Project List

Microcontroller PIC Projects are categorized on the basis of microcontroller applications. Microchip pic microcontrollers belong 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.

- Pic 16F676 ICSP programing socket for the PICkit 2 programer Posted in: Microcontroller Programmer Projects, Projects
- 48 Channel Mono / 16 Channel RGB LED Controller using PIC18F2550 microcontroller Posted in: Interfacing(USB – RS232 – I2c - ISP) Projects, LED Projects, Projects
- Mood vase using PIC12F683 microcontroller Posted in: Home Automation Projects, LED Projects, Projects
- Simple JDM PIC Programmer using PIC16F84A microcontroller Posted in: Other Projects, Projects
- DC motor control with Joystick and PIC16F877A Posted in: Motor Projects, Projects
- How to make a Clap-Clap on / Clap-Clap Off switch circuit! using PIC10F222 Posted in: How To – DIY – Projects, Projects
- Control a Hobby Servo using PIC18F2455 microcontroller Posted in: Other Projects, Projects
- PIC development/testing board using PIC16F877 microcontroller Posted in: Development Board – Kits Projects, Projects
- 3x3x3 LED Cube using PIC16F690 microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects
• PIC18F Based 6 Channel DMX Transmitter Posted in: Projects, Radio Projects
• All pic programming using 16F87X microcontroller Posted in: Microcontroller Programmer Projects, Projects
• ECG on your laptop using PIC16F876 microcontroller Posted in: Medical – Health based Projects, Projects
• Augmenting a Microcontroller using PIC16F886 Posted in: Other Projects, Projects
• Quick Key Adapter, 10 Button HID Keyboard using PIC18F14K50 Posted in: Other Projects, Projects
• PWM Fan Controller using PIC12F675 microcontroller Posted in: Projects, PWM Projects
• Frequency Detector using PIC 12F683 Processor Posted in: Projects, Sensor – Transducer – Detector Projects
• Twitter Watcher, the #watch using PIC18F6760 microcontroller Posted in: LCD Projects, Projects
• Parallel Port 3 Axis CNC Driver, Opto-Isoalted, Unipolar Steppers using PIC16F876A microcontroller Posted in: Motor Projects, Projects
• LED Binary Clock using PIC16F628A microcontroller Posted in: Clock – Timer Projects, LED Projects, Projects
• Power Pic RGB with voltage control using PIC12F675 Posted in: Other Projects, Projects
• 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
• Candle Simulator using PIC12F675 microcontroller Posted in: Game – Entertainment Projects, Home Automation Projects, Projects
• How to getting started with microcontrollers projects using PIC12F629 microcontroller? Posted in: Microcontroller Programmer Projects, Projects
• PicPOV – Persistence of Vision with a PIC18F1220 Posted in: LED Projects, Projects
• A simple display that uses the POV to display messages in the air using PIC12F629 microcontroller Posted in: Other Projects, Projects
• A 12hr/24hr LED Clock with display control using PIC16F628A microcontroller Posted in: Clock – Timer Projects, LED Projects, Projects
• PIC sound player (PCM to PWM converter) using PIC18F1320 Posted in: Projects, Sound – Audio Projects
• Classic LED 7-Segment Displays using PIC16F887 Posted in: LED Projects, Projects
• NOPPP, the "No-Parts" PIC Programmer using PIC16F83 Posted in: Microcontroller Programmer Projects, Projects
• Infra/radio remote control transmitter/receiver with PIC16F630 Posted in: Internet – Ethernet – LAN Projects, Projects, Radio Projects
• Grid Powered Battery Charger – The Plans using PIC16F876 Posted in: Battery Projects, Projects
• Countdown Timer using PIC16F84 microcontroller Posted in: Clock – Timer Projects, Projects
• GTP USB PIC PROGRAMMER (Open Source) using PIC18F252 Posted in: Microcontroller Programmer Projects, Projects
• Brushed Motor ESC using PIC12F675 microcontroller Posted in: Motor Projects, Projects
• DDS/PLL based VFO synthesizer using PIC16F876 Posted in: Other Projects, Projects
• Direct Digital Synthesis (DDS) using PIC16F84 microcontroller Posted in: Other Projects, Projects
• Designing a PID Motor Controller using PIC16F876 Posted in: Motor Projects, Projects
• Caller Line Identification (CLI) using PIC16F628A Posted in: Phone Projects, Projects
• DC motor speed control using PWM using PIC16F876 Posted in: Motor Projects, Projects, PWM Projects
• Medallion: Circle LED Animation PIC16F628A Posted in: Game – Entertainment Projects, Home Automation Projects, LED Projects, Projects
• LCD Oscilloscope for Spectrum Analyzers using PIC16F876A Posted in: LCD Projects, Projects
• [Simple RF/Microwave Frequency Counter using PIC16F876A](http://pic-microcontroller.com/project-list) Posted in: Clock – Timer Projects, Projects, Sensor – Transducer – Detector Projects

• [My GPS LCD Display Project using PIC16F84](http://pic-microcontroller.com/project-list) Posted in: GPS Based Projects, LCD Projects, Projects

• [Ir Light Dimmer v.1 adjusting lights with remote controller using PIC12F629](http://pic-microcontroller.com/project-list) Posted in: Home Automation Projects, Projects

• [IK3OIL 16F84 PIC Frequency Counter Files](http://pic-microcontroller.com/project-list) Posted in: Clock – Timer Projects, Projects

• [Darkroom Timer using PIC16F84 microcontroller](http://pic-microcontroller.com/project-list) Posted in: Clock – Timer Projects, Projects


• [2.5 GHz Frequency counter using PIC16F870](http://pic-microcontroller.com/project-list) Posted in: Clock – Timer Projects, Projects

• [Intelligent NiCd/NiMH Battery Charger using PIC16C711](http://pic-microcontroller.com/project-list) Posted in: Battery Projects, Projects


• [Stepper Motor Controller using pic16f628a](http://pic-microcontroller.com/project-list) Posted in: Motor Projects

• [PIC Based Speed Controller using PIC16C54](http://pic-microcontroller.com/project-list) Posted in: Game – Entertainment Projects, Interfacing(USB – RS232 – I2c –ISP) Projects, Other Projects


