Project List

Microcontroller PIC Projects are categorized on the basis of microcontroller applications. Microchip pic microcontrollers belongs to modern family of MCUs and is being used widely in our daily life seem-less manners, e.g. in our multimedia devices, tele-phones, microwave ovens, medical and health based equipments e.g. blood-pressure meter, UPS, Power supplies, burglar alarms & detectors and other security and safety equipment, etc. There are hundreds of projects in this site. Click here to see category based projects.

Want to get Offline Projects List in PDF format: Click here you can find compiled pic projects lists in PDF format for offline view.

1. Pic 16F676 ICSP programing socket for the PICkit 2 programer Posted in: Microcontroller Programmer Projects, Projects
2. 48 Channel Mono / 16 Channel RGB LED Controller using PIC18F2550 microcontroller Posted in: Interfacing(USB – RS232 – I2c – ISP) Projects, LED Projects, Projects
5. DC motor control with Joystick and PIC16F877A Posted in: Motor Projects, Projects
8. Control a Hobby Servo using PIC18F2455 microcontroller Posted in: Other Projects, Projects
9. **DTMF Touch Tone Decoder Using Microchip PIC Microprocessor using PIC12F683**

10. **PIC development/testing board using PIC16F877 microcontroller**
    Posted in: Development Board – Kits Projects, Projects

11. **3x3x3 LED cube using PIC16F690 microcontroller**
    Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects

12. **MATLAB to PIC serial interface using PIC16F877 microcontroller**

13. **8x8 LED matrix using PIC16F690 microcontroller**
    Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects

14. **PIC18F Based 6 Channel DMX Transmitter**
    Posted in: Projects, Radio Projects

15. **All pic programmer using 16F87X microcontroller**
    Posted in: Microcontroller Programmer Projects, Projects

16. **ECG on your laptop using PIC16F876 microcontroller**
    Posted in: Medical – Health based Projects, Projects

17. **Remote controlled led dice using PIC12F629 microcontroller**

18. **Augmenting a Microcontroller using PIC16F886**
    Posted in: Other Projects, Projects

19. **Quick Key Adapter, 10 Button HID Keyboard using PIC18F14K50**
    Posted in: Other Projects, Projects

20. **PWM Fan Controller using PIC12F675 microcontroller**
    Posted in: Projects, PWM Projects

21. **Frequency Detector using PIC 12F683 Processor**
    Posted in: Projects, Sensor – Transducer – Detector Projects

22. **Twitter Watcher, the #twatch using PIC18F4760 microcontroller**
    Posted in: LCD Projects, Projects

23. **Parallel Port 3 Axis CNC Driver, Opto-Isolated, Unipolar Steppers using PIC16F876A microcontroller**
    Posted in: Motor Projects

24. **LED Binary Clock using PIC16F628A microcontroller**
    Posted in: Clock – Timer Projects, LED Projects, Projects

25. **I2C keypad using PIC18F4450 microcontroller**

26. **Power Pic RGB with voltage control using PIC12F675**
    Posted in: Other Projects, Projects

27. **7-Segment ASCII character Set A 127-character ASCII table for 7-segment LED or LCD displays using PIC16C84**
    Posted in: LCD Projects, LED Projects, Projects

28. **Candle Simulator using PIC12F675 microcontroller**
    Posted in: Game – Entertainment Projects, Home Automation Projects, Projects

29. **How to getting started with microcontrollers projects using PIC12F629 microcontroller**
    Posted in: Microcontroller Programmer Projects

30. **PicPOV – Persistence of Vision with a PIC18F1220**
    Posted in: LED Projects, Projects

31. **A simple display that uses the POV to display messages in the air using PIC12F629 microcontroller**
    Posted in: Other Projects

32. **A 12hr/24hr LED Clock with display control using PIC16F628A microcontroller**
    Posted in: Clock – Timer Projects, LED Projects, Projects

33. **PIC sound player (PCM to PWM converter) using PIC18F1320**
    Posted in: Projects, Sound – Audio Projects
34. Classic LED 7-Segment Displays using PIC16F887 Posted in: LED Projects, Projects
35. NOPPP, the "No-Parts" PIC Programmer using PIC16F83 Posted in: Microcontroller Programmer Projects, Projects
38. Countdown Timer using PIC16F84 microcontroller Posted in: Clock – Timer Projects, Projects
39. GT3 USB PIC PROGRAMMER (Open Source) using PIC18F252 Posted in: Microcontroller Programmer Projects, Projects
40. Brushed Motor ESC using PIC12F675 microcontroller Posted in: Motor Projects, Projects
41. DDS/PLL based VFO synthesizer using PIC16F876 Posted in: Other Projects, Projects
42. Direct Digital Synthesis (DDS) using PIC16F84 microcontroller Posted in: Other Projects, Projects
43. Designing a PID Motor Controller using PIC16F876 Posted in: Motor Projects, Projects
46. Caller Line Identification (CLI) using PIC16F628A Posted in: Phone Projects, Projects
47. DC motor speed control using PWM using PIC16F876 Posted in: Motor Projects, Projects, PWM Projects
50. LCD Oscilloscope for Spectrum Analyzers using PIC16F876A Posted in: LCD Projects, Projects
52. My GPS LCD Display Project using PIC16F84 Posted in: GPS Based Projects, LCD Projects, Projects
53. Ir Light Dimmer v.1 adjusting lights with remote controller using PIC12F629 Posted in: Home Automation Projects, Projects
54. IK3OIL 16F84 PIC Frequency Counter Files Posted in: Clock – Timer Projects, Projects
55. Darkroom Timer using PIC16F84 microcontroller Posted in: Clock – Timer Projects, Projects
58. 2.5 GHz Frequency counter using PIC16F870 Posted in: Clock – Timer Projects, Projects
59. Intelligent NiCd/NiMH Battery Charger using PIC16C711 Posted in: Battery Projects, Projects
60. **Make your own USB LCD controller using PIC18F2550**
   Projects, LCD Projects, Projects

61. **Stepper Motor Controller using pic16f628a**
   Posted in: Motor Projects

62. **PIC Based Speed Controller using PIC16C54**
   Posted in: Game – Entertainment Projects, Interfacing(USB – RS232 – I2c -ISP)
   Projects, Other Projects

63. **pic18f458 Microcontroller based Solar Recorder**
   Posted in: Sensor – Transducer – Detector Projects

64. **pic12f683 Microcontroller based Programmable LED**
   Posted in: LED Projects

65. **PIC16F84A Temperature Controller**
   Posted in: Projects, Temperature Measurement Projects

66. **Digital Voltmeter (DVM) using PIC16F688**
   Posted in: Metering – Instrument Projects, Projects

67. **0-9999 seconds count down timer using PIC12F683 microcontroller**
   Posted in: Clock – Timer Projects, Projects

68. **Making a digital capacitance meter using PIC16F628A**
   Posted in: Metering – Instrument Projects, Projects

69. **A brief overview of Allegro ACS712 current sensor using PIC16F1847 (Part 2)**
   Posted in: Projects, Sensor – Transducer – Detector Projects

70. **Measurement of temperature and relative humidity using DHT11 sensor and PIC microcontroller using PIC16F628A**

71. **How to make a contact-less digital tachometer using IR-light reflection technique using PIC18F2550**
    Posted in: CNC Machines
    Projects, Metering – Instrument Projects, Projects

72. **LED Chaser for PIC16F84A and PIC16F628A**
    Posted in: LED Projects, Projects

73. **PWM DC Motor Controller for PIC12F683**
    Posted in: Motor Projects, Projects, PWM Projects

74. **Radio Button Switch Control using PIC16F629**
    Posted in: Projects, Radio Projects

75. **A Beginner’s data logger project using PIC12F683 microcontroller**
    Posted in: Memory – Storage Projects, Projects, Temperature Measurement Projects

76. **Build A Digital Tachometer/RPM Counter using PIC18F452**
    Posted in: How To – DIY – Projects, Metering – Instrument Projects, Projects

77. **Heart rate measurement from fingertip using PIC16F628A**
    Posted in: Medical – Health based Projects, Projects

78. **PIC12F675 microcontroller as Flip Flop**
    Posted in: Other Projects, Projects

79. **IR Remote Control Repeater using PIC12F629**
    Posted in: Internet – Ethernet – LAN Projects, Projects

80. **Internal Oscillator Recalibration Utility for PIC12F629**
    Posted in: Clock – Timer Projects, Projects

81. **Digital alarm clock using PIC16F877 microcontroller**
    Posted in: Clock – Timer Projects, Home Automation Projects, Projects

82. **Programmable digital timer switch using a PIC16F628A**
    Posted in: Clock – Timer Projects, Projects

83. **PIC-2 USB BURNER using PIC18F2550**

84. **WORLD’S SIMPLEST PROGRAM using PIC12F629**
    Posted in: Microcontroller Programmer Projects, Projects
85. HAPPY BIRTHDAY using PIC12F629 Microcontroller

86. Motion detection alarm using a PIR sensor module with a PIC12F635

87. Wifi robot vehicle controlled by PIC16F628A

88. 2 Digit up/down Counter using PIC16F628A

89. VGA display using PIC18F452 microcontroller

90. Experimenting with a thermistor using PIC16F1937

91. A Digital temperature meter using an LM35 temperature sensor using PIC16F688

92. Microcontroller based Diode and Bipolar Junction Transistor (BJT) tester using PIC16F688

93. Wireless MultiMeter using PIC18F452 Microcontroller

94. Digital Thermostat Using PIC16F688 microcontroller

95. Propeller Clock Mechanically Scanned LED Clock using PIC16C84

96. Line following robot using PIC16F84

97. Electronic combination lock based on PIC16F84

98. Make your own PIC Programmer using PIC16F84

99. Rs 232 Relay Control Board using PIC16F84A

100. Microchip pic16f877 to FTDI USB interface

101. Gear Clock using PIC16F676 Microcontroller

102. Digital Oscilloscope using PIC16F688

103. Build a digital clock with its digits levitating in the air using PIC16F84

104. LC meter using PIC16F628A Microcontroller

105. Home Automation and Safety via GSM Remote

106. SMS Box project using PIC16F877A Microcontroller

107. Tiny GSM alarm system using PIC16F84A

108. Function Generator using PIC16F870 microcontroller

109. OBD-II ELM327 compatible AllPro adapter using PIC18F2455

110. Pickit 2 Download & Develop Your own USB pickit ii programmer
111. How to interface Stepper Motor with PIC18F4550 Microcontroller  

112. RGB LED PWM Driver Standalone PWM controller for RGB LEDs using PIC12F629  
   Posted in: LED Projects, Projects, PWM Projects

113. RGB LED Strip Controller high-side LED drive for PIC12F629  
   Posted in: LED Projects, Projects

114. 4 Channel DMX512 Driver for PIC16F1823  
   Posted in: Development Board – Kits Projects, Projects

115. 4-digit Up/Down counter with preset, reset, hold and overflow output using PIC16F88  
   Posted in: Clock – Timer Projects, Projects

116. Binarybdec to 7-segment decoder for PIC16F627A  
   Posted in: LED Projects, Projects

117. 8 Channel PWM LED Chaser for PIC16F628A  
   Posted in: LED Projects, Projects, PWM Projects

118. 8 Channel PWM Power MOSFET LED Chaser for PIC16F628A  
   Posted in: LED Projects, Projects, PWM Projects

119. 8 Channel PWM LED Chaser for PIC16F628A and PIC16F88  
   Posted in: LED Projects, Projects

120. UFO round LED Chaser Kit for PIC16F628A  
   Posted in: Development Board – Kits Projects, LED Projects, Projects

121. UFO round LED Chaser with speed control for PIC16F628A  
   Posted in: LED Projects, Projects

122. PIC Microcontroller timer Video Project  
   Posted in: Clock – Timer Projects, Projects

123. How to display text on 16×2 LCD using PIC18F4550  
   Posted in: LCD Projects, Projects

124. How to interface GSM Module with PIC18F4550 Microcontroller  

125. PIC16F877 based simple calculator project  
   Posted in: Calculator Projects, Projects

126. PIC16F877 up down counter code and Proteus simulation  
   Posted in: Clock – Timer Projects, Projects

127. PIC16F877 stop watch code and Proteus simulation  
   Posted in: Clock – Timer Projects, Projects

128. PIC16F877 ADC code and Proteus simulation  
   Posted in: Other Projects, Projects

129. Interfacing of PIC16F877 with DS1307 (RTC) code and Proteus simulation  

130. Interfacing of PIC16F877 with (I2c based) 24LC64 EEPROM (Code + Proteus simulation)  

131. PIC16F877 internal EEPROM code and Proteus simulation  
   Posted in: Memory – Storage Projects, Projects

132. How to interface keypad with PIC16F877  

133. PIC16F877 based digital clock using LCD display (Code+Proteus simulation)  
   Posted in: Clock – Timer Projects, Projects

