 Project LED Moving Message Display using ATmega8 microcontroller  
393. PC Controlled Robot using ATmega32  
394. Visualize ADC data on PC Screen using USART AVR Project using microcontroller  
395. AVR RGB LED and Sound Show using ATmega168 microcontroller  
396. ATmega8 Based Multi channel IR Remote  
397. ATmega8 Based Smart Code Lock  
398. ATmega8 based RPM Meter  
399. Remote Controlled Fan Regulator using ATmega8 microcontroller  
400. Relay Timer with ATmega8 AVR MCU  
401. Digital Stop Watch with ATmega8 using microcontroller  
402. EPROM adapter for ATMEL 89 Series Flash Microcontroller Programmer Ver 2.0  
403. Java virtual machine for the Atmel AVR ATmega8  
404. AVR Compiler toolchain for MAC using ATmega8 microcontroller  
405. Wireless Lan for AVR microcontrollers  
406. Acceleration sensing USB interface using Atmega8 microcontroller  
407. i2c interface to USB interface using attiny45 microcontroller  
408. 80x32 LED matrix display using ATmega32 microcontroller  
409. RCEN fuse programmer using AT90S1200A microcontroller  
410. RF 2 channel remote control 418MHz using AVR microcontroller  
411. SMS control 4 way remote control relays using ATtiny2313 microcontroller  
412. 10 Bit analog to digital converter using ATtiny26 microcontroller  
413. USB AVR programmer using ATtiny2313 microcontroller  
414. Midi Generator using ATtiny26-8PI microcontroller  
415. VGA Monitor adaptor using AVR microcontroller  
416. AVR LCD Microcontrolled Oscilloscope using ATmega32 microcontroller  
417. LCD Car Accelerometer using microcontroller  
418. Atmel avr usb programmer using ATMEGA8 microcontroller  
419. Lux meters attiny26-16 light measurement circuit using attiny26 microcontroller  
420. Atmel atmega128 clock ds1307 tda5410 hard disk using atmega128 microcontroller  
421. Heart of LEDs using microcontroller  
422. Atmel Bascom avr 8051 project, the circuit archive using AT89S8252 microcontroller  
423. Atmel atmega projects I35 heat time display keypad using ATmega microcontroller  
424. AVR terminal for serial port using TSOP1738 microcontroller  
425. Atmel AT89C2051 hardware keyloggers circuit with using AT89C2051 microcontroller  
426. Nixie Clock with AVR using ATmega48 microcontroller  
427. Packet Radio using AVR microcontroller  
428. 8 channel LCD Teperature meter using microcontroller  
429. Frequency counter using AVR microcontroller  
430. Computer controlled marquee at90s2313 74hc595  
431. PC Temperature Meter using ATtiny15 microcontroller  
432. Atmel Avr Project Circuit Archive 360 MB using ATmega8 microcontroller  
433. Capacitance Meter using AVR microcontroller  
434. AT89C52 DS1302 DS18B20 LCD On Time-Temperature  
435. AVR Programmer with ATmega8-16  
436. 8 Channel PWM using AVR microcontroller  
437. 89C517 Segment Display using the Digital Time  
438. Morse Code Alarm Clock using ATtiny2313 microcontroller