• [pic16f84a Temperature Controller](http://pic-microcontroller.com/project-list) Posted in: Projects, Temperature Measurement Projects

• [Digital Voltmeter (DVM) using PIC16F688](http://pic-microcontroller.com/project-list) Posted in: Metering – Instrument Projects, Projects

• [0-9999 seconds count down timer using PIC12F683 microcontroller](http://pic-microcontroller.com/project-list) Posted in: Clock – Timer Projects, Projects

• [PIC12F microcontroller project board](http://pic-microcontroller.com/project-list) Posted in: Development Board – Kits Projects, Projects

• [Making a digital capacitance meter using PIC16F628A](http://pic-microcontroller.com/project-list) Posted in: Metering – Instrument Projects, Projects


• [How to make a contact-less digital tachometer using IR-light reflection technique using PIC18F2550](http://pic-microcontroller.com/project-list) Posted in: CNC Machines Projects, Metering – Instrument Projects, Projects

• [LED Chaser for PIC16F84A and PIC16F628A](http://pic-microcontroller.com/project-list) Posted in: LED Projects, Projects

• [PWM DC Motor Controller for PIC12F683](http://pic-microcontroller.com/project-list) Posted in: Motor Projects, Projects, PWM Projects

• [Radio Button Switch Control using PIC12F622](http://pic-microcontroller.com/project-list) Posted in: Projects, Radio Projects

• [A Beginner’s data logger project using PIC12F683 microcontroller](http://pic-microcontroller.com/project-list) Posted in: Memory – Storage Projects, Projects, Temperature Measurement Projects

• [Build A Digital Tachometer/RPM Counter using PIC18F452](http://pic-microcontroller.com/project-list) Posted in: How To – DIY – Projects, Metering – Instrument Projects, Projects

• [Heart rate measurement from fingertip using PIC16F628A](http://pic-microcontroller.com/project-list) Posted in: Medical – Health based Projects, Projects

• [PIC12F675 microcontroller as Flip Flop](http://pic-microcontroller.com/project-list) Posted in: Other Projects, Projects

• [IR Remote Control Repeater using PIC12F629](http://pic-microcontroller.com/project-list) Posted in: Internet – Ethernet – LAN Projects, Projects

• [Internal Oscillator Recalibration Utility for PIC12F629](http://pic-microcontroller.com/project-list) Posted in: Clock – Timer Projects, Projects

• [Digital alarm clock using PIC16F877 microcontroller](http://pic-microcontroller.com/project-list) Posted in: Clock – Timer Projects, Home Automation Projects, Projects

• [Programmable digital timer switch using a PIC16F628A](http://pic-microcontroller.com/project-list) Posted in: Clock – Timer Projects, Projects


• [WORLD'S SIMPLEST PROGRAM using PIC12F629](http://pic-microcontroller.com/project-list) Posted in: Microcontroller Programmer Projects, Projects

• [HAPPY BIRTHDAY using PIC12F629 Microcontroller](http://pic-microcontroller.com/project-list) Posted in: Game – Entertainment Projects, Home Automation Projects, Projects