134. PIC16F877 LCD interfacing code (In 4bit mode) and Proteus simulation  

135. PIC16F877 UART code and Proteus simulation  
   Posted in: Other Projects, Projects

136. PIC16F877 external interrupt code and Proteus simulation  
   Posted in: Other Projects, Projects
137. PIC16F877 PWM (2 channel) code and Proteus simulation Posted in: Projects, PWM Projects
139. PIC12F675 i2c (bit banging) code and Proteus simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
143. PIC16F84A based simple calculator (Code+Proteus simulation) Posted in: Calculator Projects, Projects
147. PIC16F84A PWM code and Proteus simulation Posted in: Projects, PWM Projects
148. PIC16F84A LED blinking code and Proteus simulation Posted in: Game – Entertainment Projects, LED Projects, Projects
150. PIC12F675 based simple calculator ( Code + Proteus simulation ) Posted in: Calculator Projects, Projects
151. PIC12F675 based digital clock using LCD display (Code + Proteus simulation) Posted in: Clock – Timer Projects, LCD Projects, Projects
152. PIC16F675 PWM Code and Proteus Simulation Posted in: Projects, PWM Projects
154. PIC12F675 LED blinking code and Proteus simulation Posted in: LED Projects, Projects
155. PIC18F452 PWM Code and Proteus Simulation Posted in: Projects, PWM Projects
156. PIC18F452 UART code and Proteus Simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
158. 50MHz 7 segment frequency counter using PIC16F877A Posted in: Metering – Instrument Projects, Projects
159. A Real Time Clock using PIC16F88 Microcontroller Posted in: Clock – Timer Projects, Projects
160. How to drive an led display matrix using PIC16F88 Posted in: How To – DIY – Projects, LED Projects, Projects
162. IR Proximity Motor Control using PIC18F4520 Posted in: Motor Projects, Projects
163. PICKit3 Programming With MPLABX Posted in: Microcontroller Programmer Projects, Projects
164. RGB LED Controller using PIC18F452 Posted in: LED Projects, Projects
166. 6 Digits LED 7-Segment Multiplexing using PIC16F627A Posted in: LED Projects, Projects
168. Making a Digital Clock using PIC16F628A Posted in: Clock – Timer Projects, Projects
169. PIC based UPS Schematic / Firmware / PCB Layout Posted in: Battery Projects, Blog, Projects, PWM Projects
173. Stepper Motor Controller using PIC16C84 Posted in: Motor Projects, Projects
174. PIC Countdown Timer using PIC16F84a Posted in: Clock – Timer Projects, Projects
175. Analog & Digital trropeller clock using PIC16C84 Posted in: Clock – Timer Projects, Projects
176. WIRELESS REMOTE CONTROL for Raymarine ST4000 Autopilot using PIC16F628 Posted in: Projects, Radio Projects
177. DATA LOGGER measures and stores voltage using PIC16F876 Posted in: Battery Projects, Metering – Instrument Projects, Projects
178. Automatic School Bell Posted in: Electronics News and Updates, Home Automation Projects
179. Servo Motor Control by using Microcontroller PIC16F877A Posted in: Motor Projects
180. Simple manual control of stepper motors without a PIC or PC Posted in: Motor Projects
181. Led matrix project using shift register and pic16f628a micro Posted in: LED Projects
182. LDR Based Line follower Robot Car using PIC Microcontroller Posted in: Robotics – Automation Projects
184. LED blinking using timer0 of pic16f877 microcontroller Posted in: LED Projects
186. Interfacing Dot Matrix led Display with PIC Microcontroller Posted in: LED Projects
188. Digital Voltmeter (0-50v) using PIC Microcontroller Posted in: Metering – Instrument Projects
192. Automatic street light control by pic microcontroller Posted in: Home Automation Projects
194. PIC microcontroller based fastest finger press quiz buzzer project Posted in: Sound – Audio Projects
195. Interfacing android with pic microcontroller via Bluetooth Posted in: Internet – Ethernet – LAN Projects
198. Servo motor control by Microcontroller PIC16F877 and MATLAB GUI Posted in: Motor Projects
201. Automated Railway Gate Controlled by PIC16F877A Posted in: Home Automation Projects
203. Scrolling Text on LCD by PIC Microcontroller Posted in: LCD Projects
204. Simple Project on LED blinking by PIC 16 Microcontroller using pic Microcontroller Posted in: LED Projects
208. Driving a piezo speaker with a PIC using pic-microcontroller. Posted in: Sound – Audio Projects
211. Line Follower Robot – Build it from scratch using pic microcontroller Posted in: Robotics – Automation Projects
212. USB data logger project using pic-microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
213. Remote-Control Light Dimmer using pic microcontroller Posted in: LED Projects
214. CNC Controller Motion Schematics (Rev. D) using pic microcontrollers Posted in: CNC Machines Projects
216. PIC Light Chaser Posted in: LED Projects
217. The IDE Project Posted in: LCD Projects
223. Circuit Digital Clock Using PIC16F628a Microcontroller Schematics Posted in: Clock – Timer Projects
225. 60MHz Frequency Meter / Counter using pic microcontroller Posted in: Metering – Instrument Projects
227. ESR Meter using pic microcontroller Posted in: Metering – Instrument Projects
228. USB IO Board PIC18F2455 / PIC18F2550 using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
230. How to drive a Dot Matrix LED Display, using pic microcontroller Posted in: How To – DIY – Projects, LED Projects
233. Disco Lights Project using pic microcontroller Posted in: LED Projects
234. Digital Alarm Clock Schematic using pic microcontroller Posted in: Clock – Timer Projects
235. Induction Heater with CKM005 Microcontroller Posted in: Metering – Instrument Projects
236. The Wooden Menace – a Mighty Robotic Arm Powered by Servos using pic microcontroller Posted in: Robotics – Automation Projects
237. Spectrum analyzer based PIC18F4550 Posted in: LCD Projects
238. Auto intensity control of street lights using pic microcontroller/ Posted in: Home Automation Projects
239. OPEN-DESIGN CHARGE REGULATOR PROJECT Posted in: power – energy projects
240. Computer-Controlled Light-Up Water Fountain Posted in: Robotics – Automation Projects
241. Usbpicprog – A free and open source USB Microchip PIC programmer (Software and Hardware) for Linux, Windows e MAC Posted in: Interfacing(USB – RS232 – I2c -ISP1 Projects
242. What is PIC Microcontroller Posted in: Compilers, News & Updates, Programmers, Projects, Tutorials
243. Audio spectrum analyzer on PIC32 using pic microcontroller Posted in: Sound – Audio Projects
245. Wooden LED clock using PIC16LF876A microcontroller Posted in: Clock – Timer Projects, LED Projects, Projects
246. Traffic Light Controller using pic microcontroller Posted in: LED Projects
247. JDM2 based PIC Programmer Posted in: Microcontroller Programmer Projects, Projects
249. Reverse Engineering to Emulate Ink Cartridges for a Epson Printer using PIC18F Posted in: Other Projects, Projects
250. An LED Dice using a PIC 16F84 (or 16F88) Posted in: LED Projects, Projects
254. Pic RGB color generator using PIC12F629 Posted in: Game – Entertainment Projects, Projects
255. Read analog values without an ADC using PIC12F675 microcontroller Posted in: Projects, Sensor – Transducer – Detector Projects
256. An Easy to build & multifunctional counter with 7-Segment Led Display using PIC16F628 microcontroller Posted in: Other Projects, Projects
257. PIC16F628 4 RGB LED PWM Controller Posted in: LED Projects, Projects, PWM Projects
260. 1Hz Clock Generator using PIC12F675 Posted in: Clock – Timer Projects, Projects
261. Ir On-Off using PIC12F629 microcontroller Posted in: Other Projects, Projects
262. A DCF77 Clock with RS232 Interface using PIC16F84 Posted in: Clock – Timer Projects, Projects
263. PIC 16F84 Serial ProgrammerPosted in: Microcontroller Programmer Projects, Projects
264. The IR Widget Using pic12f629 Posted in: RTOS – OS Projects
265. Blink a LED with Assembly Language & a PIC Posted in: LED Projects
266. DIY remote control based on PIC16F628 Posted in: Home Automation Projects, How To – DIY – Projects, Projects
268. Serial LCD Module using PIC16F88 Posted in: LCD Projects, Projects
269. Revised version of the PIC12F microcontrollers breakout board Posted in: chipKIT Projects, Development Board – Kits Projects, Projects
270. Interface a HD44780 Character LCD with a PIC Microcontroller Posted in: LCD Projects
272. **PIC Harmonic Distortion Meter** Posted in: Memory – Storage Projects
273. **Automatic Charger Sharing for Motorcycle Battery Charger using PIC16F628A** Posted in: Battery Projects, Car Projects, Projects
274. **Precision Delay Timer for PIC16F628A** Posted in: Clock – Timer Projects, Projects
275. **Seven Segment Multiplexing using PIC18F4550 Microcontroller** Posted in: Clock – Timer Projects, Projects
276. **Audio spectrum analyzer using PIC18F4550** Posted in: Projects, Sound – Audio Projects
277. **Lift Counter using PIC12F629 Microcontroller** Posted in: Clock – Timer Projects, Projects
278. **MUSIC BOX using PIC12F629 Microcontroller** Posted in: Game – Entertainment Projects, Projects
279. **SKY WRITER using PIC12F629 Microcontroller** Posted in: LED Projects, Projects
281. **Touch Switch using PIC12F629 Microcontroller** Posted in: How To – DIY – Projects, Projects
282. **Echo MP3 player using PIC18LF452** Posted in: How To – DIY – Projects, Projects, Sound – Audio Projects
284. **Dual programmable keypad code lock using PIC18F452** Posted in: Projects, Security – Safety Projects
286. **100KHz Square Wave generator using PIC16C84** Posted in: Other Projects, Projects
287. **Homemade Scope Clock DG7 tube and PIC16F876** Posted in: Clock – Timer Projects, Home Automation Projects, How To – DIY – Projects, Projects
288. **MICROCONTROLLER BASED INTERFACE UNIT FOR 5KW MICROWAVE OVEN** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
290. **Blink LED with XC8 compiler using external Oscillator** Posted in: LED Projects
291. **Harmonic Distortion Meter using PIC18F2550** Posted in: Metering – Instrument Projects, Projects
292. **Autonomous Foosball Table** Posted in: Robotics – Automation Projects
293. **Temperature controlled fan using PIC 16F877A** Posted in: Temperature Measurement Projects
294. **Night Light Saver V3.2 using PIC12C508** Posted in: Home Automation Projects, Projects
295. **Microcontroller measures heart rate through fingertip** Posted in: Medical – Health based Projects
297. **Design and Development of an Automated Home Control System Using Mobile Phone** Posted in: Home Automation Projects, Phone Projects
299. **AC power control with thyristor using pic microcontroller** Posted in: Other Projects
300. Sending SMS Text Message using PIC Microcontroller – Flowcode Posted in: GPS Based Projects
301. PC Based Digital Voltmeter Using PIC 16F877A Posted in: Metering – Instrument Projects
302. PIC 16F877 microcontroller based RPM Meter Posted in: Metering – Instrument Projects
303. Cell Phone Detector Posted in: Phone Projects
304. Nokia 3315 / 3310 LCD interfacing with Microcontroller Posted in: LCD Projects, Phone Projects
305. Digital DC watt meter project using pic microcontroller Posted in: Metering – Instrument Projects
306. Picaxe LED night light Posted in: LED Projects
307. Digital Thermometer and Clock Project (Version 1.0) Posted in: Clock – Timer Projects
308. Projects on Speed Checker To Detect Rash Driving On Highways Posted in: Metering – Instrument Projects
309. Generating PWM with PIC Microcontroller – MPLAB XC8 Posted in: PWM Projects
310. Alarm Clock Retrofit using PIC16F877 Posted in: Clock – Timer Projects, Projects
311. How To Use PIC Microcontroller For Voice Input And Output Posted in: PWM Projects
312. How to Generate Sound using PWM with PIC Microcontroller Posted in: Sound – Audio Projects
313. LCD Module Control over IR Link using PIC16F690 Posted in: LCD Projects, Projects
314. How to Implement SPI Using PIC18F4550 Posted in: How To – DIY – Projects
315. Introducing the Science of Microchip PIC14 Posted in: Other Projects, Projects
316. The Super-Simple pocket size mp3 player using PIC16LF877A Posted in: Projects, Sound – Audio Projects
320. PIC and EEPROM Programmer Posted in: Memory – Storage Projects, Microcontroller Programmer Projects, Projects
321. Digital Clock using PIC Microcontroller and DS1307 RTC Posted in: Clock – Timer Projects
325. Online Monitoring of Temperature of Conductors Using Zigbee and GSM Posted in: Temperature Measurement Projects
326. 3 LED Bike Light for PIC10F200 Posted in: Home Automation Projects, LED Projects, Projects
327. How to Glow an LED using PWM with PIC Microcontroller Posted in: LED Projects
328. Getting Started with MPLAB XC8 Compiler – LED Blinking Posted in: LED Projects
329. PIC18F252 Programming Posted in: Microcontroller Programmer Projects
330. **Displaying Images on Graphical LCD (JHD12864E) using Pic16F877 Microcontroller**
   Posted in: LCD Projects