439. 1 KHz Synchronous Detector using AVR microcontroller  
440. PWM Waveform Capture using AVR microcontroller  
441. Analog Multiplexer using AVR microcontroller  
442. ATtiny12 fuse restorer using microcontroller  
443. EEPROM Driver for AVR with RAM using ATtiny15 microcontroller  
444. Decoding 4 buttons with two I/O's on AVR using ATtiny12 microcontroller  
445. Multimeter with Atmel using Atmega8-16pu microcontroller  
446. Computer connected Flower Water Circuit using ATmega8 microcontroller  
447. Atmel Test Card using ATmega32 microcontroller  
448. 100 MHz RF oscillator using ATtiny12 microcontroller  
449. Dot Matrix Display Applications using AT89C2051 microcontroller  
450. LCD Date Time Application using AT89S52 microcontroller  
451. G1216B1N000 dot graphics display using AT90S2313 microcontroller  
452. Serial interface with 2X16 LCD display using ATmega8515 microcontroller  
453. Color Sensor Circuit with AT89S52 ADC0808  
454. Led Animation Circuit with PC Connectivity using AT90S2313 microcontroller  
455. About Atmel and Combination Lock Application using AT90S2313 microcontroller  
456. Temperature Sensor Thermometer using AT89C51 and DS1621 microcontroller  
457. Control Relay Card with USB port Atmel using Atmega8 microcontroller  
458. AVR LED RF Field Strength using microcontroller  
459. LC Resonant Frequency Meter using AVR microcontroller  
460. Digital Telemetry using ATmega8 microcontroller  
461. RF Field Strength meter using AVR microcontroller  
462. Wireless Coupler Terminal Interface using AVR microcontroller  
463. 89Sxx Development Board using microcontroller  
464. PCB Exposure Box with Countdown timer using ATMEGA8 microcontroller  
465. EPROM adapter for ATMEL 89 Series Flash Microcontroller Programmer  
466. Ponyprog Circuit for ATMEL'S AVR using microcontroller  
467. Ponyprog Circuit for AVR & PIC16F84 using microcontroller  
468. Interfacing DRAM Memory using AVR microcontroller  
469. GSM GPS module shield for Arduino  
470. An Even Better LC Meter Based on the AVR ATTINY861  
471. A Pretty Good LC Meter Based on the AVR using ATTINY2313 Microcontroller  
472. A SIMPLE MANUAL CURVE TRACER using microcontroller  
473. Photocell Amplifier using microcontroller  
474. A 10 Bit LED Digital Panel Meter With Auto Ranging Based On The ATMEGA8  
475. An Isolated Adjustable Auto transformer using microcontroller  
476. MAX038-Based Sweep/Function Generator With Markers using AVR ATtiny2313 microcontroller  
477. A Noise Generator per IEC 268-1, IEC 268-5, and IEC 268-7  
478. A 1 Khz Digital Sine Wave Signal Source using ATmega8515 microcontroller  
479. Battery Checker Circuits using microcontroller  
480. LC Determination by Resonant Frequency Measurement using microcontroller  
481. RF Inductance Meter using microcontroller  
482. HF/VHF/UHF TEST OSCILLATOR using microcontroller  
483. A Little More Serious Frequency Meter using ATtiny2313 microcontroller  
484. Preamp and 330 + MHz Prescaler for A Little More Serious Frequency Meter using microcontroller  
485. Analog audio panel for PC using ATmega328 microcontroller  
486. RS-232 Freq. Meter/Pulse Generator Based on Atmel ATtiny2313 using microcontroller  
487. A Pretty Good Wattmeter For Bench Use using microcontroller  
488. MMC/SD/SDHC AVR Interface using ATmega8 microcontroller  
489. TRUE RMS-TO-DC Adapter For DVM using microcontroller  
490. I2C Tiny USB using ATtiny45 microcontroller  
491. Dutchtronix AVR Oscilloscope Clock using Atmega328 microcontroller  
492. A Microcontroller Based Digital Lock-In Milliohmmeter using ATtiny2313 microcontroller  
493. PHduino pH Meter Using Arduino  
494. HF AC Millivoltmeter Adapter using microcontroller  
495. Cellphone Operated Robot using ATmega16 AVR microcontroller  
496. Precision Audio Frequency Peak Detecting Probe using microcontroller  
497. A Field Strength Meter Using A Biased Schottky Detector using microcontroller  
498. Broadband RF Field Strength Probe using Atmel AT90S1200A AVR controller  
499. Minimum Mass Waveform Capture and Display using AT90S2313 microcontroller  
500. Simple LM335 Thermometer using microcontroller  
501. A Portable Precision Voltage Reference using microcontroller  
502. AC Current Probe for Oscilloscopes



503. Low Capacitance Scope Probe Adapter

504. White LED Drive Circuit using Tiny microcontroller

505. Attention-Getting Auxiliary Warning Light Flasher/Driver

506. 1 Watt White LED Power Supply Circuit for battery operation

507. Single and Two Cell White LED Drivers Without Inductors

508. Remote Controlled (R/C) Airplane LED Flasher using ATTINY12 microcontroller

509. FAST PRECISION LED DRIVER

510. Series Connected Voltage Boost Circuit for a Battery Operated LED Lantern

511. A White LED Night Light Design

512. White LED Battery Powered Power Failure Light

513. White LED Stroboscope

514. A 1.5 Volt, 1970's Style LED Flashing Red Caboose Marker Light using tiny microcontroller

515. Simplest LED Flasher Circuit

516. A serial interface for the Truly MTC-C162DPLY-2N using ATmega8515

517. Circuit and firmware to support Seiko-Epson G1216B1N000 dot graphics display using ATtiny2313

518. Multifunction 330 MHz Remote Control With an ATTINY2313 Simulating the PT2264 Encoder

519. DIY mobile phone - Create your own mobile phone

520. Minimum Mass Wireless LCD Display using ATtiny2313 microcontroller

521. Low cost RF for simple data link and remote control using ATtiny12 microcontroller

522. RS-232 to 100 MHz RF desktop channel adapter using ATtiny2313 microcontroller

523. Frequency Meter with 100 MHz RF desktop channel using ATtiny2313 microcontroller

524. 1750 Meter Lower Band amplitude modulated RF source using ATtiny2313 microcontroller