---

[Feedback / Suggestions](http://pic-microcontroller.com/project-list)
• Motion detection alarm using a PIR sensor module with a PIC12F635
• Wifi robot vehicle controlled by PIC16F628A
• 2 Digit up/down Counter using PIC16F628A
• VGA display using PIC18F452 microcontroller
• Experimenting with a thermistor using PIC16F1937
• A Digital temperature meter using an LM35 temperature sensor using PIC16F688
• Microcontroller based Diode and Bipolar Junction Transistor (BJT) tester using PIC16F688
• Wireless MultiMeter using PIC18F452 Microcontroller
• Digital Thermometer Using PIC16F688 microcontroller
• Propeller Clock Mechanically Scanned LED Clock using PIC16C84
• Line following robot using PIC16F84
• Electronic combination lock based on PIC16F684
• Make your own PIC Programmer using PIC12C508
• Programmer using PIC16F84 microcontroller
• Rs 232 Relay Control Board using PIC16F84A
• Microchip pic16f877 to FTDI USB interface
• Gear Clock using PIC16F676 Microcontroller
• Digital Oscilloscope using PIC16F688
• Build a digital clock with its digits levitating in the air using PIC16F84
• LC meter using PIC16F628A Microcontroller
• Home Automation and Safety via GSM Remote
• SMS Box project using PIC16F877A Microcontroller
• Tiny GSM alarm system using PIC16F84A
• Function Generator using PIC16F870 microcontroller
• OBD-II ELM327 compatible AllPro adapter using PIC18F2455
• Pickit 2 Download & Develop Your own USB pickit ii programmer
• How to interface Stepper Motor with PIC18F4550 Microcontroller
• RGB LED PWM Driver Standalone PWM controller for RGB LEDs using PIC12F629
• RGB LED Strip Controller high-side LED drive for PIC12F628
• 4 Channel DMX512 Driver for PIC16F1823
• 4-digit Up/Down counter with preset, reset, hold and overflow output using PIC16F88
• 5 LED CUBE Controller for PIC16F688
• Binary/bcd to 7-segment decoder for PIC16F627A
• 8 Channel PWM LED Chaser for PIC16F628A
• 8 Channel PWM Power MOSFET LED Chaser for PIC16F628A
• UFO round LED Chaser Kit for PIC16F628A
• UFO round LED Chaser with speed control for PIC16F628A
• PIC Microcontroller timer Video Project
- Frequency Counter using PIC16F877A Microcontroller
- Interfacing with UART of PIC microcontroller
- PIC18F452 UART code and Proteus Simulation
- PIC18F452 PWM Code and Proteus Simulation
- PIC12F675 LED blinking code and Proteus simulation
- Simple Digital Voltmeter (DVM) using PIC12F675 (Code+Proteus simulation)
- PIC12F675 PWM Code and Proteus Simulation
- Projects
- PIC12F675 based digital clock using LCD display (Code + Proteus simulation)
- PIC16F84A LED blinking code and Proteus simulation
- PIC16F84A PWM code and Proteus simulation
- PIC16F84A based simple calculator (Code+Proteus simulation)
- How to use PIC16F84A GPIO pin as input (Code + Proteus simulation)
- PIC16F84A LCD interfacing code (In 8bit mode) + Proteus simulation
- PIC16F84A based digital clock using LCD display (Code + Proteus simulation)
- PIC16F84A based simple calculator project
- PIC16F84A interrupt based software UART code and Proteus simulation
- PIC16F84A i2c (bit banging) code and Proteus simulation
- Interfacing of PIC12F675 with DS1307 (RTC) code and Proteus simulation
- PIC12F675 i2c (bit banging) code and Proteus simulation
- PIC12F675 interrupt based software UART code and Proteus simulation
- Interfacing of PIC16F877 with DS1307 (RTC) code and Proteus simulation
- PIC16F877 i2c (bit banging) code and Proteus simulation
- PIC16F877 interrupt based software UART code and Proteus simulation
- PIC16F877 ADC code and Proteus simulation
- Interfacing of PIC16F877 with (i2c based) 24LC64 EEPROM (Code + Proteus simulation)
- PIC16F877 internal EEPROM code and Proteus simulation
- How to interface keypad with PIC16F877
- PIC16F877 based digital clock using LCD display (Code+Proteus simulation)
- PIC16F877 LCD interfacing code (In 4bit mode) and Proteus simulation
- PIC16F877 UART code and Proteus simulation
- PIC16F877 based simple calculator project
- PIC16F877 up down counter code and Proteus simulation
- PIC16F877 stop watch code and Proteus simulation
- How to display text on 16×2 LCD using PIC18F4550
- LCD Projects, Projects
- How to interface GSM Module with PIC18F4550 Microcontroller
- How To – DIY – Projects, Internet – Ethernet – LAN Projects, Projects, Tutorials
- PIC16F877 based simple calculator project
- PIC12F675 based digital clock using LCD display (Code + Proteus simulation)
- PIC16F877 based digital clock using LCD display (Code+Proteus simulation)
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing(USB – RS232 – I2c -ISP) Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- LCD Projects, Projects
- 50MHz 7 segment frequency counter using PIC16F877A
  Posted in: Metering – Instrument Projects, Projects
- A Real Time Clock using PIC16F88 Microcontroller
  Posted in: Clock – Timer Projects, Projects
- How to drive an led display matrix using PIC16F877
  Posted in: How To – DIY – Projects, LED Projects, Projects
- The Annoy – A Tiny Intelligent Buzzer using PIC10F202
  Posted in: Projects, Sound – Audio Projects
- IR Proximity Motor Control using PIC18F4520
  Posted in: Motor Projects, Projects
- Mini PIC Dev Board using PIC18F452
  Posted in: Development Board – Kits Projects, Projects
- PICKit3 Programming With MPLABX
  Posted in: Microcontroller Programmer Projects, Projects
- RGB LED Controller using PIC18F452
  Posted in: LED Projects, Projects
- Making your own Digital Clock using PIC16F877
  Posted in: Clock – Timer Projects, How To – DIY – Projects, Projects
- 6 Digits LED 7-Segment Multiplexing using PIC16F627A
  Posted in: LED Projects, Projects
- A Simple Clock using DS1307 and PIC16F877A
  Posted in: Clock – Timer Projects, Projects
- Making a Digital Clock using PIC16F628A
  Posted in: Clock – Timer Projects, Projects
- PIC based UPS Schematic / Firmware / PCB Layout
  Posted in: Battery Projects, Blog, Projects, PWM Projects
- Weather station using PIC18F452 Microcontroller
  Posted in: CNC Machines Projects, Home Automation Projects, Projects
- PIC programmer using PIC16F84A Microcontroller
  Posted in: Microcontroller Programmer Projects, Projects
- Digital Watt meter using PIC16F876
  Posted in: Metering – Instrument Projects, Projects
- Stepper Motor Controller using PIC16C84
  Posted in: Motor Projects, Projects
- PIC Countdown Timer using PIC16F84a
  Posted in: Clock – Timer Projects, Projects
- Analog & Digital propeller clock using PIC16C84
  Posted in: Clock – Timer Projects, Projects
- WIRELESS REMOTE CONTROL for Raymarine ST4000 Autopilot using PIC16F628
  Posted in: Projects, Radio Projects
- DATA LOGGER measures and stores voltage using PIC16F876
  Posted in: Battery Projects, Metering – Instrument Projects, Projects
- Automatic School Bell
  Posted in: Electronics News and Updates, Home Automation Projects
- Servo Motor Control by using Microcontroller PIC16F877A
  Posted in: Motor Projects
- Simple manual control of stepper motors without a PIC or PC
  Posted in: Motor Projects
- Led matrix project using shift register and pic16f628a micro
  Posted in: LED Projects
- LDR Based Line follower Robot Car using PIC Microcontroller
  Posted in: Robotics – Automation Projects
- Electronic Voting Machine Using PIC Microcontroller
  Posted in: CNC Machines Projects
- LED blinking using timer0 of pic16f877 microcontroller
  Posted in: LED Projects
- Interfacing Camera with PIC Microcontroller via Matlab GUI
- Interfacing Dot Matrix led Display with PIC Microcontroller
  Posted in: LED Projects
- MCP4921 12 bit DAC interfacing with PIC16F877 microcontroller via SPI Connectivity
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Digital Voltmeter (0-50v) using PIC Microcontroller
  Posted in: Metering – Instrument Projects
- Interfacing DS1307 Real time clock with PIC16F877
- Interfacing external EEPROM with PIC Microcontroller
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Memory – Storage Projects
- Interfacing Internal EEPROM with PIC Microcontroller
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Memory – Storage Projects
- Automatic street light control by pic microcontroller
  Posted in: Home Automation Projects
- Interfacing Relay with PIC Microcontroller
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- PIC microcontroller based fastest finger press quiz buzzer project
  Posted in: Sound – Audio Projects
- Interfacing android with pic microcontroller via Bluetooth
  Posted in: Internet – Ethernet – LAN Projects
- Password controlled sliding door with SMS alert by pic Microcontroller
  Posted in: Home Automation Projects, Phone Projects, Security – Safety Projects
• Interfacing GSM module with PIC Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Servo motor control by Microcontroller PIC16F877 and MATLAB GUI Posted in: Motor Projects