331. **20 LED BADGE using PIC12F629 Microcontroller**
   Posted in: LED Projects, Projects

332. **A memory game using a PIC16F64 microcontroller**
   Posted in: Game – Entertainment Projects, Projects

333. **PIC16F877 LED blinking code and Proteus simulation**
   Posted in: Game – Entertainment Projects, LED Projects, Projects

334. **DC motor and Fan speed control using pic 16f877 Microcontroller**
   Posted in: Motor Projects

335. **15x7 Display using a PIC16F628 Microcontroller**
   Posted in: LED Projects, Projects

336. **How to display custom characters on LCD using PIC16F84A**
   Posted in: LCD Projects, Projects

337. **PIC16F84A LCD interfacing code (In 4bit mode) and Proteus simulation**

338. **PIC16c71 four channel digital voltmeter**
   Posted in: Metering – Instrument Projects

339. **How to implement free running counter in PIC16F84A using seven segment display**
   Posted in: LCD Projects, Projects

340. **How to interface keypad with PIC12F675**

341. **Two way Simple Very Small Telephone Exchange**
    Posted in: Phone Projects

342. **Voice controlled wheelchair**
    Posted in: Sound – Audio Projects

343. **Arduino to PIC Communication using PIC18LF4520**

344. **FTS-8 subtone encoder**
    Posted in: Home Automation Projects

345. **dsPIC30F2012 breadboard**
    Posted in: Development Board – Kits Projects, Projects

346. **Buck converter using pic microcontroller and IR2110**
    Posted in: Other Projects

347. **Making a binary clock using a PIC16F88**
    Posted in: Clock – Timer Projects, Projects

348. **A PIC16F819 DYMOCLK**
    Posted in: LED Projects

349. **Using an LCD's for Graphics Animation using PIC16C84**
    Posted in: LCD Projects, Projects

350. **USB and PIC Microprocessors 16C745 and 18F2455**

351. **How to interface Seven Segment Display with PIC18F4550 Microcontroller**
    Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

352. **Servo Motor Controller using PIC12F629**
    Posted in: Motor Projects, Projects

353. **Bicycle Persistence of Vision Light Display using PIC16F84**
    Posted in: Game – Entertainment Projects, Home Automation Projects, LED Projects, Projects

354. **Digital stopwatch using microcontroller**
    Posted in: Clock – Timer Projects

355. **Converting a Proxxon MF70 Milling Machine To CNC – 2 using PIC18F4620**
    Posted in: CNC Machines Projects, Projects

356. **Naked Clock using PIC16F877 Microcontroller**
    Posted in: Clock – Timer Projects, Projects

357. **NETWORK EQUIPMENT RESETTER using PIC16F628**
    Posted in: Internet – Ethernet – LAN Projects, Projects
358. Tampered Energy Meter Monitoring Conveyed to Control Room by GSM with User Programmable Number Features
   Posted in: Metering – Instrument Projects
359. Vehicle Theft Control System by Using GSM and GPS Systems
   Posted in: GPS Based Projects
360. Introducing Easy Pulse: A DIY photo plethysmographic sensor for measuring heart rate
361. Digital DC Power supply using PWM with PIC microcontroller
   Posted in: PWM Projects
362. Home Automation and Security System using Microcontroller ATMEGA8 with Arduino Programming
   Posted in: Home Automation Projects
363. PIC16CXXX real time clock electronic project
   Posted in: Clock – Timer Projects
364. Interfacing GPS Receiver with 8051 Microcontroller -AT89C52
   Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
365. DC Motor Interfacing With PIC Microcontroller Using L293 Motor Driver IC
   Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
366. PWM DC Motor Speed Controller Circuit Using PIC16F877A Microcontroller
   Posted in: Motor Projects
367. (Simple) Generating Pulse Width Modulation using PIC Microcontroller – MikroC & Proteus Simulation
   Posted in: PWM Projects
368. Serial Controlled RGB LED PWM Driver PIC12F629 based PWM controller for RGB LEDs
   Posted in: LED Projects, Projects, PWM Projects
369. How to Build your Own USB PIC Programmer?
   Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
370. Microchip PIC Serial Port Programmer
   Posted in: Microcontroller Programmer Projects
371. LM386 based stereo audio amplifier with digital volume control using PIC18F2550
   Posted in: Projects, Sound – Audio Projects
372. PIC 16F88 Microcontroller PIC based Tengu
   Posted in: LED Projects
373. Line following Robotic Vehicle using Microcontroller
   Posted in: Robotics – Automation Projects
374. Infrared IR Sensor Interface with PIC18F4550 Microcontroller
375. Digital Clock Using Microcontroller 89C52/89S52
   Posted in: Clock – Timer Projects
376. How to interface RFID with PIC18F4550 Microcontroller
   Posted in: How To – DIY – Projects, Projects, RFID – NFC Projects, Tutorials
377. Home Security System with GSM Using 8051 Microcontroller
378. Strobe Lights Project
   Posted in: LED Projects
379. HD44780 16×2 Char LCD Interfacing with microcontroller
   Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects
380. Interfacing 7-Segment Display With PIC Microcontroller – MikroC
   Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
381. Password Based Circuit Breaker using PIC Microcontroller with C code
   Posted in: Development Board – Kits Projects
382. Speed Control of DC Motor by using PWM ECE Project
   Posted in: Motor Projects
383. 1. Serial interfacing LCD with Pic Microcontroller
   Posted in: LCD Projects
MOTION SENSOR USING PIR SENSOR MODULE WITH PIC MICROCONTROLLER AND WITHOUT MICROCONTROLLER

Top PIC Microcontroller Projects with Embedded C Programming

Digital Ammeter circuit using pic microcontroller

USB Human Interface Device Communication with PIC Microcontroller – MikroC

Solar energy measurement using pic microcontroller

Pic Projects With Schematics And Source Code

PIC16F877 timer1 code and Proteus simulation

Big 7-segment Digital Clock

PIC16F877A LED blink

Rotary Encoder Interfacing with PIC Microcontroller

Wireless Home Appliance Controller Project

PicoDetector : a PIC-based simple and cheap metal detector

PIC16F877 i2c code and Proteus simulation

0-9999 seconds count down timer using PIC12F683 microcontroller

Mouse interfacing and communication using PIC16F877

Complete Circuit Board Lab & POV Business Card using PIC12F508 microcontroller

ttc microcontroller

PIC Microcontroller Based Electronic Lock

Ionization Smoke-Detector With Programmable Calibration

Up-Down counter on 16*2 LCD using 8051 microcontroller

Interfacing LCD with PIC Microcontroller – CCS

Mini project board for PIC12F series microcontrollers

Speed Synchronization of Multiple Motors In Industries using PIC Microcontroller

Fire Fighting Controlling Robots Used in Dangerous Situations

Alarm Phone Dialer with MT8880 and PIC 16F84A

Metal detector robot using pic microcontroller
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>439</td>
<td>PIC 3x3x3 LED cube</td>
<td>LED Projects</td>
</tr>
<tr>
<td>440</td>
<td>PIC 16F917 Gyroscope interface</td>
<td>Interfacing(USB – RS232 – I2c - ISP) Projects</td>
</tr>
<tr>
<td>441</td>
<td>Easy 16F84 Microcontroller Programmer – JDM</td>
<td>Microcontroller Programmer Projects</td>
</tr>
<tr>
<td>442</td>
<td>How to get started with PICAXE 08M microcontroller</td>
<td>Other Projects</td>
</tr>
<tr>
<td>443</td>
<td>LEDs sync to music (with pics of my awesome computer case mod)</td>
<td>LED Projects</td>
</tr>
<tr>
<td>444</td>
<td>PIC MicroController Volume Adjuster Program(Proteus 8 Stimulation)</td>
<td>Sound – Audio Projects</td>
</tr>
<tr>
<td>445</td>
<td>DIY Muscle Sensor / EMG Circuit for a Microcontroller</td>
<td>Game – Entertainment Projects, Robotics – Automation Projects</td>
</tr>
<tr>
<td>446</td>
<td>Development board for Attiny84 Microcontroller</td>
<td>Development Board – Kits Projects</td>
</tr>
<tr>
<td>447</td>
<td>DIY $1 PIC 12f675 JDM Programmer (Cheap and Easy)</td>
<td>Development Board – Kits Projects</td>
</tr>
<tr>
<td>448</td>
<td>Wave JT – Larson Scanner with Joule Thief</td>
<td>LED Projects</td>
</tr>
<tr>
<td>449</td>
<td>Aurora 9×18 RGB LED art</td>
<td>LED Projects</td>
</tr>
<tr>
<td>450</td>
<td>PIC Development Board – Hello World Project</td>
<td>Development Board – Kits Projects</td>
</tr>
<tr>
<td>451</td>
<td>LED Character Moving English Font Display Project (8×16)</td>
<td>LED Projects</td>
</tr>
<tr>
<td>452</td>
<td>Interfacing DC Motor with PIC Microcontroller using L293D</td>
<td>Motor Projects</td>
</tr>
<tr>
<td>453</td>
<td>30 volts Panel Volt Meter Using PIC MCU</td>
<td>LED Projects</td>
</tr>
<tr>
<td>454</td>
<td>Tiny AVR Microcontroller Runs on a Fruit Battery</td>
<td>Battery Projects</td>
</tr>
<tr>
<td>455</td>
<td>Breathalyzer circuit using 8051</td>
<td>Other Projects</td>
</tr>
<tr>
<td>456</td>
<td>IR-Sensor Circuit and Interfacing with PIC Microcontroller</td>
<td>Sensor – Transducer – Detector Projects</td>
</tr>
<tr>
<td>457</td>
<td>Password Based Door Lock System using 8051 Microcontroller</td>
<td>LED Projects</td>
</tr>
<tr>
<td>458</td>
<td>Breadboard module for 18-pin PIC16F microcontrollers (PCB version)</td>
<td>How To – DIY – Projects, Projects</td>
</tr>
<tr>
<td>459</td>
<td>Air Sampler using PIC16F690 microcontroller</td>
<td>Medical – Health based Projects, Projects</td>
</tr>
<tr>
<td>460</td>
<td>Digital Temperature Sensor Circuit</td>
<td>LED Projects</td>
</tr>
<tr>
<td>461</td>
<td>How to work with inbuilt ADC Module of PIC16F4550</td>
<td>Projects, Sensor – Transducer – Detector Projects, Tutorials</td>
</tr>
<tr>
<td>462</td>
<td>PIC16F84A timer0 code and Proteus simulation</td>
<td>Clock – Timer Projects</td>
</tr>
<tr>
<td>463</td>
<td>Chapter 1: PIC16F887 Microcontroller – Device Overview</td>
<td>Memory – Storage Projects</td>
</tr>
<tr>
<td>464</td>
<td>PIC microcontroller power supply circuit by Chayapol</td>
<td>Microcontroller Programmer Projects</td>
</tr>
<tr>
<td>465</td>
<td>8051 MICROCONTROLLER</td>
<td>LED Projects</td>
</tr>
<tr>
<td>466</td>
<td>Interfacing DC Motor with 8051 Microcontroller</td>
<td>Motor Projects</td>
</tr>
<tr>
<td>467</td>
<td>Latest Microcontroller Based Electronic Project Circuits in 2014</td>
<td>Microcontroller Programmer Projects</td>
</tr>
<tr>
<td>468</td>
<td>IN-8 single nixie tube clock using PIC16F84</td>
<td>Clock – Timer Projects, Projects</td>
</tr>
</tbody>
</table>
469. **Know the Procedure of GSM Modem Interfacing with 8051** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

470. **RFID Based Attendance System – Circuit, Working, Source Code** Posted in: LCD Projects

471. **Simple mass storage for your microcontroller project** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects


473. **CELLPHONE OPERATED LAND ROVER** Posted in: Phone Projects

474. **TIC TAC TOE game using PIC16F628** Posted in: Game – Entertainment Projects, Projects

475. **Serial Data Received from PC and Displayed on 16x2 Using USART of Pic16f877 Microcontroller** Posted in: LCD Projects

476. **LED Scrolling Display Project Working With Circuit Diagram** Posted in: LED Projects

477. **Top Microcontroller based Mini Projects for 3rd and 4th Year Engineering Students** Posted in: Microcontroller Programmer Projects

478. **A new multi-function power supply unit for my Embedded Lab using PIC16F689** Posted in: How To – DIY – Projects, Projects

479. **Build a musical EKG with the Freescale FRDM-KL05** Posted in: Sound – Audio Projects

480. **Audio CRO using PIC12F675 Microcontroller** Posted in: Projects, Sound – Audio Projects

481. **Automotive Voltage Monitor using PIC16F883** Posted in: Battery Projects, Car Projects, Projects


484. **Ultrasonic Range Finder Circuit AD605 PIC16F876** Posted in: Development Board – Kits Projects

485. **Infrared Remote Controlled (RC) Steerable Vibrobot Created by Naghi Sotoudeh** Posted in: Featured, Robotics – Automation Projects