525. A Superhet/Direct Conversion AM receiver for 181.818 kHz using Attiny2313

526. AttoBasic HOME using Atmega168 microcontroller

527. Longboard Wheel Display using AVR microcontroller

528. AVR mod player using ATmega325 microcontroller

529. Minimum Mass Waveform Capture using AVR microcontroller

530. Audio Spectrum Monitor using S1D15200 microcontroller

531. DS interface test tool using ATtiny2313 microcontroller

532. Real Time Clock/Calendar/Alarm with Interpreter for battery backed-up and battery powered operation with DS interface using ATtiny12

533. AvrPhone using ATmega128 microcontroller

534. 3 channel, 8 bit EEPROM DAC with DS interface using ATtiny12 microcontroller

535. LED Matrix Display using TD62783 microcontroller

536. ATtiny12 fuse restorer using microcontroller

537. How to drive 595 shift registers with AVR hardware SPI using ATmega168 microcontroller

538. MP3 Player using ATMega128 microcontroller

539. PS/2 to C64 Mouse Adapter using ATmega8 microcontroller

540. LED Menorah using ATtiny13 microcontroller

541. How to control Stepper Motor using AT89C51 Microcontroller

542. LED DOT Matrix Pong using ATMega16 Microcontroller

543. Arduino VGA via Interrupts using AVR Microcontroller

544. BUILD A SIMPLE SERIAL PROGRAMMER FOR AVR DEVICES using ATtiny2313 Microcontroller

545. Making a USB based AVR Programmer using ATMEGA8 Microcontroller

546. LED Dog Collar using ATTINY2313 Microcontroller

547. Prime Calculator is Complete using ATMega8 Microcontroller

548. Barker Code-Locked Loop Synchronous Demodulator using ATtiny2313 microcontroller

549. DIY USB password generator using ATtiny Microcontroller

550. Nikon Camera Remote Control using ATtiny13 Microcontroller

551. Door Chime Privacy Sentry using Attiny12

552. Multichannel USB Analog Sensor using ATMega48 Microcontroller

553. On/Off Controller - Interfacing Touch LCD LC7981 using ATMega Microcontroller

554. Remote Control based Robot using C language

555. Led Blink Code - Hello World Led using atmega16 in C

556. AVR-GCC LCD library - mixed pin support using Atmega328P

557. Temperature sensor with time and date display on graphical LCD using Atmega32

558. Interfacing rotary encoder to Atmega32

559. Running TX433 and RX433 RF modules with AVR microcontrollers using Atmega8

560. Programming AVR ADC module with WinAVR using Atmega8 microcontroller

561. Simple signal drawing on graphical LCD routines using Atmega8 microcontroller

562. Output number when button is pressed using Atmega16 microcontroller

563. AVR-GCC 4 bit and 8 bit LCD library using ATmega8 microcontroller

564. Measuring motor speed and display result on LCD using ATmega8 microcontroller

565. Simplified AVR LCD routines using ATmega8 microcontroller

566. AVR LCD menu routine using ATmega8 microcontroller

567. Servo motor control using Atmega8 microcontroller

568. 4x4 keypad example using AVR-GCC C language

569. AVR Programmer using ATTINY2313 microcontroller

570. ATMEL AVR ATmega 8535/16/32 and ATMEL AT89S5x Family Learning Kit

571. Data Acquisition System using ATmega8

572. Project Development Board using ATTiny2313 microcontroller

573. RFID Checkout System Design using ATmega644 microcontroller

574. The Self-Driving Toy Car using ATmega1284 microcontroller

575. Adaptive Cancellation of Periodic 60 Hz Noise using ATmega32

576. Design a Customizable Virtual Keyboard using ATmega32

577. A Wearable Wireless Sensor System using ATmega644V

578. Wall of Pong using ATmega32 microcontroller

579. Self-powered solar data logger using ATmega32

580. The Reflow Soldering Oven with LCD Display using ATmega32

581. RFID security system using ATmega32 microcontroller

582. kaOS operating system and loader using ATmega32

583. Air-Mouse using ATmega32 microcontroller

584. Signal Microcontroller Simulator using AT90S8515

585. AVR Thermometer using AT90S2313 microcontroller

586. Interfacing Atmel AVR with Graphics Liquid Crystal Displays using ATmega32

587. HUB ISP – Solving the USB-Only “Chicken or Egg” Problem using ATMEGA328P

588. GSM Remote Control – GSM Module