• Interfacing Proteus with Matlab Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Interfacing GLCD with PIC16F877A Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Automated Railway Gate Controlled by PIC16F877A Posted in: Home Automation Projects

• Lm35 interfacing with pic 16f877 through adc0808 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Scrolling Text on LCD by PIC Microcontroller Posted in: LCD Projects

• Simple Project on LED blinking by PIC 16 Microcontroller using pic Microcontroller Posted in: LED Projects

• Switch Relay using pic-microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Interfacing with a Secure Digital (SD) card using pic-microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Heat Control System using pic-microcontroller Posted in: Sensor – Transducer – Detector Projects

• Driving a piezo speaker with a PIC using pic-microcontroller Posted in: Sound – Audio Projects

• SD-Card with CCS C Compiler using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects


• Line Follower Robot – Build it from scratch using pic microcontroller Posted in: Robotics – Automation Projects

• USB data logger project using pic-microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Remote-Control Light Dimmer using pic microcontroller Posted in: LED Projects

• CNC Controller Motion Schematics (Rev. D) using pic microcontroller Posted in: CNC Machines Projects

• Interfacing DS1307 RTC Chip with AVR Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• PIC Light Chaser Posted in: LED Projects

• The IDE Project Posted in: LCD Projects


• Blinking LED using PIC Microcontroller with Hi-Tech C Posted in: LED Projects


• Interfacing Relay with PIC Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• How to burn or program PIC Microcontroller? Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Circuit Digital Clock Using PIC16f628a Microcontroller Schematics Posted in: Clock – Timer Projects

• PicKit 2 clone The Universal Microchip PIC Programmer /Debugger Posted in: Microcontroller Programmer Projects

• 60MHz Frequency Meter / Counter using pic microcontroller Posted in: Metering – Instrument Projects

• Voltmeter Ammeter using pic microcontroller Posted in: Metering – Instrument Projects


• ESR Meter using pic microcontroller Posted in: Metering – Instrument Projects

• USB IO Board PIC18F2455 / PIC18F2550 using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• USB 0-500MHz RF Power Meter with AD8307 using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Metering – Instrument Projects

• How to drive a Dot Matrix LED Display, using pic microcontroller Posted in: How To – DIY – Projects, LED Projects

• How to make a computer controlled Robot Project Using PIC16F877A? using pic microcontroller Posted in: Robotics – Automation Projects

• How to Interface GSM Module SIM300 with PIC 16F628A Microcontroller for sending SMS and making Calls using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Water Level Indicator and Controller using PIC Microcontroller Posted in: Temperature Measurement Projects

• Disco Lights Project using pic microcontroller Posted in: LED Projects
• Digital Alarm Clock Schematic using pic microcontroller Posted in: Clock – Timer Projects
• Induction Heater with CM005 Microcontroller Posted in: Metering – Instrument Projects
• The Wooden Menace – A Mighty Robotic Arm Powered by Servos using pic microcontroller Posted in: Robotics – Automation Projects
• Spectrum analyzer based PIC18F4550 Posted in: LCD Projects
• Auto intensity control of street lights using pic microcontroller Posted in: Home Automation Projects
• OPEN-DESIGN CHARGE REGULATOR PROJECT Posted in: power – energy projects
• Computer-Controlled Light-Up Water Fountain Posted in: Robotics – Automation Projects
• Usbpicprog – A free and open source USB Microchip PIC programmer (Software and Hardware) for Linux, Windows e MAC Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• What is PIC Microcontroller Posted in: Compilers, News & Updates, Programmers, Projects, Tutorials
• Audio spectrum analyzer on PIC32 using pic microcontroller Posted in: Sound – Audio Projects
• Bluetooth Wireless Voltage Meter using PIC12F683 microcontroller Posted in: Metering – Instrument Projects, Projects
• Wooden LED clock using PIC16LF876A microcontroller Posted in: Clock – Timer Projects, LED Projects, Projects
• Traffic Light Controller using pic microcontroller Posted in: LED Projects
• JDM2 based PIC Programmer Posted in: Microcontroller Programmer Projects, Projects
• Reverse Engineering to Emulate Ink Cartridges for a Epson Printer using PIC18F Posted in: Other Projects, Projects
• An LED Dice using a PIC 16F84 (or 16F88) Posted in: LED Projects, Projects
• Minty JDM PIC Programmer using PIC18F4550 microcontroller Posted in: Microcontroller Programmer Projects, Projects
• Power Pic RGB with Infrared remote control using PIC12F675 Posted in: Internet – Ethernet – LAN Projects, Projects
• Pic RGB color generator using PIC12F629 Posted in: Game – Entertainment Projects, Projects
• Read analog values without an ADC using PIC12F675 microcontroller Posted in: Projects, Sensor – Transducer – Detector Projects
• An Easy to build & multifunctional counter with 7-Segment Led Display using PIC16F628 microcontroller Posted in: Other Projects, Projects
• PIC16F628 4 RGB LED PWM Controller Posted in: LED Projects, Projects, PWM Projects
• How to build your own PIC-Programmer using PIC12C50x Posted in: How To – DIY – Projects, Microcontroller Programmer Projects, Projects
• Pic-Plot2 GPIB to USB converter using PIC16F628 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• A PIC16F84A Alarm Clock Posted in: Clock – Timer Projects, Projects
• 1Hz Clock Generator using PIC12F675 Posted in: Clock – Timer Projects, Projects
• Ir On-Off using PIC12F629 microcontroller Posted in: Other Projects, Projects
• A DCF77 Clock with RS232 Interface using PIC16F84 Posted in: Clock – Timer Projects, Projects
• PIC 16F84 Serial Programmer Posted in: Microcontroller Programmer Projects, Projects
• The IR Widget Using pic12f629 Posted in: RTOS – OS Projects
• Blink a LED with Assembly Language & a PIC Posted in: LED Projects
• DIY remote control based on PIC16F628 Posted in: Home Automation Projects, How To – DIY – Projects, Projects
• Serial LCD Module using PIC16F88 Posted in: LCD Projects, Projects
• Revised version of the PIC12F microcontrollers breakout board Posted in: chipKIT Projects, Development Board – Kits Projects, Projects
• Interface a HD44780 Character LCD with a PIC Microcontroller Posted in: LCD Projects
• Breakout board for PIC16F1847 microcontroller Posted in: Development Board – Kits Projects, Projects
Dual 4-digit seven segment LED display with SPI interface using PIC12F