486. **WHAT IS A PIC MICROCONTROLLER? WHAT CAN IT DO?** Posted in: LCD Projects

487. **Keypad 4x5 for microcontrollers v. 1.1 using PIC16F877** Posted in: Projects, RTOS – OS Projects

488. **Curiosity Development Kit Board** Posted in: Development Board – Kits Projects

489. **Frequency Counter by PIC16F628** Posted in: LCD Projects

490. **Electrical Subsystem Schematics** Posted in: Sensor – Transducer – Detector Projects


492. **chipKIT Tutorial 4: Interfacing a character LCD** Posted in: chipKIT Projects, Development Board – Kits Projects

493. **chipKIT Project 1: Digital thermometer using an LM34 sensor** Posted in: chipKIT Projects, Development Board – Kits Projects

494. **chipKIT Project 2: Temperature and relative humidity logger** Posted in: chipKIT Projects, Development Board – Kits Projects

495. **chipKIT Tutorial 5: Pulse width modulation (PWM)** Posted in: chipKIT Projects, Development Board – Kits Projects

496. **chipKIT Tutorial 6: Inter-Integrated Circuit (I2C) communication** Posted in: chipKIT Projects, Development Board – Kits Projects

497. **chipKIT Project 3: Easy Pulse Meter** Posted in: chipKIT Projects, Development Board – Kits Projects

498. **What is Chipkit Development Board?** Posted in: chipKIT Projects, Development Board – Kits Projects, Featured
499. chipKIT Tutorial 2: Serial communication with PC Posted in: chipKIT Projects, Development Board – Kits Projects
500. chipKIT Tutorial 1: Digital input and output Posted in: chipKIT Projects, Development Board – Kits Projects
503. chipKIT Project 4: Digital light meter Posted in: chipKIT Projects, Development Board – Kits Projects
504. chipKIT Project 5: Digital stopwatch on seven segment LED display Posted in: chipKIT Projects, Development Board – Kits Projects
505. chipKIT Tutorial 7: Using Nokia 5110 LCD Posted in: chipKIT Projects, Development Board – Kits Projects
506. PIC16F1787 Programmer Board (for Almost all 40 pin 16Fxxx) Posted in: Development Board – Kits Projects
507. Programmable Stiffness Joint using pic-microcontroller Posted in: Microcontroller Programmer Projects
508. A digital thermometer or talk I2C to your atmel microcontroller using pic microcontroller Posted in: Microcontroller Programmer Projects
510. RGB LED PWM Driver for High Power 350mA LEDs using PIC12F629 Posted in: LED Projects, Projects, PWM Projects
511. PIC 12F675 Programmable 12V Battery Monitor Posted in: Battery Projects
512. Determine capacitance by measuring the charging time using PIC16F888 Posted in: Clock – Timer Projects, Metering – Instrument Projects, Projects
513. BATTERY CHARACTERIZER using PIC18F252 Posted in: Battery Projects, Projects
514. Build this microcontroller controlled rainbow flying disc – and then throw it! Posted in: LED Projects
515. How to display custom characters on LCD using PIC16F877 Posted in: LCD Projects, Projects
516. PIC18 Development Board with Ethernet and USB Posted in: Development Board – Kits Projects
517. Intel D945GCLF Small Front Panel using PIC12F629 Posted in: Projects, RTOS – OS Projects
519. Microcontroller’s based Password Locker Posted in: Calculator Projects
520. 3D Printed Microcontroller Dice Roller Posted in: chipKIT Projects, LED Projects
521. The perfect Remote, Programmable, Controller for interactive LED strips Posted in: LED Projects
522. Circuit design and electronics using pic-microcontroller Posted in: Sound – Audio Projects
523. Electronic Heart (Flashing LEDs) – Mother’s Day Project Posted in: LED Projects
524. Trippy RGB Color Mixing NightLight Posted in: LED Projects
525. Mädchen Machen Technik using pic-microcontroller Posted in: LED Projects
526. USB Reprogrammable iButton door lock Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
527. PIC KICK TWEET! Posted in: LCD Projects
556. Crossed IR Beam Camera/Flash Trigger - Posted in: Video – Camera – Imaging Projects
558. NES Controller iPod Remote - Posted in: Development Board – Kits Projects
559. Hacking the Xbox CONTROLLER - Posted in: Game – Entertainment Projects
560. Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors (Part 1) using pic microcontroller - Posted in: Temperature Measurement Projects
562. Semi-Automatic NERF Longshot - Posted in: Game – Entertainment Projects
564. The ChromoDisk - Posted in: LED Projects
565. USB Keypad Demonstration – Crystal Free USB and mTouch™ Sensing Solutions using pic microcontroller - Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
566. Lucid Dream/Dream Recall Machine using infrared - Posted in: LED Projects
568. eLab Hackerspace GSM Access Control System - Posted in: Phone Projects
569. CS2200 Intro to Systems and Networks using pic-microcontroller - Posted in: Internet – Ethernet – LAN Projects
570. Aurora 9x18 RGB LED art - Posted in: LED Projects
574. Andy Robison’s Lab Notebook using pic microcontroller - Posted in: LED Projects
575. Arduino controlled light dimmer - Posted in: LED Projects
577. Computer Controlled Star - Posted in: LED Projects
578. Xbee Wireless Servo Control using PIC18LF4520 - Posted in: Motor Projects, Projects
579. How to Create an Eye Catching Display (LED Style) - Posted in: LED Projects
582. Interactive LED Beer Pong Table 2.0 (BPT X5) - Posted in: LED Projects
583. One-chip sound player - Posted in: Sound – Audio Projects
584. Mirror “Tube” – LED Optical illusion - Posted in: LED Projects
585. RGB LED Color Cycling Circuit  Posted in: LED Projects
586. BlinkLED  Posted in: LED Projects
587. Leon’s Mini Random Number Generator (mRNG) using pic microcontroller  Posted in: LED Projects
588. Vehicle security with GSM  Posted in: LCD Projects
590. Arduino solar charge controller + output control and data logging online with Xbee WiFi  Posted in: LCD Projects
591. TTPSU – Power supply for turntables with AC motors  Posted in: LCD Projects
592. Pimp my Pong  Posted in: Development Board – Kits Projects
593. Microchip PIC16F877 Microcontroller  Posted in: LED Projects
594. Cheap and Easy Dial Controlled High Power RGB LED(s) Driver  Posted in: LED Projects
595. How to Create a Beer Bottle LED VU Meter  Posted in: LED Projects
596. Serial LCD Controller  Posted in: LCD Projects
598. Aurora 9x18 Kit  Posted in: LED Projects
599. The Rock  Posted in: Robotics – Automation Projects
600. A PIC Ultrasonic distance meter project using a Seven Segment display and a PIC micro.  Posted in: LCD Projects
602. The Glowing Green Robot  Posted in: Robotics – Automation Projects
603. A PIC Serial LCD Project  Posted in: LCD Projects
604. Making a mini LED Christmas tree  Posted in: LED Projects
605. MIDI-Controlled Analog Music Synthesizer  Posted in: Sound – Audio Projects
606. MIDI-Controlled Analog Music Synthesizer  Posted in: Sound – Audio Projects
607. LED scrolling Christmas tree ornament with built in video game!  Posted in: LED Projects
608. Emergency Excuse Generator using PIC16F690  Posted in: Other Projects, Projects
609. TrH Meter: A DIY indoor thermometer plus hygrometer with adaptive brightness control implemented to 7-segment LED displays  Posted in: LCD Projects
610. TrH Meter: A DIY indoor thermometer plus hygrometer with adaptive brightness control implemented to 7-segment LED displays  Posted in: LCD Projects
611. Temperature and relative humidity display with adaptive brightness control  Posted in: LED Projects
612. JavaBot……….. A line following robot  Posted in: Robotics – Automation Projects
613. Making a 8x40 LED matrix marquee using shift registers  Posted in: LED Projects
614. C-52EVBRobot Controller  Posted in: Robotics – Automation Projects
615. Generic Automotive Light Effect PIC/Arduino Modules  Posted in: LED Projects
616. PIC MICROCONTROLLER PROJECTS AND LCD CIRCUITS  Posted in: LCD Projects
617. F84 Miniature Real-Time Controller  Posted in: LED Projects
618. PIC microcontroller led flasher circuit using PIC16F627A  Posted in: LED Projects
619. digital thermometer using pic microcontroller and MCP9700  Posted in: LCD Projects
620. Emergency Vehicle LED Light  Posted in: LED Projects
621. WLoader – a 16f877 application loader using pic microcontroller  Posted in: Microcontroller Programmer Projects
622. DS18S20 interfacing with pic and avr microcontroller  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
624. Green house intelligent control system  Posted in: Temperature Measurement Projects
625. Test For Presence of Internal Oscillator Calibration Word for PIC12F629  Posted in: Clock – Timer Projects, LED Projects, Projects
626. Real Time Clock (RTC) Interfacing PIC18F  Posted in: Clock – Timer Projects
627. Remote controlled LED lighting effects  Posted in: LED Projects
629. Power MOSFET RGB LED PWM Driver for PIC12F683  Posted in: LED Projects, Projects, PWM Projects
630. PIC Microcontroller Basics and Applications for Engineering Students  Posted in: LCD Projects, LED Projects
631. Top PIC Microcontroller Projects Ideas  Posted in: Temperature Measurement Projects
632. HC08 Fan Timer using pic microcontroller  Posted in: Clock – Timer Projects
633. LED FX using PIC12F629 Microcontroller  Posted in: LED Projects, Projects
634. PIC Waveform Recorder  Posted in: LCD Projects
635. Serial LCD project using PIC16F877A Microcontroller  Posted in: LCD Projects, Projects
637. Stepper Motor Interface PIC16F  Posted in: Motor Projects
638. PIC Microcontroller Projects for Final Year Engineering Students  Posted in: Microcontroller Programmer Projects
639. F84-Programmer using pic microcontroller  Posted in: Microcontroller Programmer Projects
640. PCF8573P I2C Real Time Clock  Posted in: Clock – Timer Projects
642. 5 transistor PIC programmer *Schematic added to step 9!  Posted in: Microcontroller Programmer Projects
643. How to build a speed detector for a coilgun project  Posted in: Development Board – Kits Projects
644. PIC Projects using pic microcontroller  Posted in: LED Projects
645. Application of Microcontroller in Science and Technology  Posted in: Robotics – Automation Projects
646. A pic programmer circuit based on AN589  Posted in: Microcontroller Programmer Projects, Projects
647. The chipKIT™ UNO32™ and MAX32™ development boards for the Arduino™ Community  Posted in: chipKIT Projects, Development Board – Kits Projects
648. My New MIDI Merger uses 10 MIPS £1.00 PIC Microcontroller!  Posted in: Microcontroller Programmer Projects
650. Easy Debugging Terminal using pic microcontroller  Posted in: LCD Projects
652. Speed control of DC motor by PWM in Proteus simulation  Posted in: Motor Projects
654. A complete guide for LED Blinking  Posted in: LED Projects
655. Lab 2: Basic digital input and output  Posted in: LED Projects
657. pic microcontroller projects pdf  Posted in: Microcontroller Programmer Projects
658. martin lightjockey 2 free  Posted in: LED Projects
660. Solar Tracking System  Posted in: LED Projects, Motor Projects
662. FM RDS Tuner Module for mobile applications using PIC18F46k20  Posted in: Phone Projects, Projects, Radio Projects
663. Top Embedded Projects Ideas for Engineering Students  Posted in: Other Projects
664. Low power temperature data logger using PIC18F27J53  Posted in: Projects, Temperature Measurement Projects
667. Interfacing VFD with PIC Microcontroller  Posted in: LCD Projects
668. Interfacing VFD with PIC Microcontroller  Posted in: LCD Projects
669. LED Sign has a purpose! using pic microcontroller  Posted in: LED Projects
670. Infra red remote control tester for Philips RC5 protocol  Posted in: LED Projects
671. MRNet — Wired Cab Module (Revision A) using pic microcontroller  Posted in: LED Projects
672. PIC Microcontroller project – 24 hour clock and thermometer displayed via 16f690 microcontroller and LCD programmed in C  Posted in: LCD Projects

673. Alchemist Forseti APD15A RC Integrated amplifier  Posted in: Sound – Audio Projects

674. Repair of Arcam CD73 laser mechanism  Posted in: Video – Camera – Imaging Projects


676. Marantz CD63SE laser transport mechanism replacement  Posted in: Video – Camera – Imaging Projects


678. How to set up your B&W Zeppelin Air  Posted in: Sound – Audio Projects

679. Electronic Quiz Buzzer Circuit Diagram using PIC Microcontroller  Posted in: LED Projects


681. In-Circuit debugger, created by E.E. Atanasios Melimopoulos using PIC16F628 microcontroller  Posted in: PWM Projects