589. AVR DDS signal generator V1.0 using ATmega8

590. Minimalist Arduino using ATmega328P microcontroller

591. Batwatch using ATTiny13V microcontroller

592. AT89LP2052 / AT89LP4052 Parallel Port Programmer

593. SD/SDHC Card Interfacing with ATmega8 /32 (FAT32 implementation)

594. FabISP, a fab-able in-system programmer using ATTiny44

595. Arduino-based master clock for schools using ATmega128

596. ATTiny breadboard headers using ATTiny2313

597. Dot Matrix Arduino Clock using ATmega168

598. Tetrapuzz – Tetris clone for AVR using ATmega168

599. HappyJTAG2 – JTAG AND SPI AVR8 interface using ATmega32

600. The Game of Life using ATTiny2313 microcontroller

601. How-To: Super simple serial terminal using ATMEGA128

602. The Prototino™ using ATmega168 microcontroller

603. Sensor Interfacing using ATmega8 microcontroller

604. Cheap and Simple Learning Board using AT89S51

605. Printed circuit board ‘Multiuse tiny1’ using ATmega8

606. The Tuxgraphics AVR NTP clock using ATmega168

607. Evertool using ATmega16 microcontroller

608. A Portable Battery-Powered Roguelike Video Game using ATmega32

609. Atmel AVR-firmware based universal USB-Interface using ATTiny2313

610. AVR DDS signal generator V2.0 using ATmega16

611. etherrape using ATmega644 microcontroller

612. Stealth USB CapsLocker using Tiny45 microcontroller

613. Video Overlay using ATmega8 microcontroller

614. The WhereAVR using ATmega8 microcontroller

615. HVProg using ATmega8535 microcontroller

616. AvrUsb500 — an open source Atmel AVR Programmer using ATmega8

617. USB controlled DDS signal generator with ATmega88

618. USB AVR in-system Programmer using ATTiny2313

619. Flickr images on a Nokia LCD using ATmega48

620. Atmel AVR Infrared Downloader using ATmega8

621. Testing Device for DiSEqC-Switches using ATTiny13-20PI

622. Mathematical Manipulation of Pure Sine Wave Inverter Using Atmel 89S2051

623. AT89C4051 to work as a Real time clock

624. xTimer with 4094 using ATMEL89C2051 microcontroller

625. AT89C4051 to work as a Real time Digital clock

626. Night Light Saver V6 using AT89C2051

627. xTimer V1.0 using AT89C4051 microcontroller

628. AT89C2051 PROTO BOARD

629. Easy-Downloader V1.1 with SDCC using AT89C2051

630. Easy-DownloaderV1.1 for ATMEL89C2051

631. MakeYour Own Single-Side PCB for Easy-Downloader V1.1 using AT89C2051

632. Experimenting the 2051 withC Programming using 89C2051

633. Night Light Saver V5.0 using AT89C2051

634. Clock ControllerV1.1 using AT89C2051

635. DigiThermo 0-100.0 °C using AT89C4051

636. Solar Power / Panel Inverter – Grid-Intertie Inverter using Attiny45

637. Watch controlled robot using AVR microcontroller

638. Algorithmic 8-bit workshop using ATmega328

639. An electronic dice using ATmega8

640. USB Sensors with ATtiny Microcontrollers

641. DIY Polygraph Mask using ATmega32

642. Homemade VGA Adapter using ATmega644

643. Honey I Shrunk The Arduino using ATmega328p

644. Arduino – Modifying a Robot Arm using ATmega328

645. Virtual Archery using ATmega1284P

646. RSS Reader using ATmega8 microcontroller

647. 4-key keyboard using ATtiny85

648. Enhancing An FM Transmitter’s Firmware using ATmega48

649. HexiLogger, an Arduino based data logger using ATmega328

650. How to drive 595 shift registers with ATmega168

651. Head-Controlled Keyboard And Mouse using ATmega32

652. Leonardo Arduino clone a single-sided PCB using ATmega32U4

653. Automated Juice Mixer

654. Temperature and Pressure Control using the AT90S8535

655. Sine Wave Synthesizer

656. RC Car Controller Using Atmel 4414 chip

657. Blackjack

658. A m -Controller Based Thermostat Using Atmel AT90S8535 microcontroller

659. Programming the Game Simon

660. Hangman!

661. Eye Snake

662. Clifford Systems J11000 Car Alarm System

663. EE476 Final Project Real-time Debugger By Emre Tezel & Cagdas Ozgenc

664. Automatic Etch-A-Sketch Controller

665. CU Organizer

666. Whack-A-Cap: miniature representation of a popular amusement game

667. Design of a REE476 Final Project: eal-Time Digital Guitar Tuner

668. Autonomous Vehicle