PIC Harmonic Distortion Meter

Automatic Charger Sharing for Motorcycle Battery Charger using PIC16F628A

Precision Delay Timer for PIC16F628A

Seven Segment Multiplexing using PIC18F4550 Microcontroller

Audio spectrum analyzer using PIC18F4550

Lift Counter using PIC12F629 Microcontroller

MUSIC BOX using PIC12F629 Microcontroller

SKY WRITER using PIC12F629 Microcontroller

SOLAR TRACKER-1 using PIC12F629 Microcontroller

Touch Switch using PIC12F629 Microcontroller

Echo MP3 player using PIC18LF452

Understanding ICSP for PIC Microcontrollers

Dual programmable keypad code lock using PIC18F452

Electronic door codelock with PIC

100KHz Square Wave generator using PIC16C84

Homemade Scope Clock DG7 tube and PIC16F876

MICROCONTROLLER BASED INTERFACE UNIT FOR 5KW MICROWAVE OVEN

Microcontroller Adc Project Circuit

Blink LED with XC8 compiler using external Oscillator

Harmonic Distortion Meter using PIC18F2550

Project Board using PIC18F2550 microcontroller

Autonomous Foosball Table

Temperature controlled fan using PIC 16F877A

Night Light Saver V3.2 using PIC12C508

Microcontroller measures heart rate through fingertip

Single Pic Micro single shot bi stable Relay

Design and Development of an Automated Home Control System Using Mobile Phone

PIC Controlled Relay Driver using PIC16F84A

AC power control with thyristor using pic microcontroller

Sending SMS Text Message using PIC Microcontroller – Flowcode

PC Based Digital Voltmeter Using PIC 16F877A

PIC 16F877 microcontroller based RPM Meter

Cell Phone Detector

Nokia 3315 / 3310 LCD interfacing with Microcontroller

Digital DC watt meter project using pic microcontroller

Picaxe LED night light

Digital Thermometer and Clock Project (Version 1.0)

Projects on Speed Checker To Detect Rash Driving On Highways

Generating PWM with PIC Microcontroller – MPLAB XC8

Alarm Clock Retrofit using PIC16F877
- How To Use PIC Microcontroller For Voice Input And Output
  Posted in: PWM Projects

- How to Generate Sound using PWM with PIC Microcontroller
  Posted in: Sound – Audio Projects

- LCD Module Control over IR Link using PIC16F690
  Posted in: LCD Projects, Projects

- How to Implement SPI Using PIC18F4550
  Posted in: How To – DIY – Projects

- Introducing the Science of Microchip PIC14
  Posted in: Other Projects, Projects

- The Super-Simple pocket size mp3 player using PIC16LF877A
  Posted in: Projects, Sound – Audio Projects

- Interfacing EM-18 RFID Module with PIC Microcontroller
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

- Microchip PIC16F877 to FTDI USB Interface

- PIC 16F877 / 16F874 Development Board
  Posted in: Development Board – Kits Projects, Projects

- PIC and EEPROM Programmer
  Posted in: Memory – Storage Projects, Microcontroller Programmer Projects, Projects

- Digital Clock using PIC Microcontroller and DS1307 RTC
  Posted in: Clock – Timer Projects

- Digital Voltmeter using PIC Microcontroller 16F877A and Seven Segments Display (0-30V)
  Posted in: Metering – Instrument Projects

- Universal High-Power LED Driver – Firmware update using PIC16F1823
  Posted in: LED Projects, Projects

- Android App Home Automation via Bluetooth Using PIC16F628A Microcontroller
  Posted in: Bluetooth Projects, Home Automation Projects

- Online Monitoring of Temperature of Conductors Using Zigbee and GSM
  Posted in: Temperature Measurement Projects

- 3 LED Bike Light for PIC10F200
  Posted in: Home Automation Projects, LED Projects, Projects

- How to Generate Sound using PWM with PIC Microcontroller
  Posted in: LED Projects

- Getting Started with MPLAB XC8 Compiler – LED Blinking
  Posted in: LED Projects

- PIC18F252 Programming
  Posted in: Microcontroller Programmer Projects

- Displaying Images on Graphical Lcd(JHD12864E) using Pic16f877 Microcontroller
  Posted in: LCD Projects

- 20 LED BADGE using PIC12F629 Microcontroller
  Posted in: LED Projects, Projects

- A memory game using a PIC16F84A microcontroller
  Posted in: Game – Entertainment Projects, Projects

- PIC16F877 LED blinking code and Proteus simulation
  Posted in: Game – Entertainment Projects, LED Projects, Projects

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

- 15×7 Display using a PIC16F628 Microcontroller
  Posted in: LED Projects, Projects

- How to display custom characters on LCD using PIC16F84A
  Posted in: LCD Projects, Projects

- PIC16F84A LCD interfacing code (In 4bit mode) and Proteus simulation

- PIC16c71 four channel digital voltmeter
  Posted in: Metering – Instrument Projects

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

- PIC12F675 external interrupt code and Proteus simulation

- How to interface keypad with PIC12F675

- Two way Simple Very Small Telephone Exchange
  Posted in: Phone Projects

- Voice controlled wheelchair
  Posted in: Sound – Audio Projects

- Arduino to PIC Communication using PIC18LF4520

- FTS-8 subtone encoder
  Posted in: Home Automation Projects

- dsPIC30F2012 breadboard
  Posted in: Development Board – Kits Projects, Projects

- Buck converter using pic microcontroller and IR2110
  Posted in: Other Projects

- Making a binary clock using a PIC16F88
  Posted in: Clock – Timer Projects, Projects

- A PIC16F819 DYMOCLOCK
  Posted in: LED Projects

- Using an LCD's for Graphics Animation using PIC16C84
  Posted in: LCD Projects, Projects