682. Circuit-Zone.com – Electronic Projects  Posted in: LED Projects

683. PIC Microcontroller Architecture and Applications  Posted in: Microcontroller Programmer Projects

684. Electronic Distance Meter using pic microcontroller  Posted in: LCD Projects, Metering – Instrument Projects


687. PIC – First Project  Posted in: Other Projects

688. Microchip – Let my robot see! using pic microcontroller  Posted in: Robotics – Automation Projects


690. Low cost temperature data logger using PIC and Processing  Posted in: Temperature Measurement Projects

691. GPS-based universal clock generator using PIC16F628  Posted in: Clock – Timer Projects, GPS Based Projects, Projects


693. Interfacing 16X2 LCD with PIC Microcontroller  Posted in: LCD Projects

694. Automatic door lock system using 8051(89c51,89c52) microcontroller  Posted in: Home Automation Projects

695. DIY MIDI controllers using PIC microcontrollers and Basic Stamps using pic microcontroller  Posted in: How To – DIY – Projects


697. EMDP1 — Extensible Multiple Device Programmer 1 (Rev. C) using pic microcontroller  Posted in: Microcontroller Programmer Projects

698. 10 tricks for interfacing to the PIC16C508  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects

699. Automatic door opener with PIC12C508 Circuit  Posted in: Home Automation Projects
700. DS18S20 Dual Temperature Meter using pic microcontroller  
701. The Saltwater etch process using PIC16F54 microcontroller  
702. A discussion on the drive-current for the outputs of a PIC12C508A microcontroller  
703. Led Display Boards InBulk using pic microcontroller  
704. Localizer with SIM908 module using PIC16LF8722  
705. First Servomotor Control Program  
706. A PIC frequency counter operating up to about 50 MHz. using pic microcontroller  
707. A simple spectrum analyzer using dsPIC30F4011  
708. Wisp628 an in-circuit flash PICmicro Programmer  
709. How to drive an rgb led using three microcontroller pins. using pic microcontroller  
710. Night Light Saver V3.2 (PIC12C508)  
711. Schematics and C code for a 0-5V PIC LCD Volt Meter. using pic microcontroller  
712. Making a binary clock using a PIC Microcontroller  
713. Relay Timer with PIC16F628  
714. Rotary Encoders  
715. 12F675 Tutorial 5 : A Temperature data logger using PIC EEPROM. using pic microcontroller  
716. Isolated RS232C for PIC16F84  
717. Intelligent Fan Controller. Part 1 – Schematic using pic microcontroller  
718. Multiple Servomotors  
719. Thermometer with PIC Microcontroller  
720. Extend I/O Ports using PIC Microcontroller  
721. Project Ryu Lagger Guitar Pedal Take 3 using pic microcontroller  
722. Create Musical Tone using PIC Code  
723. Connect Ethernet controller with PIC Code  
724. UART Communication using PIC Code  
725. TechBot line following robot using PIC16F84  
726. GSM Based Versatile Robotic Vehicle Using PIC Microcontroller
728. Connect Memory Card using PIC18F4520 Code Posted in: Memory – Storage Projects
732. The One Chip Spinning RGB POV Display with conversion software using PIC18f4680 microcontroller Posted in: Other Projects
733. Digital DCF77 clock with LCD and gong using PIC16F628A Posted in: Clock – Timer Projects, Home Automation Projects, LCD Projects, Projects
735. USB & GLCD expansion board for 8051SBC using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
736. LED Persistence of Vision Display Posted in: LED Projects
737. PIC18F2550 Project Board using pic microcontroller Posted in: Development Board – Kits Projects
738. Discolight effect with bass beat control using PIC16F84A Posted in: LED Projects
739. How to configure EUSART in PIC18F4550 Posted in: How To – DIY – Projects, Projects, Tutorials
740. 8 Channel IR Remote Control Posted in: Home Automation Projects
743. Stepper Motor Driver using PIC18F4550 Microcontroller Posted in: Motor Projects
746. A DDS Module based on the AD9835 using PIC16F84 Posted in: Other Projects, Projects
747. Stepper Motor Speed Control with PIC18F4550 Posted in: Motor Projects
748. Infrared IR Sensor Interface with PIC18F4550 Microcontroller Posted in: Sensor – Transducer – Detector Projects
750. RC Servo Switcher using pic microcontrollerPosted in: Robotics – Automation Projects
751. PIC18F2550 : Blink LED using XC8 Compiler Posted in: LED Projects
752. PIC16F628 4 RGB LED PWM Controller using pic microcontroller Posted in: LED Projects
753. The Ultra-QP An Ultrasound QSO Party Rig Fun & Educational! Posted in: Game – Entertainment Projects
783. Tejas Kulkarni’s Lab Notebook using pic microcontroller Posted in: Video – Camera – Imaging Projects
785. SD Memory Card Interface using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Memory – Storage Projects
786. Connect to the PIC Microcontroller Posted in: Development Board – Kits Projects
787. Aurora mini 18 using PIC24FV16KA302 microcontroller Posted in: Other Projects, Projects
788. 01/fatch using PIC16F913 microcontroller Posted in: Projects
790. PIC16F877 LCD code and Proteus simulation Posted in: LCD Projects, Projects
792. Aurora 9 bar – The Essence of Aurora using PIC24F08KA microcontroller Posted in: Game – Entertainment Projects, LED Projects
793. Converting a Proxxon MF70 Milling Machine To CNC – 4 using PIC24FJ64GB002 Posted in: CNC Machines Projects, Projects
795. Car Anti theft System Project using Microcontroller PIC16F73 Posted in: Car Projects
797. How to interface LCD with PIC18F4550 Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects
799. A Cheap Ultrasonic Range Finder Posted in: LCD Projects
800. How to use PIC16F84A pin as input (Code+Proteus simulation) Posted in: Other Projects, Projects
801. PIC Frequency Counter with Frequency Lock function Posted in: Home Automation Projects
802. Small Virtual Wall for iRobot Roomba using PIC12F629 Posted in: Projects, Robotics – Automation Projects
804. picLink RS232 low cost development controller with ADC using PIC16F628A Posted in: Other Projects, Projects
805. 8×8 LED Array Multiplexed Infinity Mirror using PIC18F1320 Posted in: LED Projects, Projects
808. embedded microchips Posted in: Other Projects
810. Ways to Select a Best Microcontroller for Microcontroller based Projects Posted in: Memory – Storage Projects
811. 8x8 LED Array Multiplexed Infinity Mirror using PIC18F1320 microcontroller Posted in: LED Projects, Projects
812. Computer controlled infrared transmitter based on PIC Posted in: Metering – Instrument Projects
815. Time Display unit for a GPS module using pic microcontroller Posted in: Clock – Timer Projects, GPS Based Projects
816. High res cap meter with PIC 16F628 Posted in: Metering – Instrument Projects
817. How to use Timers in PIC18F4550 Microcontroller Posted in: Clock – Timer Projects, Projects
818. A pic programmer circuit based on AN589 using pic microcontroller Posted in: Microcontroller Programmer Projects
819. PIC16C54 dual dice electronic project circuit Posted in: Development Board – Kits Projects
820. Aurora 9x18 RGB LED art using PIC24F08K1A01 microcontroller Posted in: LED Projects, Projects, PWM Projects
821. POV Toy Posted in: Game – Entertainment Projects
822. A discussion on the drive-current for the outputs of a PIC12C508A microcontroller Posted in: LED Projects
824. Project on making calculator using PIC16F877 and Mikro C Pro Posted in: Calculator Projects
825. DIGITAL CLOCK CIRCUITS Posted in: Clock – Timer Projects
827. “Mini-Beacon” miniature programmable LED Flasher that is based around a PIC12F629 microcontroller Posted in: LED Projects
830. PIC16F877 ISA Ethernet Web Server Project Posted in: Internet – Ethernet – LAN Projects
831. How to adapt a NES clone controller to bluetooth using PIC12F675 Posted in: Internet – Ethernet – LAN Projects, Projects
832. Four way traffic light signal using PIC16F84A microcontrollerPosted in: LED Projects
836. Interfacing 7 segment display with pic16f877 microcontroller Posted in: LED Projects
837. A Real Time Clock IC (DS1307) project using the PIC micro. Posted in: Clock – Timer Projects
838. Prometheus/Pandora's Box using PIC12C508 microcontroller Posted in: Other Projects, Projects, Radio Projects
839. PIC based WWVB clock Posted in: Clock – Timer Projects
840. Reading Nintendo 64 controller with PIC microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
842. LED Matrix Backpack Posted in: LED Projects
844. GSM based Control System by pic microcontroller Posted in: Internet – Ethernet – LAN Projects
845. MintLite Part I Posted in: Home Automation Projects
846. PIC Controlled Relay Driver using pic microcontroller Posted in: Other Projects
848. Water Filter Controller Posted in: Home Automation Projects
849. How to interpret the direction of rotation from a digital rotary switch with a PIC using PIC16F877A Posted in: How To – DIY – Projects, Projects
850. Iron in the Fire II Posted in: Battery Projects
854. PIC Industrial and Domestic Timer (Relay Controller) Posted in: Clock – Timer Projects
855. Aurora 48 – 48 RGB LED Sequencer Posted in: LED Projects
856. ISD2560 Voice Recording Playback Project PIC16F84 Controlled Posted in: Sound – Audio Projects
857. True USB GQ-4X Programmer using pic microcontroller Posted in: Microcontroller Programmer Projects
858. Mini F1 race track Grid Start Lights using PIC12F627A Posted in: Game – Entertainment Projects, Projects
859. DIY plug-in modules to make microcontroller breadboarding easier Posted in: Development Board – Kits Projects
862. Microcontroller with single LED Project in Proteus  Posted in: LED Projects
863. Aurora 9 bar – The Essence of Aurora using PIC24F08KA101  Posted in: LED Projects, Projects
865. PIC16F84 Introduction  Posted in: Microcontroller Programmer Projects
866. IRMimic™ Trainable IR Remote Control Transmitter using pic microcontroller  Posted in: Other Projects
867. LED Strobe for PIC12F629 / 675  Posted in: LED Projects
870. DC motor control with Joystick and PIC16F877A  Posted in: Motor Projects
872. Ways you can use the DDS Daughtercard  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
873. Misc Projects : High Power RGB LED Controller  Posted in: LED Projects
876. Augustus’s Lab Notebook using pic microcontroller  Posted in: LCD Projects
877. Throbbing Apple Logo Sticker using PIC10F206 microcontroller  Posted in: Battery Projects, LED Projects, PWM Projects
878. Programmable watch with four character display using PIC16F628A microcontroller  Posted in: LED Projects, Microcontroller Programmer Projects, Projects
879. IR(infrared) Remote Control Relay Board with PIC 12F675 Microcontroller  Posted in: Home Automation Projects
880. PIC’ing the MAX5581: Interfacing a PIC Microcontroller with the MAX5581 Fast-Settling DAC  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
881. LED fireflies prototype using PIC12f683 microcontroller  Posted in: LED Projects
882. RGB LED PWM Driver for High Power 350mA LEDs V3 using PIC12F629  Posted in: LED Projects, Projects, PWM Projects
883. Open Automaton Project  Posted in: Robotics – Automation Projects
885. STEAM GENERATOR using PIC16F873  Posted in: Home Automation Projects, Projects
886. Introduction to the PIC32 using pic-microcontroller  Posted in: Video – Camera – Imaging Projects
887. PIC16C74 Embedded 10BaseT Ethernet CS8900  Posted in: Internet – Ethernet – LAN Projects
888. Experimenter’s board for enhanced mid-range PIC microcontrollers (PIC16F1827 and PIC16F1847) Posted in: Development Board – Kits Projects, Projects

889. Infrared (IR) Object Detection Module Circuit Using IR LED and Photodiode Posted in: LED Projects

890. PIC16F877 based controllable digital clock using LCD display (Code+Proteus simulation) Posted in: Clock – Timer Projects, LCD Projects, Projects

891. USB Interface Board Driver Installation PIC18F4550 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects


894. Daft Punk Table Replica Graphics Controller using PIC18F2550 Posted in: Other Projects, Projects


896. 4 Channel DMX512 Driver for PIC16F688 Posted in: Development Board – Kits Projects

897. MEASURING HEART RATE USING A PHOTOPLETHYSMOGRAPHIC CARDIOTACHOMETER using pic-microcontroller Posted in: Medical – Health based Projects

898. Using Fixed Voltage Reference (FVR) for A/D conversion in enhanced mid-range PIC microcontrollers Posted in: LED Projects

899. PIC18F4550 Tutorial: Blinking an LED Posted in: LED Projects

900. PIC18F4550 Tutorial: Blink LED – 2 Posted in: LED Projects

901. A modified version of the “Air diplay” adapted to be used in a bicycle using PIC12F629 microcontroller Posted in: Other Projects, Projects

902. Stepper Motor Driver using PIC18F4550 Microcontroller Posted in: Motor Projects


904. USB Interface Demo Board Using PIC18F4550 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

905. In circuit serial programmer for PIC16F87X Posted in: Microcontroller Programmer Projects, Projects


909. 3-Switch Mini IR Remote Control for PIC10F200 Posted in: Internet – Ethernet – LAN Projects, Projects