669. EE 476 Final Project Portable MP3 Player

670. EE476 – Final Project Hummer RC Truck

671. Security Entrance System

672. Analog Modem Design Project

673. Larry Pellach and Brian Silverstein

674. The Zip Drive

675. Final Project EKG Monitoring System

676. gEECSHIP

677. Fertilizer Feed Rate Controller

678. Fish: Video Controller

679. Laser Tag

680. Spring 2002 Gmouse Using Atmel ATMEGA163

681. The Rotating Globe Using Atmel Mega163

682. Digital Music Synthesizer Using Atmel 90s8515 chip

683. MP3 Player Using Atmel Mega103L

684. Safety-sensor vehicle using Mega163

685. Autonomous Car

686. Hard Drive Based AVR Programmer Using Mega163

687. Tic-Tac-Toe on TV Using Atmel Mega163

688. PC-CONTROLLED SCANNING TUNNELING MICROSCOPE Using ATMega163

689. Multi-Zone Fire Alarm System Using Mega32 Microprocessor

690. Sheet Music Generator using Mega32 Microcontroller

691. IntelliBOT Using Mega 32

692. Laser Light Show Using Atmega32

693. Gray-scale Graphics: Dueling Ships

694. Cornell Hockey Using Atmel Mega32

695. Tetris Video Game  
696. Vehicle Performance Meter Using Atmel Mega32  
697. TV Minesweeper Using Atmel MEGA 32  
698. BattleShip Game using Atmel Mega32  
699. Sound Effects Processor Using Mega32  
700. Radio Control Car using Mega32  
701. MIDI synthesizer Using Atmega32  
702. Frogger Video Game Using Atmel Mega32  
703. Space Fighter Video Game Using ATMega32  
704. SpaceInvaders Video Game Using Mega32  
705. PacMan Video Game Using Atmel AT90S8515 microcontroller  
706. TREASURE HUNT OF THE HIGH SEAS ATMEL MEGA32  
707. Memory Video Game Using Atmel Mega32  
708. Digital Mirror Message Machine  
709. TouchPad Drawing Board Using ATMega32  
710. Gauntlet of uComputation using Atmel Mega32  
711. Frequency Division Multiplexing for a Multi-Sensor Wireless Telemetry System Using Atmel MEGA32L  
712. Voting Machine Using Atmel Mega32  
713. Digital Guitar Tuner  
714. Digital voice recorder using Atmel Mega32 microcontroller  
715. Digger video game using Atmel Mega32  
716. Dual control RC car using Atmel Mega32  
717. A Portable Battery-Powered Roguelike Video Game Using Atmel MEGA32  
718. MOS 6502 Emulation on an Atmel Mega32  
719. PC temperature control using Atmel Mega32  
720. RoboDog using ATMega32  
721. Variable Traffic Controller  
722. Vocal Trainer Using Atmel Mega32  
723. Inverted Pendulum Balancer Using Atmel Mega32  
724. MIDI DRUM CONTROLLER USING MEGA 32 MICROCONTROLLER  
725. Connect Four with Programmable Infrared Receiver Atmel Mega32  
726. Super Breakout using Atmel Mega32  
727. BlindBot using Atmel Mega32 MCU  
728. Missile Command video game using Atmega32  
729. Blood Pressure Monitor Using Mega32  
730. Portable Security System Using ATMega 32  
731. Wireless Telemetry using Atmel Mega32  
732. A Motion Capture System Using Accelerometers using AVR Mega32  
733. A Microcontroller Based Turbidity Meter using AtmelMega32  
734. Stepper Motor Indexer & Decoder ECE 476 Using ATmega32  
735. Wireless Electromyograph using ATmega32  
736. Neural net robot using ATMega32  
737. AirMouse using ATMega32  
738. WeatherDog Using ATMega32  
739. Color Tetris video game using ATMega32  
740. The Big Red Juicer using Atmel Mega32  
741. The Contender video game using Atmel Mega32  
742. Duckhunt video game using Atmel Mega32  
743. ECE 476 Spring 2005 by Arthur Zhang (ayz2) and Yewen Ying (ydy2) using atmega32  
744. Keyboard mania using Atmega32  
745. kaOS operating system and loader using atmega32  
746. Tap the Dance using Atmel Mega163  
747. Guitar Special Effects Using Atmega32  
748. Reversi Video Game Using ATmega32  
749. Arkanoid Video Game using Atmega32  
750. INFRARED TRACKING SYSTEM USING ATMEGA32  
751. Stationary Helicopter Using Atmel Mega32  
752. 3D gForce Mouse Using Mega32  
753. MISSILE COMMAND USING ATMEL MEGA 32  
754. The Big Red Guide Using Atmel AVR Mega32  
755. Star Duel video game Using Mega32  
756. Wonderswan Development Cartridge Using Atmel Mega32  
757. Scorched Earth video game using Atmel Mega32  
758. Xylophone Using Mega32