- USB and PIC Microprocessors 16C745 and 18F2455

- How to interface Seven Segment Display with PIC18F4550 Microcontroller
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Servo Motor Controller using PIC12F629  Posted in: Motor Projects, Projects
• Digital stopwatch using microcontroller  Posted in: Clock – Timer Projects
• Converting a Proxxon MF70 Milling Machine To CNC – 2 using PIC18F4620  Posted in: CNC Machines Projects, Projects
• Naked Clock using PIC16F877 Microcontroller  Posted in: Clock – Timer Projects, Projects
• NETWORK EQUIPMENT RESETTER using PIC16F628  Posted in: Internet – Ethernet – LAN Projects, Projects
• Tampered Energy Meter Monitoring Conveyed to Control Room by GSM with User Programmable Number Features  Posted in: Metering – Instrument Projects
• Vehicle Theft Control System by Using GSM and GPS Systems  Posted in: GPS Based Projects
• Digital DC Power supply using PWM with PIC microcontroller  Posted in: PWM Projects
• Home Automation and Security System using Microcontroller ATMEGA8 with Arduino Programming  Posted in: Home Automation Projects
• PIC16CXXX real time clock electronic project  Posted in: Clock – Timer Projects
• Interfacing GPS Receiver with 8051 Microcontroller -AT89C52  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• PWM DC Motor Speed Controller Circuit Using PIC16F877A Microcontroller  Posted in: Motor Projects
• Serial Controlled RGB LED PWM Driver PIC12F629 based PWM controller for RGB LEDs  Posted in: LED Projects, Projects, PWM Projects
• How to Build your Own USB PIC Programmer?  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Microchip PIC Serial Port Programmer  Posted in: Microcontroller Programmer Projects
• LM386 based stereo audio amplifier with digital volume control using PIC18F2550  Posted in: Projects, Sound – Audio Projects
• PIC 16F88 Microcontroller PIC based Tengu  Posted in: LED Projects
• Line following Robotic Vehicle using Microcontroller  Posted in: Robotics – Automation Projects
• Digital Clock Using Microcontroller 89C52/89S52  Posted in: Clock – Timer Projects
• How to interface RFID with PIC18F4550 Microcontroller  Posted in: How To – DIY – Projects, Projects, RFID – NFC Projects, Tutorials
• Strobe Lights Project  Posted in: LED Projects
• HD44780 16×2 Char LCD Interfacing with microcontroller  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects
• Interfacing 7-Segment Display With PIC Microcontroller – MikroC  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Password Based Circuit Breaker using PIC Microcontroller with C code  Posted in: Development Board – Kits Projects
• Speed Control of DC Motor using Microcontroller by using PWM ECE Project  Posted in: Motor Projects
• MOTION SENSOR USING PIR SENSOR MODULE WITH MICROCONTROLLER AND WITHOUT MICROCONTROLLER  Posted in: Sensor – Transducer – Detector Projects
• Top PIC Microcontroller Projects with Embedded C Programming  Posted in: Microcontroller Programmer Projects
• Digital Ammeter circuit using pic microcontroller  Posted in: Metering – Instrument Projects
• Solar energy measurement using pic microcontroller  Posted in: power – energy projects
• Pic Projects With Schematics And Source Code  Posted in: LCD Projects

Basic PIC circuit is not working Posted in: Development Board – Kits Projects

Speed Synchronization of Multiple Motors In Industries using PIC Microcontroller Posted in: Motor Projects

Fire Fighting Controlling Robots Used in Dangerous Situations Posted in: Robotics – Automation Projects

IO Controller with serial port CLI using PIC16F627A Posted in: Other Projects, Projects

Alarm Phone Dialer with MT8880 and PIC 16F84A Posted in: Phone Projects


PIC 12F675 Microcontroller Tutorial. Posted in: LED Projects


VCR Pong using PIC16C711 Microcontroller Posted in: Projects, Video – Camera – Imaging Projects

Getting started with PIC18F Microcontrollers Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects


Digital Clock using PIC Microcontroller Interrupt – XC8 Posted in: Clock – Timer Projects

Cooper Bills (csb88) and Anish Borkar (ab673) Posted in: LED Projects

PIC16F877A timer0 code + Proteus simulation Posted in: LED Projects

PIC microcontroller Beginner’s guide: Basic connection circuit Posted in: Development Board – Kits Projects

How to take input with PIC18F4550 Microcontroller Posted in: LED Projects, Projects

Low Resource Microcontroller – 3 Phase BLDC Motor Speed Controller Posted in: Motor Projects

Interfacing16X2 LCD with PIC Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

Video Clock Superimposer using PIC16C711 Posted in: Clock – Timer Projects, Projects

Digital Count Down Timer using PIC Microcontroller Posted in: Clock – Timer Projects

Voltage, Temperature & Frequency Meter With PIC microcontroller Posted in: Temperature Measurement Projects

2-Wire LCD Interface using PIC16C84 Posted in: LCD Projects, Projects


Temperature Indicator using PIC microcontroller Posted in: Temperature Measurement Projects


Easy Way to Design an Automatic Driverless Train Posted in: LED Projects

Microcontroller controlled Home Entertainment System Posted in: Home Automation Projects

Cheap PIC Programmer Posted in: LED Projects

RGB REMOTE (pinguino+web+linksys) using PIC18F2550 microcontroller Posted in: LED Projects, Projects

Shrieker using PIC16F676 Microcontroller Posted in: Projects, Sound – Audio Projects

Knight Rider Light computer – version 2 Posted in: LED Projects

Single-Axis PIC Controlled Solar Tracker DIY Kit using PIC18F1220 Posted in: Other Projects, Projects

A Beginner’s data logger project using PIC12F683 microcontroller Posted in: Sensor – Transducer – Detector Projects