911. PIC18F4550 – LCD display, jhd162a (2x16) Interface Posted in: LCD Projects


944. Quozl’s Alarm Clock using PIC16F877 Posted in: Clock – Timer Projects, Projects

945. Simplest Temperature Data Logger using PIC12F683 Posted in: Projects, Temperature Measurement Projects

946. PIC12F1840 + I2C 24FC1025 EEPROM Posted in: Memory – Storage Projects

947. PIC 16F917 Gyroscope interface Posted in: Microcontroller Programmer Projects


949. internetworking with microchip microcontroller pic18f+enc28j60 Posted in: Microcontroller Programmer Projects


951. Microprocessors Garland Posted in: LED Projects

952. Motion Activated Led Dice using PIC16F688 Posted in: LED Projects, Projects

953. Car battery charger with PIC12F683 Posted in: Battery Projects

954. 9 Volt Battery Charger Posted in: Battery Projects

955. LED dot matrix scrolling message – 14x5 – source code Posted in: LED Projects

956. Mechanically scanned laser display using PIC17F877 Posted in: LCD Projects, Projects


958. Max the Spider – powered by LEGO and PIC microcontroller Posted in: Game – Entertainment Projects


961. Poor man’s counter using PIC16F84 microcontroller Posted in: Other Projects, Projects

962. PIC Game System Posted in: Game – Entertainment Projects

963. Pulsing Hubby Detector using PIC12f683 microcontroller Posted in: LED Projects, Projects


965. Building the PIC16F84 based game system Posted in: Game – Entertainment Projects

966. Chronograph for Air Cannon using PIC16F628A microcontroller Posted in: Other Projects, Projects

967. PIC-Tetris Posted in: Game – Entertainment Projects

968. Low cost temperature data logger using PIC and Processing using PIC12F1822 Posted in: Projects, Temperature Measurement Projects

969. SX Game System Posted in: Game – Entertainment Projects
971. Microchip PIC Microcontrollers Posted in: Development Board – Kits Projects
972. SX-Tetris Posted in: Game – Entertainment Projects
974. SX-Pong Posted in: Game – Entertainment Projects
976. Build yourself flashing message on PIC16F877A with assembler Posted in: Other Projects
977. PBUS – an RS485-like multi-drop bus with half duplex serial protocol Posted in: Other Projects
978. Virtual Game System – A game console with a mechanically scanned display Posted in: Game – Entertainment Projects
979. Embedded Linux Controller using pic microcontroller Posted in: LCD Projects
980. DIAL ALARM-1 Posted in: Clock – Timer Projects
981. Virtual Pong Posted in: Game – Entertainment Projects
982. Virtual Tetris Posted in: Game – Entertainment Projects
984. Virtual Tetris Posted in: Game – Entertainment Projects
986. How to choose a MicroController using PIC16C84 microcontroller Posted in: Development Board – Kits Projects, LCD Projects, Projects
987. Mechanically scanned RS232 display (with dynamic speed) Posted in: Metering – Instrument Projects
988. Solar Recorder Posted in: Other Projects
990. PIC10F200 based dice Posted in: LED Projects
992. Rev 4.2.2 schematic and PCB Posted in: Development Board – Kits Projects
993. Project Ryu Lagger – Guitar Effect Posted in: Sound – Audio Projects
994. 3310 Nokia LCD & PIC12F683

995. Getting started with PIC Microcontroller Programming
Posted in: Microcontroller Programmer Projects

996. How to interface Servo Motor with PIC18F4550
Posted in: How To – DIY – Projects, Motor Projects, Projects, Tutorials

997. TAXI PHONE
Posted in: Phone Projects

998. Servo Motor Control using Microcontroller PIC16F877A
Posted in: Motor Projects

999. Electronic Die using PIC16F84 microcontroller
Posted in: Development Board – Kits Projects, LED Projects, Projects

1000. Simple Digital GPS Speedometer Using PIC16F877A with LCD Display
Posted in: LCD Projects, Metering – Instrument Projects

1001. How to interface LEDs with PIC18F4550 Microcontroller
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects

1002. 0-5V LCD volt meter using PIC16F877A
Posted in: LCD Projects, Metering – Instrument Projects, Projects

1003. SMS Based Device Control using GSM Modem
Posted in: Home Automation Projects

1004. Rubidium Atomic Clock
Posted in: Clock – Timer Projects

1005. 8 Channel PWM LED Chaser for 16F628A and 16F88
Posted in: LED Projects

1006. Build your own “2-Wire LCD Interface” using the PIC16C84 microcontroller
Posted in: LCD Projects

1007. “Fluffy” – A Scenix (and PIC) Programmer
Posted in: Microcontroller Programmer Projects

1008. GSM Modern Interface with PIC 18F4550 Microcontroller
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

1009. PIC PROGRAMMER MkV using PIC12F628
Posted in: Blog, Microcontroller Programmer Projects, Projects

1010. Capacitance Meter MkII using PIC12F629
Posted in: Metering – Instrument Projects, Projects

1011. How to Interface I2C External EEPROM 24LC64 to PIC Microcontroller
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

1012. Almost No Parts’ 12/24hrs LED Clock using pic microcontroller
Posted in: Clock – Timer Projects

1013. PCB layouts using CAD
Posted in: Other Projects

1014. 18 pin PIC Development Board using PIC16F628
Posted in: Other Projects, Projects

1015. One Chip Video Poker using PIC16F628 microcontroller
Posted in: Game – Entertainment Projects, Projects

1016. Fun with PCBs
Posted in: Game – Entertainment Projects

1017. PIC programmers for parallel port
Posted in: Microcontroller Programmer Projects

1018. Breadboard module for PIC16F628
Posted in: Development Board – Kits Projects, Projects

1019. SD/SDHC CARD SOUND RECORDER
Posted in: Sound – Audio Projects

1020. PIC 16C84 VT-52 Emulator for Linux
Posted in: LCD Projects

1021. Original PICKIT-2 microcontroller programmer
Posted in: Microcontroller Programmer Projects

1022. PIC-Bot II
Posted in: Other Projects

1023. PIC12F675 software UART (bit banging) code and Proteus simulation
Posted in: How To – DIY – Projects, Projects
1024. Interfacing HC-SR04 Ultrasonic Sensor with PIC Microcontroller
Transducer – Detector Projects

1025. GPS to SD-Card Data Logger using PIC16F819 microcontroller
Posted in: GPS Based Projects, Memory – Storage Projects, Projects

1026. Serial communication with Matlab pic-microcontroller
Posted in: LED Projects

1027. Telephone operated remote control using PIC16F84A microcontroller
Posted in: Home Automation Projects

1028. Whistle Key Finder using PIC12F629
Posted in: Projects, Sensor – Transducer – Detector Projects

1029. DIY, Microcontroller-Based Battery Monitor for RC Aircraft
Posted in: Battery Projects

1030. Serial to PIC Interface using PIC Microcontroller

1031. A PIC-Based Temperature Alarm using PIC16C84
Posted in: Projects, Security – Safety Projects

1032. Nokia 1100 LCD Interfacing with Microcontroller
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects

1033. TinyWireMCP23008 – MCP23008 library for ATiny85 microcontroller
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

1034. Digital Meter Adapter – DMAD
Posted in: Metering – Instrument Projects

1035. Voltmeter Ammeter Kit
Posted in: Metering – Instrument Projects

1036. Long Period Astable Timer using PIC12F629
Posted in: Clock – Timer Projects, Projects

1037. PIC micro Timer Code
Posted in: Microcontroller Programmer Projects

1038. Voltmeter Ammeter Kit – Blue Backlight LCD
Posted in: LCD Projects

1039. Single button code entry for a digital lock using PIC16F628A
Posted in: Projects, Security – Safety Projects

1040. Build your Own PCB Exposure Box with Fluorescent Lamps and Countdown System
Posted in: How To – DIY – Projects

1041. MOTM Compatible Dual Channel Quantizer
Posted in: Metering – Instrument Projects

1042. DS1820 Arbirter V2.00 Schematic / Parts List
Posted in: Other Projects

1043. Low cost LCD module interface with optional LED backlight using PIC18F452

1044. Low cost ICSP PIC-programmer using PIC16F648A
Programmer Projects, Projects

1045. Solar tracking system using pic microcontroller
Posted in: Security – Safety Projects

1046. PIC18F452 to PC USB 2.0 interface with FT245BM

1047. Serial LCDs you can make your own using PIC12F683
Posted in: LCD Projects, Projects

1048. MCU controlled Bluetooth automation with infrared sensor
Posted in: Sensor – Transducer – Detector Projects

1049. How to generate video signals in real-time using a PIC16F84
Posted in: Video – Camera – Imaging Projects

1050. Voltage monitor for car’s battery and its charging system PIC16F1827
Posted in: Battery Projects, Car Projects, Metering –
Instrument Projects, Projects
<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>1051</td>
<td>89Sxx Development Board</td>
<td>Development Board – Kits Projects</td>
</tr>
<tr>
<td>1052</td>
<td>Solar power auto irrigation system using microcontroller</td>
<td>LCD Projects</td>
</tr>
<tr>
<td>1053</td>
<td>PicChess</td>
<td>Game – Entertainment Projects, Microcontroller Programmer Projects</td>
</tr>
<tr>
<td>1054</td>
<td>Details of PIC ICSP and how to use it for pic microcontrollers</td>
<td>How To – DIY – Projects</td>
</tr>
<tr>
<td>1055</td>
<td>PIC based WWVB clock</td>
<td>Clock – Timer Projects</td>
</tr>
<tr>
<td>1056</td>
<td>Interfacing RTC with Microcontroller</td>
<td>Interfacing(USB – RS232 – I2c -ISP) Projects</td>
</tr>
<tr>
<td>1057</td>
<td>Solar Recorder using PIC18F458 microcontroller</td>
<td>Memory – Storage Projects, Metering – Instrument Projects, Projects</td>
</tr>
<tr>
<td>1058</td>
<td>USB Low Pin Kit</td>
<td>Interfacing(USB – RS232 – I2c -ISP) Projects</td>
</tr>
<tr>
<td>1059</td>
<td>Interfacing LCD Modules with PIC Microcontrollers</td>
<td>LCD Projects</td>
</tr>
<tr>
<td>1060</td>
<td>PIC-based Digital Voltmeter (DVM)</td>
<td>Metering – Instrument Projects</td>
</tr>
<tr>
<td>1061</td>
<td>APPLICATION OF MICROCONTROLLER IN AUTO DETECT DOOR OPEN AND PAPER JAM ERROR using pic microcontroller</td>
<td>Home Automation Projects</td>
</tr>
<tr>
<td>1062</td>
<td>OSCCAL Value Finder</td>
<td>Projects</td>
</tr>
<tr>
<td>1063</td>
<td>8051 Microcontroller Overview &amp; Hardware – Tutorial #1</td>
<td>LED Projects</td>
</tr>
<tr>
<td>1064</td>
<td>Smart Button using PIC10F microcontroller</td>
<td>Home Automation Projects</td>
</tr>
<tr>
<td>1065</td>
<td>LED UV exposure box</td>
<td>LED Projects</td>
</tr>
<tr>
<td>1066</td>
<td>Ultra low cost solar-rechargeable persistence of vision display using PIC10F208</td>
<td>Battery Projects, Projects</td>
</tr>
<tr>
<td>1067</td>
<td>Using the MAX6955 LED Display Driver with a PIC Microcontroller to Scroll Messages</td>
<td>LED Projects</td>
</tr>
<tr>
<td>1068</td>
<td>Microcontroller Clapper Switch</td>
<td>Microcontroller Programmer Projects</td>
</tr>
<tr>
<td>1069</td>
<td>Use a PIC Microcontroller to Control a Hobby Servo</td>
<td>Microcontroller Programmer Projects</td>
</tr>
<tr>
<td>1070</td>
<td>Build your Own PCB Exposure Box with Florescent Lamps and Countdown System</td>
<td>Development Board – Kits Projects</td>
</tr>
<tr>
<td>1071</td>
<td>USB:- DC Motor Controller using PIC18F4550 (keyboard)</td>
<td>Motor Projects</td>
</tr>
<tr>
<td>1072</td>
<td>Digital &amp; Binary clock with thermometer &amp; hygrometer</td>
<td>Clock – Timer Projects</td>
</tr>
<tr>
<td>1073</td>
<td>Re-Doing my Design for a circuit to control an invention using a Microchip PIC microcontroller chips</td>
<td>Development Board – Kits Projects</td>
</tr>
<tr>
<td>1074</td>
<td>PIC’ing the MAX3100: Adding USB to a PIC Microcontroller Using the MAX3100 UART using pic microcontroller</td>
<td>Interfacing(USB – RS232 – I2c -ISP) Projects</td>
</tr>
<tr>
<td>1075</td>
<td>Open Source 3.2” TFT Smart Display</td>
<td>LCD Projects</td>
</tr>
<tr>
<td>1076</td>
<td>PIC RGB Power Board using PIC12F629 microcontroller</td>
<td>Battery Projects, Projects</td>
</tr>
<tr>
<td>1077</td>
<td>FailureBot 5 – A Line Following Robot</td>
<td>Robotics – Automation Projects</td>
</tr>
<tr>
<td>1078</td>
<td>Heavy duty portable charger for usb devices (phones, iPad, etc.) using PIC12F683</td>
<td>Battery Projects, Projects</td>
</tr>
</tbody>
</table>
1107. MIDI Chord Button Keyboard Using PIC18F4620 part 2 Posted in: Projects, Sound – Audio Projects