759. Eye in the Sky Security System Using Atmel Mega32  
760. TV/Keypad Interface for Winamp Using Atmel MEGA32  
761. The Breath-o-Matic Using Atmega32  
762. A Wand Based Barcode Scanner Using Atmel MEGA32  
763. Home Security System Using Atmel Mega32  
764. Keypaw Using Atmel Mega32  
765. SmartBlinds Using Mega32  
766. The Ultimate MP3 Radio Using ATMega32  
767. Beverage Monitor Using Mega32  
768. Music Synthesizer with Interactive TV Display Using MEGA32  
769. Handheld Ultrasonic Rangefinder Using Atmel Mega32  
770. Pong2 Using Atmel Mega32  
771. Electr-O-Sketch Using Atmega 32  
772. MiniGolf video game with putter Using Atmel Mega32  
773. Digital Compass Using Mega 32  
774. Nova Strike video game Using Atmega32  
775. TRISHUL -Autonomous navigating robot Using Atmel Mega32  
776. Paint Program with Mouse Control Using Atmel Mega32  
777. Non-orthogonal Plotter Using Atmega32  
778. Digital Stethoscope Using Atmega32  
779. Flat Bed Scanner Using Microcontroller  
780. Programmable remote control Using Atmega32  
781. Handwriting Recognition System Using Atmel Mega32  
782. GoConn Bicycle Computer Using Atmega 32  
783. Radial Chalker Using Atmel Atmega32  
784. Sign language coach Using Atmega32L  
785. The Grillzilla Using ATMega32  
786. Capacitance sensor MIDI keyboard Using Atmel mega32  
787. SecureLED: Better Access Control Using ATMega32  
788. VOICE RECOGNITION SECURITY SYSTEM USING ATEGA32  
789. RFID Security System Using Atmel Mega32  
790. Galvanic skin response meter using Atmel mega32  
791. Ultrasonic spotlight tracker using Atmel mega32  
792. Intelligent Multimedia System Atmel mega32  
793. Lighting control system Using ATMEL Mega32  
794. Self-powered solar data logger Using Atmel Mega32  
795. Guitar Synthesizer and Game Using Atmega32  
796. Dual Control R/C Car Using Atmega32  
797. Machine de Karaoke Using Atmega32  
798. Two-TV video air Hockey Using Atmega32  
799. Musical Water Fountain Using Atmega32  
800. High-Resolution Color TV Using Two Microcontrollers Atmega128, AtMega32  
801. High-Resolution Color Television Using Atmel Mega32  
802. MCU/FPGA color video Game Platform Using Atmel Mega32  
803. Cooler-Bot Using Atmel Mega 16L  
804. Robotic Vacuum Cleaner Using Atmel Mega32  
805. SearchBot Using Atmel Mega32  
806. CUsat diagnostic board using Atmel mega32  
807. CUAUV Voltage Sniffer Using Atmel Mega32  
808. HDD analog clock with LCD touchscreen Using Atmel Mega32  
809. AppleII emulator Using Atmel Mega32  
810. Touch Screen Controlled R/C Car Using Atmel Mega32  
811. Sound Source Triangulation Game Using Atmega32  
812. Speech Recognition Jukebox Using Atmega32  
813. Graphing calculator Using Atmel Mega32  
814. Firefly synchronization Using Atmega32  
815. CalcParser Using Atmel Mega32  
816. CCD imager Using Atmel Mega32  
817. Programmable medication scheduler using atmel mega32  
818. Automatic pet feeder Using Atmel Mega32  
819. Retractable Alarm Clock (RAC) Using Atmel Mega32  
820. Ultrasonic ParKontroller Using Atmel Mega32  
821. Braille reader using Atmel mega32  
822. USB Magnetic Mouse/Touchpad Using Atmega32