Hard Drive Clock using PIC16F628 Posted in: Clock – Timer Projects, Projects

Pimp My Rocket (Espresso Machine) Posted in: Phone Projects

SUN TRACKER’S WINGS Posted in: Phone Projects
• A Self-Contained Data Logging Anemometer Posted in: Motor Projects
• DC Motor Speed Control using Microcontroller PIC-16F877A Posted in: Motor Projects
• Unipolar Stepper Motor Control Circuit with PIC16F877 Posted in: Motor Projects
• Tens Electronic Muscle Stimulation Device Circuit with PIC16F84 Posted in: Development Board – Kits Projects
• Text in the air with PIC16F84 Posted in: LED Projects
• PIC Microcontroller project – 24 hour clock and thermometer displayed via 16F960 microcontroller and LCD programmed in C Posted in: LCD Projects
• Digital thermometer with PIC16F84 circuit Posted in: Metering – Instrument Projects
• microcontroller based projects circuit free Posted in: Development Board – Kits Projects
• Fire Fighting Robotic Vehicle Posted in: Featured, Robotics – Automation Projects
• Microcontroller Tutorial 4/5: Creating a Microcontroller Circuit Board Posted in: Development Board – Kits Projects
• Microcontroller based Data Logger Posted in: LCD Projects
• Ponyprog Circuit for AVR & PIC16F84 Posted in: Development Board – Kits Projects
• Navigation Lights for Models for PIC12F629 Posted in: LED Projects, Projects
• Sonar range finder using PIC16F88 Microcontroller Posted in: Projects, Sensor – Transducer – Detector Projects
• Smart doorbell System Posted in: Home Automation Projects
• COFFEE POWER MANAGER using PIC16F628 Posted in: Featured, Home Automation Projects, Projects
• Tutorial: Building cool projects with MCUs (Part 3) Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• IR Digital Thermostat for FAN Posted in: Temperature Measurement Projects
• Schematic design with the PIC16F84A microcontroller Posted in: LED Projects
• Skateboard with PIC microcontroller and LEDs Posted in: LED Projects
• Breakout board for 18-pin PIC16F series microcontrollers Posted in: Development Board – Kits Projects
• Search Results for: Temperature Controlled Fan using 8051 Microcontroller … Posted in: Temperature Measurement Projects
• Interfacing Temperature Sensor with Microchip PIC16F876A Posted in: Sensor – Transducer – Detector Projects
• Development system for PIC and AVR microcontrollers Posted in: Development Board – Kits Projects, Microcontroller Programmer Projects
• PIC16F84A LED blinking code + Proteus simulation Posted in: LED Projects
• Scalextric Sport Race Start Controller using PIC16F627A Posted in: Car Projects, Game – Entertainment Projects, Projects
• How to Interface LCD with PIC16F877A Slicker Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects
• Simple Button Keypad – Microcontroller Posted in: Other Projects
• IR Tracking Turret with PIC and C Posted in: Other Projects
• PIC 3x3x3 LED cube Posted in: LED Projects
• PIC 16F917 Gyroscope interface Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Easy 16F84 Microcontroller Programmer – JDM Posted in: Microcontroller Programmer Projects
• Adapter for small size PIC/AVR chip programming Posted in: Microcontroller Programmer Projects
• How to get started with PICAXE 08M microcontroller Posted in: Other Projects
• LEDs sync to music (with pics of my awesome computer case mod) Posted in: LED Projects
• Garage car detector without a microcontroller Posted in: Car Projects
• PIC Microcontroller Volume Adjuster Program(Proteus 8 Stimulation) Posted in: Sound – Audio Projects
• DIY Muscle Sensor / EMG Circuit for a Microcontroller Posted in: Game – Entertainment Projects, Robotics – Automation Projects
• Development board for Attiny84 Microcontroller Posted in: Development Board – Kits Projects
• DIY $1 PIC 12F675 JDM Programmer (Cheap and Easy) Posted in: Development Board – Kits Projects
• Wave JT – Larson Scanner with Joule Thief Posted in: LED Projects
- Aurora 9×18 RGB LED art  
  Posted in: LED Projects
- PIC Development Board – Hello World Project  
  Posted in: Development Board – Kits Projects
- LED Character Moving English Font Display Project (8×16)  
  Posted in: LED Projects
- Interfacing DC Motor with PIC Microcontroller using L293D  
  Posted in: Motor Projects
- 30 volts Panel Volt Meter Using PIC MCU  
  Posted in: LED Projects
- Tiny AVR Microcontroller Runs on a Fruit Battery  
  Posted in: Battery Projects
- Breathalyzer circuit using 8051  
  Posted in: Other Projects
- IR-Sensor Circuit and Interfacing with PIC Microcontroller  
  Posted in: Sensor – Transducer – Detector Projects
- Password Based Door Lock System using 8051 Microcontroller  
  Posted in: LED Projects
- Breadboard module for 18-pin PIC16F microcontrollers (PCB version)  
  Posted in: How To – DIY – Projects, Projects
- Air Sampler using PIC16F690 microcontroller  
  Posted in: Medical – Health based Projects, Projects
- Digital Temperature Sensor Circuit  
  Posted in: LED Projects
- How to work with inbuilt ADC Module of PIC18F4550  
- PIC16F84A timer0 code and Proteus simulation  
  Posted in: Clock – Timer Projects, Projects
- Chapter 1: PIC16F887 Microcontroller – Device Overview  
  Posted in: Memory – Storage Projects
- PIC microcontroller power supply circuit by Chayapol  
  Posted in: Microcontroller Programmer Projects
- 8051 MICROCONTROLLER  
  Posted in: LED Projects
- Interfacing DC Motor with 8051 Microcontroller  
  Posted in: Motor Projects
- Latest Microcontroller Based Electronic Project Circuits in 2014  
  Posted in: Microcontroller Programmer Projects
- IN-8 single nixie tube clock using PIC16F84  
  Posted in: Clock – Timer Projects, Projects
- Know the Procedure of GSM modem Interfacing with 8051  
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- RFID Based Attendance System – Circuit, Working, Source Code  
  Posted in: LCD Projects
- Simple mass storage for your microcontroller project  
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Wireless controlled lightdimmer using PIC12F629  
- CELLPHONE OPERATED LAND ROVER  
  Posted in: Phone Projects
- TIC TAC TOE game using PIC16F628  
  Posted in: Game – Entertainment Projects, Projects