1109. Using Microcontrollers ( Microchip PIC) Posted in: Development Board – Kits Projects

1110. pic12f675 Microcontroller 8-PIN PONG Posted in: Game – Entertainment Projects


1112. Ultra-easy use of 64-pin TQFP PIC18F620 using TQFP-to-DIP PCB from VOTI Posted in: Development Board – Kits Projects, Projects

1113. PIC18F452 LED Blinking Code and Proteus Simulation Posted in: LED Projects, Projects

1114. PIC16F690 Microcontroller Circuit- How to Drive an LED Display Posted in: LED Projects


1116. Digital watt meter using pic microcontroller Posted in: Metering – Instrument Projects

1117. i, ICSP Programmer for PIC32 microcontroller family Posted in: Microcontroller Programmer Projects


1120. 3-Wire Serial LCD using a Shift Register Posted in: LCD Projects


1122. 10-minute sewable iPod remote using PIC10F222 microcontroller Posted in: Other Projects, Projects


1125. Control AC load with microcontroller Posted in: Other Projects

1126. WEBSD using PIC24F microcontroller Posted in: Internet – Ethernet – LAN Projects, Projects


1128. $15.00 BASIC Computer using PIC32MX1 microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Other Projects, Projects, RTOS – OS Projects


1186. LED Blinking with PIC Microcontroller  Posted in: LED Projects
1187. An LED Persistence Of Vision Name Badge using PIC16F88  Posted in: LED Projects, Projects
1188. Writing Your First Program with PIC Microcontroller and Set up Configuration Bits  Posted in: LED Projects
1190. RDS/RBDS decoder with optional FM stereo receiver using PIC18F452  Posted in: Projects, Radio Projects
1192. PICs in Space  Posted in: Video – Camera – Imaging Projects
1193. Programmable relay switch using PIC MCU (revised version)  Posted in: Clock – Timer Projects
1195. How to make a contact-less digital tachometer using IR-light reflection technique  Posted in: Metering – Instrument Projects
1196. LED Strobe for PIC12F629  Posted in: LED Projects, Projects
1199. Single Chip Temperature Data Logger  Posted in: Temperature Measurement Projects
1200. Custom Characters on LCD using PIC – MPLAB XC8  Posted in: LCD Projects
1201. 4 ALARM SOUNDS using PIC12F629  Posted in: Projects, Security – Safety Projects
1202. Interfacing LCD with PIC Microcontroller – Hi Tech C  Posted in: LCD Projects
1203. Schematic PIC Data Logger with Delta-Sigma Converter  Posted in: Other Projects
1204. LED message system on a Strida folding bicycle wheel using PIC12F675  Posted in: Game – Entertainment Projects, LED Projects, Projects
1205. Interfacing LCD with PIC Microcontroller – MPLAB XC8  Posted in: LCD Projects
1208. Interfacing Stepper Motor with PIC Microcontroller  Posted in: Motor Projects
1209. DC Motor Speed Control using PWM with PIC Microcontroller  Posted in: Motor Projects
1211. Interfacing Real Time Clock (RTC) DS1307 with PIC Microcontroller  Posted in: Clock – Timer Projects
1212. The simple Joule Thief  Posted in: LED Projects
1213. Interfacing Matrix Keypad with PIC Microcontroller  Posted in: Calculator Projects
1214. LED Christmas Cards using PIC 10F200  Posted in: LED Projects
1215. How to make(build) a Calculator using Pic16f877 microcontroller  Posted in: Calculator Projects
1216. Toggle/Blink led on specific delay with pic microcontroller using timers: MPLABX and xc8 compiler  Posted in: LED Projects
1217. Mars Clock using PIC16F877A microcontroller  Posted in: Clock – Timer Projects, Projects
1218. Displaying Scrolling(Moving) text on 16x2 lcd Using Pic16f877 and Pic18f452 Microcontroller  Posted in: LCD Projects
1228. PICMAN prototyping board using PIC18LF4553  Posted in: Blog, Development Board – Kits Projects, Projects
1229. Digital Clock using PIC Microcontroller and DS1307 RTC  Posted in: Clock – Timer Projects
1230. PURPIC, the wearable PICkit2 clone using PIC12F508 programmer  Posted in: Microcontroller Programmer Projects, Projects
1232. PIC16F877A-Based Temperature Monitoring System  Posted in: Temperature Measurement Projects
1233. 28 Pin PIC Terminal Development Board  Posted in: Development Board – Kits Projects, Projects
1234. Low Cost Solar Lighting Controller  Posted in: LED Projects
1235. How to use PIC18F4550 as a SPI Slave Transmitter  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
1237. Interfacing Relay with PIC Microcontroller  Posted in: Other Projects
1238. 8049 Spy using pic microcontroller  Posted in: Microcontroller Programmer Projects
1239. Automatic Power Factor Controller using Microcontroller  Posted in: power – energy projects
1240. Line follower robot using microcontroller  Posted in: Robotics – Automation Projects
1241. PIC USB HID (Human Interface Device) Interfacing  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
1242. Running LED dice  Posted in: LED Projects
1243. 2 Digit Counter using PIC12F629 Microcontroller  Posted in: Clock – Timer Projects, Projects
1244. Making a simple clap switch  Posted in: Other Projects
1245.  **Interfacing of PIC12F675 with (i2c based) 24LC64 EEPROM (code + Proteus simulation)**  
   Posted in: **Interfacing(USB – RS232 – I2c – ISP) Projects, Memory – Storage Projects, Projects**

1246.  **LED Infinity Mirror Controller, 32 LEDs, Multiple Patterns using PIC12F675**  
   Posted in: **LED Projects, Projects**

1247.  **Temperature and relative humidity display with adaptive brightness control**  
   Posted in: **Temperature Measurement Projects**

1248.  **Message Pump using PIC16F687 microcontroller**  
   Posted in: **LCD Projects, Projects**

1249.  **Digital logic probe for troubleshooting TTL and CMOS circuits**  
   Posted in: **Other Projects**

1250.  **PIC RC Motor Controller (and example lego robot)**  
   Posted in: **Motor Projects**

1251.  **How to drive a lot of LEDs using PIC12F microcontroller**  
   Posted in: **LED Projects, Projects**

1252.  **Making a digital capacitance meter using microcontroller**  
   Posted in: **Metering – Instrument Projects**

1253.  **How-to: Bus Pirate v1, improved universal serial interface using PIC24FJ64GA002**  
   Posted in: **Interfacing(USB – RS232 – I2c – ISP) Projects, Projects**

1254.  **Trih Meter: A DIY indoor thermometer plus hygrometer with adaptive brightness control implemented to 7-segment LED displays**  
   Posted in: **Metering – Instrument Projects**

1255.  **Pingbot – Micro RC Rechargeable Musical Robot Pal using PICAXE**  
   Posted in: **Projects, Robotics – Automation Projects**

1256.  **LED Microcontroller Debug Module using PIC18F4420**  
   Posted in: **LED Projects, Projects**

1257.  **Build a digital spirit level using a SCA610 accelerometer**  
   Posted in: **Metering – Instrument Projects**

1258.  **IKEA Mood-light Conversion using PIC12F683P**  
   Posted in: **Home Automation Projects, Projects**

1259.  **Universal High-Power LED Driver with 3D-printable Case using PIC16F1823**  
   Posted in: **LED Projects, Projects**

1260.  **00 to 99 minute timer using PIC16F628A microcontroller**  
   Posted in: **Clock – Timer Projects**

1261.  **New Earth Time (NET) digital clock in recycled retro-modern case using PIC16F627A**  
   Posted in: **Clock – Timer Projects, Projects**

1262.  **RGB LED Mood Light Standalone PWM controller for RGB LEDs using PIC12F629**  
   Posted in: **Home Automation Projects, LED Projects, Projects, PWM Projects**

1263.  **Revised version of LM35 based digital temperature meter**  
   Posted in: **Temperature Measurement Projects**

1264.  **Simple RS232 to logic level converter for PIC microcontroller**  
   Posted in: **Development Board – Kits Projects, Projects**

1265.  **Low cost temperature data logger using PIC and Processing**  
   Posted in: **Temperature Measurement Projects**

1266.  **Voltage monitor for car’s battery and its charging system**  
   Posted in: **Car Projects**

1267.  **A video game with software generated video signal**  
   Posted in: **Game – Entertainment Projects**

1268.  **LM386 based stereo audio amplifier with digital volume control**  
   Posted in: **Sound – Audio Projects**

1269.  **PIC 18F4550 Motor Controller Video Project**  
   Posted in: **Motor Projects, Projects**

1270.  **Build a PIC controlled DDS VFO, 0 to 6 MHz using pic microcontroller**  
   Posted in: **LCD Projects**

1271.  **Experimenters’s board for enhanced mid-range PIC microcontrollers (PIC16F1827 and PIC16F1847)**  
   Posted in: **Sensor – Transducer – Detector Projects**
1302. Digital frequency meter using pic microcontroller Posted in: Metering – Instrument Projects
1303. Photo film processor Posted in: Video – Camera – Imaging Projects
1304. Temperature sensor using PIC16F877A microcontroller Posted in: Temperature Measurement Projects
1307. PIC12F675 timer1 code and Proteus simulation Posted in: Clock – Timer Projects, Projects
1308. Green house intelligent control system Posted in: Sensor – Transducer – Detector Projects
1309. PIC12F675 timer0 code and Proteus simulation Posted in: Clock – Timer Projects, Projects
1312. How to drive an rgb led using PIC16F877A Posted in: How To – DIY – Projects, LED Projects, Projects
1314. Auto intensity control of street lights using pic microcontroller Posted in: Sensor – Transducer – Detector Projects
1315. Digital Ohmmeter circuit using pic microcontroller Posted in: Metering – Instrument Projects
1317. DS18S20 interfacing with pic and avr microcontroller Posted in: Sensor – Transducer – Detector Projects
1318. Bootloader for 16F87x PIC Microcontrollers Posted in: Interfacing(USB – RS232 – I2c -ISP), Projects
1319. Controlling a Servo with a PICAXE and an IR Sensor Posted in: Motor Projects
1320. LEDactus using PIC18F1320 Microcontroller Posted in: LED Projects, Projects
1321. H-Bridge Microchip PIC Microcontroller PWM Motor Controller Posted in: PWM Projects
1322. PIC Based Message wand Posted in: LED Projects
1323. Interfacing the Microchip PIC18F Microcontroller Master Synchronous Serial Port (MSSP) to various I2C Devices Posted in: Other Projects
1325. Prototype: Openbench Logic Sniffer logic analyzer using pic microcontroller Posted in: Other Projects
1326. The Line Follower Robot with Texas Instruments 16-Bit MSP430G2231 Microcontroller Posted in: Robotics – Automation Projects
1327. How Seven Segment Display Multiplexing with PIC Microcontroller for Electronic Sign Posted in: Interfacing(USB – RS232 – I2c -ISP), Projects
1328. Bit-Banging Serial Interfaces for the Low-End and Mid-Range PICMicros using PIC16F84 Posted in: Interfacing(USB – RS232 – I2c -ISP), Projects, Projects

1330. PIC16F84A discolight effect with bass beat control Posted in: Motor Projects

1331. Stepping Into the 16-bit World with the Microchip 16-bit PIC24F16KA102 Family Microcontroller Posted in: Other Projects

1332. PIC based WWVB clock Posted in: Clock – Timer Projects


1335. Build Your Own Simple and Easy PICAXE Microcontroller Based Photovore Robot Posted in: Robotics – Automation Projects

1336. TIMED DISCHARGE ADAPTER using PIC16F628 Posted in: Clock – Timer Projects, Projects

1337. PIC18 Pulse Width Modulation (PWM) DC Motor Speed Controller with the RPM Counter Project Posted in: Motor Projects

1338. 2-wire LCD interface using PIC16CF84 Posted in: LCD Projects

1339. Servo Camera Switch using PIC12F675 microcontroller Posted in: Projects, Video – Camera – Imaging Projects

1340. Introduction to the Embedded System with PICAXE Microcontroller Posted in: Other Projects

1341. TRACK CONTROLLER FOR AWANA® GRAND PRIX using PIC16F628 Posted in: Other Projects, Projects


1343. LED flasher using PIC16C84 Microcontroller Posted in: LED Projects, Projects


1346. Introduction to Microchip PIC Assembler Language – Part 1 Posted in: Phone Projects

1347. How to make/build a Calculator using Pic16f877 microcontroller Posted in: Calculator Projects

1348. Large Dancing Robot using PIC16f877A microcontroller Posted in: Projects, Robotics – Automation Projects

1349. Seven Segment Display Thermometer with PIC Microcontroller Posted in: LCD Projects


1351. Powering Your Microcontroller’s Base Project Posted in: power – energy projects

1352. Introduction to the Microchip PIC C Programming Posted in: Microcontroller Programmer Projects


1354. PIC Analog to Digital Converter C Programming Posted in: Microcontroller Programmer Projects
1355. Programmable IR remote control using PIC16LF877