823. iPod controller Using Atmel Mega32  
824. uControl DVD macro-controller Using Atmega32  
825. Complex impedance analyzer Using Atmega32  
826. Morse code interpreter, with speech synthesis Using Atmega32  
827. UDP/Ethernet Controlled Temperature Regulator Using Atmega32  
828. AirJam: wearable air guitar Using Atmega2  
829. MCU MIDI synthesizer using Atmega32  
830. Evolving neural robot Using Atmega32  
831. Model retina: color tracker Using Atmega32  
832. PeanutBot, The Audio Homing Robot Using Atmega32  
833. Line-following car Using atmega32  
834. Music-controlled Puppet Using Atmega32  
835. Movement to Music: A Wearable Wireless Motion Sensor system Using Atmega32  
836. Laser Pong Using Atmega32  
837. TouchPad video game Using Atmega32  
838. A portable, color, tilt-controlled video game system Using Atmega32  
839. Wiimote Crane Using Atmega32  
840. Snake Arm Glove Project Using Atmega32  
841. LaserSimon – An Innovative Take On An Exciting Game Using Atmega32  
842. Battle Tank – A 3d Atmega32 Based Video Game  
843. Mini-Golf Simulator Using Atmega32  
844. SCHEME INTERPRETER USING ATMEGA32  
845. Guitar Tuner Using Atmega32  
846. Rocket Inertial Navigation System using Atmega32  
847. Ghost Writing Robot Using Atmega32  
848. Shark Tag Microcontroller Platform Using Atmega32  
849. Teaching an old clock Using Atmega32  
850. Music Wand: Real-Time Optical Scanning of Sheet Music Using Atmega32  
851. TriWheeler robot Using Atmega32  
852. Electronic Impact Vest Using Atmega32  
853. Help Quit Smoking Watch Using Atmega32  
854. ROBOT ARM Using Atmega32  
855. Accelerometer Controlled R/C Vehicle Using Atmega32  
856. Neural Net Helicopter Using Atmega32  
857. Adaptive 60 Hz Noise Cancellation Using Atmega32  
858. Automotive On-Board Diagnostics Reader Using Atmega32  
859. Data Acquisition System With Controller Area Network and SD Card Using Atmega32  
860. Gesture-driven Tetris Using Atmega32  
861. Multi-Player Light Cycle on Color TV Using Atmega32  
862. 3D Video Game Control Using Atmega32  
863. 3D Maze in a Box video game Using Atmega32  
864. High Speed Photography Controller Using Atmega32  
865. BordFree Using Atmega32  
866. 5x5x5 LED Cube – Orientation Independent 3D Display Using Atmega32  
867. Virtual Keyboard Using Atmega32  
868. Networked Biometric Authentication Using Atmega32  
869. Dueling Banjos Using Atmega32  
870. Air Drums Using Atmega32  
871. Trumpet MIDI Controller Using Atmega32  
872. Rhythm Ring: Interactive Rhythm Sequencer Using Atmega32  
873. PowerBox: The Safe AC Power Meter Using Atmega32  
874. Robot Plotter Using Atmega32  
875. Tic Tac Toe with CMOS Camera Using Atmega32  
876. Programmable Synthesized Guitar Using Atmega644  
877. Musical Blocks Using Atmel ATmega 644  
878. Wii Conductor Using Atmega32  
879. Heliostat Skylight Using Atmega644  
880. Multisensor Data Transmission Using Atmega32  
881. Voice Tuner and its Effects Using Atmega644  
882. Laser Audio Transmitter Using Atmega32  
883. NES EMULATION USING ATMEGA32  
884. ESD Foam Touch Controlled Brick Blaster Using Atmega32  
885. Blackout game Using Atmega32  
886. Alarm clock with speech synthesis Using Atmega32

887. Programmable RGB Spinning LED Display Using Atmega32

888. Wireless Persistence of Vision Device with Realtime Control Using Atmega644

889. Electric Etch Using Atmega644

890. Multiple PID motor controller (with Wiimote!) using Atmega644

891. BalanceBot Using Atmega644

892. The Autonomous Tennis Ball Picker Using Atmega644

893. Autonomous Self-parking car Using Atmega644

894. Weather Canvas Using Atmega644

895. Self-Adjusting Window Shade Using Atmega644

896. GPS Data Logger with Wireless Trigger Using Atmega644

897. Tissue Impedance Digital Biopsy Using Atmega644

898. Dual-Channel Mobile Surface Electromyograph Using Atmega644

899. Fart Intensity Detector Using Atmega644

900. ACL Research: Foot Acceleration Sensor Atmega324p

901. Traction control system Using Atmega644

902. ODB-II Automotive data interface using Atmega644

903. Digital Receipts System Using Atmega644

904. IR harp using Atmega644

905. Der Kapellmeister Using Atmega644

906. Touchpad/Infrared Music Synthesizer Using Atmega644

907. LED Sensor Piano Keyboard Using atmega644

908. Gesture Recognition Based on Scratch Inputs Using Atmega644

909. 3D scanner Using Atmega644

910. 3D ultrasonic mouse Using Atmega644

911. Haptic appointment manager Using Atmega644

912. Ultrasonic Haptic Vision System using Atmega644

913. ATmega644 JTAG Debugger

914. Haptic Exercise Coach Using Atmega644

915. Guitar Blocks Using Atmega644

916. Optical eye tracking Using Atmega644

917. Digital Oscilloscope Using Atmega644

918. Self-Adaptive Hybrid Electro-Magnetic Levitation and Active Balancing System Using Atmega644

919. Home energy management Using Atmega644a

920. Accelerometer Based Hand Action Recognition using Atmega644

921. Mister Gloves – A Wireless USB Gesture Input System Using Atmega644

922. Point of Sale Terminal Using Atmega644

923. Low-Cost Portable Potentiostat for Biosensing Applications Using Atmega644

924. Zigbee Wireless Relay Control and Power Monitoring System Using Atmega644

925. Adaptive Alarm Clock Using Atmega644

926. Acoustic Data Modem Using Atmega644

927. Flexicopter Using Atmega644

928. Gesture Based Touchpad Security System Using Atmega644

929. Heart Rate Display LED T-Shirt Using Atmega644

930. Talking voltmeter Using Atmega644

931. CMOS Camera Rock Paper Scissors Game System Using Atmega644

932. Automated Pavlovian Classical Conditioning of Insects Using Atmega644

933. Automated Rock Band player Using Atmega644

934. USB wireless tilt mouse Using Atmega644

935. Auditory navigator Using Atmega644

936. Human Tetris — Video object tracking Using Atmega644

937. Hand controller for Parrot AR Drone Quadricopter Using Atmega644

938. 3D Paint Using Atmega644

939. XBee RF Smart Energy Compliant Power Meter Using Atmega644

940. Heat Control System Using Atmega644

941. Motion Sensing PowerPoint Controller Using Atmega644

942. Automated grapefruit segmenter Using Atmega644

943. ToneMatrix Touch Sequencer Using Atmega644

944. Sheet Music Notator Using Atmega644

945. Invisible band Using atmega644

946. Human Tracking Fan System Using Atmega644

947. Embedded Foot Pronation Detection Using Atmega644

948. Compact Guitar Pedalboard Using Atmega644

949. Ultrasonic Spheroid Levitation Device Using Atmega16

950. A Keyboard Synthesizer Workstation using Atmega644

951. Sonar SensCap Using Atmega644  
952. TI Calculator Wireless Chat Using Atmega644  
953. Ear Trainer Using Atmega644  
954. Rock-Paper-Scissors Sensor Gloves Using atmega644  
955. LED-Following K'NEX Car Using atmega644  
956. Step Sequencer Drum Machine Using Atmega644  
957. Autonomous visually steered car Using Atmega644  
958. A Portable, Automated, web-based Bird Trapping Mechanism Using Atmega644  
959. Wireless, web-based, cardiac monitor Using Atmega644  
960. Ahhhh...BIU! video game Using Atmega1284  
961. Voice decoder for vowels Using Atmega644  
962. FaceAccess — A Portable Face Recognition System Using Atmega644  
963. DJ Multitouch — A FTIR Touchscreen Device Using Atmega644  
964. Rock Band Vocal Bot Using Atmega644  
965. A Wireless Programmable Pace Clock Using Atmega644  
966. Self-Reliant Power and Data Management System Using Atmega644  
967. Autonomous Board Erasing Robot Using Atmega644  
968. GPS Tracking Device for Cornell Engineering Quad Using Atmega644  
969. Touch screen video chess Using Atmega644  
970. Smart Trash system Using Atmega644  
971. Ultrasonic Security System Using Atmega644  
972. Quadcopter Using Atmega644  
973. A Budget Pachinko Machine Using Atmega644  
974. Seven day alarm Using Atmega644  
975. Homemade VGA Adapter Using Atmega644  
976. Remote Controlled DMM With Minimum Mass Wireless Coupler Using Atmega644  
977. BrainMap: fNIR imaging of the brain Using Atmega644  
978. SousVide immersion cooker using Atmega644  
979. Cooking Assistant for Automatic Temperature Control Using Atmega644  
980. Heliowatcher solar tracker Using Atmega644  
981. Digital Stethoscope Using Atmega644  
982. Evolutionary Altitude Control for a Helicopter Using Atmega644  
983. Sign language translator Using Atmega644  
984. Persistent of Vision Display Using Atmega644  
985. Battle video game Using Atmega644  
986. Touchpad Figure Recognition Using Atmega644  
987. MicroKart 644 Using Atmega644  
988. Auto-composing keyboard Using Atmega644  
989. Virtual Saxophone Using Atmega644  
990. Digital Saxophone Using Atmega644  
991. Brain-Computer Interface Using Atmega644  
992. OBD-II Autocross/Track Data Logger for BMW E36 M3 Using Atmega644  
993. Radio Station Tracker Using Atmega644  
994. RoboSLR Using Atmega644  
995. Solar Powered Pulse Oximeter and Heart Rate Meter Using Atmega644  
996. Wireless, voice-controllable, household system Using Atmega644  
997. Ultrasound Gesture Detection Using Atmega644  
998. Virtuoso: A Touchscreen Music App Using Atmega644  
999. Persistence of Vision Clock Using Atmega644  
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