1356. PIC16F84A software UART (bit banging) code and Proteus simulation

1357. PICJazz 20PIN Learning and Development Board

1358. Tiny Remote for iRobot Roomba using PIC12F629

1359. A brief overview of Allegro ACS712 current sensor using PIC16F1847 (Part 1)

1360. Remote controlled LED lighting effects

1361. 4 Bit LCD interfacing and programming with PIC Microcontroller

1362. Transmitting and receiving data using UART protocol PIC Microcontroller

1363. Temperature controlled fan using PIC 16F877A

1364. Interfacing LCD and Keypad with PIC16F877A Microcontroller

1365. DHT22 (AM2302) Digital Humidity and Temperature Sensor Proteus Simulation

1366. Pinguino Project (a PIC Microcontroller Based Arduino #No Programmer Required)

1367. How to create custom characters on 16×2 LCD using PIC18F4550

1368. Making of PIC18F452 Micro-Controller Development/Generic Board

1369. Ultrasonic Obstacle-avoiding Robot

1370. IRK! Infrared Remote Controlled USB Keyboard Without Keys using PIC18F2550

1371. HDD Clock – Persistence of Vision

1372. PIC PAL Video Library using pic18f4620

1373. Electronic Security System With RTC and User Define Pin Code

1374. Using PicBasic with the PIC16F84 PIC Microcontroller

1375. Closed-Caption Decoder using PIC16C84

1376. The Weeder Frequency Counter using PIC16F84

1377. COMBINATION LOCK FOR SAFE using PIC16F628

1378. Stroop Game using PIC16F628 Microcontroller

1379. Building A Robot: Motor Control

1380. Cheap PIC controlled Helmet Camera using Sony LANC (Good for Extreme Sports) using PIC16F690
1381. Serial Data Logger using PIC16F688

1382. RF Modem Robotics Project using PIC16F84 microcontroller
Posted in: Projects, Robotics – Automation Projects

1383. Simple 3 Resistor PIC Programmer
Posted in: Microcontroller Programmer Projects

1384. Laser show for poor man using PIC18F1220 microcontroller
Posted in: Medical – Health based Projects, Motor Projects, PWM Projects

1385. PIC12F629 Lead-Acid Battery Desulfator
Posted in: Battery Projects

1386. Simple USB to RS232 adapter on pic18f2455
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

1387. Programming a Picaxe 08m chip
Posted in: Projects

1388. Interfacing Relay to Microcontroller
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

1389. The VGA Test Box using pic18f452 Microcontroller
Posted in: Home Automation Projects, Video – Camera – Imaging Projects

1390. 24 Channel USB Connected LED Controller, upto 1A per Channel using PIC18F4550

1391. 10MHz DDS Sine/Square Function Generator based on the AD9835 using PIC16F628
Posted in: Clock – Timer Projects, Projects

1392. How to Program a PIC Microcontroller & Read an Encoder
Posted in: Microcontroller Programmer Projects

1393. Lecture 43 : Interfacing PIC16F877 Microcontroller with an LCD
Posted in: LCD Projects

1394. Making "The LCD Expansion Board" for PIC18F4520 using pic microcontroller
Posted in: LCD Projects

1395. How to Simulate PIC Microcontroller in Proteus Design Suite 8
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

1396. One-chip 11×10 LED matrix. using pic microcontroller
Posted in: LED Projects

1397. Multifunction RGB LED controller using PIC12F675
Posted in: LED Projects

1398. Record+play fast 1bit sound on a PIC!
Posted in: Sound – Audio Projects

1399. Major Electronic Peripherals Interfacing to Microcontroller 8051
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

1400. Life Size Operation Game using PIC16F877 microcontroller
Posted in: Game – Entertainment Projects, Projects

1401. PIC12F675 internal EEPROM code and Proteus simulation
Posted in: Memory – Storage Projects, Projects

1402. PIC12F675 ADC code and Proteus simulation

1403. Underground locator generator for Radiodetection using PIC16F628

1404. Serial Data Transfer to PC(Personal Computer) using PIC16f877 Microcontroller USART
Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

1405. Digital thermometer with auto saving log file in excel by Pic microcontroller
Posted in: Temperature Measurement Projects

1406. The 'One Chip Spinning RGB POV Display' with conversion software using PIC18f4680
Posted in: Other Projects

1407. Soundtrack using PIC16F688 Microcontroller
Posted in: Projects, Sound – Audio Projects
1408. **Arduino powered temperature sensing RGB LED nightlight using PICaxe** Posted in: Home Automation Projects, LED Projects, Temperature Measurement Projects
1410. **Easy Debugging Terminal using PIC16F84** Posted in: LCD Projects, Projects
1411. **Serial Addressable RGB PWM LED Driver using PIC16F628A** Posted in: LED Projects, Projects, PWM Projects
1412. **POV Christmas Tree using PIC12F689 microcontroller** Posted in: LED Projects, Projects
1413. **MIDI Chord Button Keyboard Using PIC18F4620 part 3** Posted in: Projects, Sound – Audio Projects
1414. **Weather meter using PIC 16F877 Microcontroller** Posted in: Temperature Measurement Projects
1415. **How to use inbuilt EEPROM of PIC18F4550 Microcontroller** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
1416. **Generating PWM with PIC Microcontroller using CCP Module** Posted in: PWM Projects
1419. **In-Circuit PIC Loader using PIC18F458 microcontroller** Posted in: Microcontroller Programmer Projects, Projects
1420. **Complete Intro To PIC’s – Make an LED Flash Video** Posted in: LED Projects, Projects
1421. **Compact PIC18F1320 Microcontroller Board** Posted in: Development Board – Kits Projects, Projects
1422. **Record Infrared Codes of Any Remote Control Unit for Usage with Linux Infrared Remote Control (LIRC) on Raspberry Pi** Posted in: Other Projects
1423. **5 LED CUBE Controller for PIC16F688** Posted in: LED Projects, Projects
1424. **Single microcontroller based 12v to 230v inverter with intelligent battery charging** Posted in: power – energy projects
1425. **IR Remote Controlled Tracked Robot** Posted in: Robotics – Automation Projects
1426. **Refrigerator Temperature Controller Project (Save Your Electricity Bill)** Posted in: Temperature Measurement Projects
1427. **Mini PIC Dev Board using PIC18F452** Posted in: Development Board – Kits Projects, Projects
1429. **Dual 4-digit seven segment LED display with SPI interface using PIC12F** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects
1430. **PIC16F84A MemoSound Game** Posted in: LED Projects
1431. **Interfacing DS1307 to PIC Microcontroller with C code and Circuit Diagram** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
1432. **Incredible DIY iPhone Macro** Posted in: Phone Projects
1433. **Chromation Systems RGB LED Tube Light** Posted in: LED Projects
1434. **d.i.y. Handheld Multichannel Analyzer (MCA) based on 16F877 PIC Microcontroller and LCD** Posted in: LCD Projects
1492. Scalextric Sport Race Start Controller using PIC16F627A Posted in: Car Projects, Game – Entertainment Projects, Projects
1495. IR Tracking Turret with PIC and C Posted in: Other Projects
1496. Adapter for small size PIC/AVR chip programming Posted in: Microcontroller Programmer Projects
1497. Garage car detector without a microcontroller Posted in: Car Projects
1499. A PIC16F84A Alarm Clock Posted in: Clock – Timer Projects, Projects
1500. PROJECT FINAL WRITE-UP Posted in: LCD Projects
1502. Obstacle Avoiding Robot using PIC Microcontroller Posted in: Robotics – Automation Projects
1503. GSM module Interfacing with PIC Microcontroller – Make and Receive Calls Posted in: Phone Projects
1504. How to Use Interrupts in PIC16F877A Microcontroller Posted in: LCD Projects
1505. How to Save Data using EEPROM in PIC16F877A Microcontroller Posted in: LCD Projects
1506. Digital Speedometer and Odometer Circuit using PIC Microcontroller Posted in: LCD Projects
1507. High/Low Voltage Detection and Protection Circuit using PIC Microcontroller Posted in: power – energy projects
1508. Push Button as Input and Led as Output with Pic Microcontroller Posted in: Other Projects
1509. Display custom characters on 16x2 lcd using Microchip Pic16f877 Microcontroller Posted in: LCD Projects
1510. PicKit2 Clone Designed and Manufactured at Home Posted in: Other Projects
1511. Interfacing PIC16F84 with DS3231 RTG Posted in: LCD Projects
1512. Real time clock with 2 alarms and temperature sensing using PIC18F4550 and DS3231Posted in: Clock – Timer Projects
1513. Interfacing SD card with PIC12F1822 (Raw data read) Posted in: Other Projects
1514. Interfacing PIC12F1822 with ST7735 SPI TFT display Posted in: LCD Projects
1515. 4-Digit 7-Segment display with 74HC595 shift register Posted in: LED Projects
1519. Display BMP images from SD card on ST7735 TFT screen Posted in: Memory – Storage Projects
1520. Real time clock with remote control and ST7735 TFT display Posted in: Clock – Timer Projects
1521. Interfacing PIC18F4550 with 1.8” TFT display Posted in: LCD Projects
1522. 433MHz RF remote control system based on PIC microcontroller Posted in: Development Board – Kits Projects
1523. CD-ROM BLDC motor controller using PIC18F4550 and L293D Posted in: Motor Projects
1524. Unipolar Stepper Motor Control From IR Remote Control Using PIC18F4550 Posted in: Motor Projects
1525. Interfacing 7-segment display with PIC12F1822 using CCS PIC C compiler Posted in: LED Projects
1526. Time-Controlled Switch Using PIC16F72 Posted in: Clock – Timer Projects
1527. SKIN TEMPERATURE MEASUREMENT Posted in: Temperature Measurement Projects
1528. Automatic Railway Gate Control System Using PIC16F877A microcontroller Posted in: Other Projects
1529. Display temperature on Graphic Liquid Crystal Display using PIC16F877A Microcontroller Posted in: Temperature Measurement Projects
1530. Multiplexing 7 Segment Display using PIC18F2550 Microcontroller Posted in: LCD Projects
1532. How to make own serial LCD display for PIC12F683 Microcontroller Posted in: LCD Projects
1533. AUTOMATIC WATER LEVEL CONTROLLER USING MICRO-CONTROLLER PIC18F45K22 Posted in: Robotics – Automation Projects
1537. DS1307 Based Hand Clock with seven segment display using PIC16F877A Posted in: Clock – Timer Projects
1539. PICMicro PWM TMR0 Calculators Posted in: Clock – Timer Projects
1540. Unipolar Stepper Motor Control Example with PIC12F1822 Microcontroller Posted in: Motor Projects
1541. Stepper Motor Drive Circuit in Proteus ISIS Posted in: Motor Projects
1542. RC5 IR Remote Control Decoder with PIC12F1822 Microcontroller Posted in: LCD Projects
1543. DC Motor Drive Circuit in Proteus ISIS Posted in: Motor Projects
1544. Real Time Clock/Calendar with Remote Control Posted in: Clock – Timer Projects
1545. PIC12F1822 ADC and PWM modules Posted in: Clock – Timer Projects
1546. Circuit Designing of LCD with PIC Posted in: LCD Projects
Under given are few projects based on specific micro-controllers:

**Proteus based Pic Microcontroller Projects**

PDF offline download

Most of the electronics geeks are asking the whole list of pic projects PDF here we will share list every month as our projects are being updated on daily basis. PDF is a good source to work offline. We will offer direct PDF file download link with info of its release date, number of ... Continue reading

PIC Microcontroller

**Pic16f877 based projects – PIC Microcontroller PDF Downloadable**

Most of the electronics geeks are asking the whole list of pic projects PDF here we will share list every month as our projects are being updated on daily basis. PDF is a good source to work offline. We will offer direct PDF file download link with info of its release date, number of ... Continue reading

PIC Microcontroller

Share this:
Current Project / Post can also be found using:

- pic16f877a projects
- pic project
- pic projects with source code
- pic microcontroller based mini projects with circuit diagram

USEFUL RESOURCES

Tools
- Online Courses to Learn Programming.
- Pic Projects PDF Offline
- Pic16f877a projects list
- Pic18f4550 projects
- Proteus Simulation Based Pic Projects

FACEBOOK

FACEBOOK

ADVANCE SEARCH

Select Category:

Select a Category

Enter Search Terms:

Search for...

Search

LAST VISITED:

USB LCD Controller

Interfacing Internal EEPROM with PIC Microcontroller

How to Send E-mail using PIC Microcontroller and ESP8266

© 2012 Powered By PIC-Microcontroller.com