- Serial Data Received from PC and Displayed on 16×2 Using USART of Pic16f877 Microcontroller  
  Posted in: LCD Projects
- LED Scrolling Display Project Working With Circuit Diagram  
  Posted in: LED Projects
- Top Microcontroller based Mini Projects for 3rd and 4th Year Engineering Students  
  Posted in: Microcontroller Programmer Projects
- A new multi-function power supply unit for my Embedded Lab using PIC16F688  
  Posted in: How To – DIY – Projects, Projects
- Build a musical EKG with the Freescale FRDM-KL05  
  Posted in: Sound – Audio Projects
- Audio CRO using PIC12F675 Microcontroller  
  Posted in: Projects, Sound – Audio Projects
- Automotive Voltage Monitor using PIC12F883  
  Posted in: Battery Projects, Car Projects, Projects
- RS232 – Infra-Red Interface  
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Amicus18: Arduino-style platform for PIC fans using PIC18F25K20  
  Posted in: Development Board – Kits Projects, Projects
- Ultrasonic Range Finder Circuit AD605 PIC16F876  
  Posted in: Development Board – Kits Projects
- Infrared Remote Controlled (RC) Steerable Vibrobot Created by Naghi Sotoudeh  
  Posted in: Featured, Robotics – Automation Projects
- WHAT IS A PIC MICROCONTROLLER? WHAT CAN IT DO?  
  Posted in: LCD Projects
- Keypad 4×5 for microcontrollers v. 1.1 using PIC16F877  
  Posted in: Projects, RTOS – QS Projects
- Curiosity Development Kit Board  
  Posted in: Development Board – Kits Projects
- Frequency Counter by PIC16F628  
  Posted in: LCD Projects
- Electrical Subsystem Schematics  
  Posted in: Sensor – Transducer – Detector Projects
- chipKIT Tutorial 3: Analog-to-digital conversion  
  Posted in: chipKIT Projects, Development Board – Kits Projects
- chipKIT Tutorial 4: Interfacing a character LCD
- chipKIT Project 1: Digital thermometer using an LM34 sensor
- chipKIT Project 2: Temperature and relative humidity logger
- chipKIT Tutorial 5: Pulse width modulation (PWM)
- chipKIT Tutorial 6: Inter-Integrated Circuit (I2C) communication
- chipKIT Project 3: Easy Pulse Meter
- chipKIT Tutorial 2: Serial communication with PIC
- chipKIT Tutorial 1: Digital input and output
- On-Board Satellite Controller using ARM Based Microcontroller
- Universal Driver & Dev Board using PIC16F
- chipKIT Project 4: Digital light meter
- chipKIT Project 5: Digital stopwatch on seven segment LED display
- chipKIT Tutorial 7: Using Nokia 5110 LCD
- PIC16F1787 Programmer Board (for Almost all 40 pin 16Fxxx)
- Programmable Stiffness Joint using pic-microcontroller
- A digital thermometer or talk I2C to your atmel microcontroller using pic microcontroller
- Voice Activated Power Sockets (Home Automation)
- RGB LED PWM Driver for High Power 350mA LEDs using PIC12F629
- PIC 12F675 Programmable 12V Battery Monitor
- Determine capacitance by measuring the charging time using PIC16F688
- BATTERY CHARACTERIZER using PIC18F252
- Build this microcontroller controlled rainbow flying disc – and then throw it!
- How to display custom characters on LCD using PIC16F877
- PIC18 Development Board with Ethernet and USB
- Intel D945GCLF Small Front Panel using PIC12F629
- Picaxe Projects #1: Making Fast Printed Circuit Modules
- Microcontroller’s based Password Locker
- 3D Printed Microcontroller Dice Roller
- The perfect Remote, Programmable, Controller for interactive LED strips
- Circuit design and electronics using pic-microcontroller
- Electronic Heart (Flashing LEDs) – Mother’s Day Project
- Trippy RGB Color Mixing NightLight
- Mädchen Machen Technik using pic-microcontroller
- USB Reprogrammable iButton door lock
- PIC KICK TWEET!
- Computer-Controlled Light-Up Water Fountain using pic-microcontroller
- Pinguino Egypt – PIC Based Arduino
- Temperature and relative humidity display with adaptive brightness control using PIC12F683
- Gas Cooker & Water Purifier Using Free Energy
- 2-Channel IR Relay Controller for PIC10F200
- 00 to 99 minute timer using PIC16F628A microcontroller
• Circuit design and electronics using pic-microcontroller Posted in: Sound – Audio Projects
• Oscilloscope clock Posted in: Clock – Timer Projects
• make your own wearable LED display using pic-microcontroller Posted in: LED Projects
• 7 Segment LED display with PIC controller and Flowcode V5 Posted in: LED Projects
• Granular Flow Rotating Sphere using pic-microcontroller Posted in: Home Automation Projects
• USB digital GPIO I/O extender using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• DIY Datatlock! Posted in: Memory – Storage Projects
• Mini AV Test Box using pic microcontroller Posted in: Development Board – Kits Projects
• OSOMCOM POCSAG BTS using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Steam Turret Tank R/C PIC Servo Controller Posted in: Other Projects
• About the Temperature Sensor using pic microcontroller Posted in: Sensor – Transducer – Detector Projects, Temperature Measurement Projects
• SPI to 4 x UART Bridge (MULTIUART) Posted in: Internet – Ethernet – LAN Projects
• How to interface GPS with PIC18F4550 Microcontroller Posted in: GPS Based Projects, How To – DIY – Projects, Projects, Tutorials
• The Most Useless Machine EVER! Posted in: Video – Camera – Imaging Projects
• Expanding the number of I/O lines using Microchip MCP23008 using pic microcontroller Posted in: LED Projects
• Multimeter Clock Posted in: Clock – Timer Projects
• Connecting multiple tact switches on a single input pin of a microcontroller Posted in: LED Projects
• MikroElektronika’s “Ready for PIC” board talks to “Processing” using pic microcontroller Posted in: LED Projects
• Nixie Tube Ornament Posted in: power – energy projects
• GSM Voice Dailer with Automation Control using PIC18F46K20-J/PTPosted in: Home Automation Projects, Phone Projects, Projects
• Crossed IR Beam Camera/Flash Trigger Posted in: Video – Camera – Imaging Projects
• NES Controller iPod Remote Posted in: Development Board – Kits Projects
• Hacking the Xbox CONTROLLER Posted in: Game – Entertainment Projects
• Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors (Part 1) using pic microcontroller Posted in: Temperature Measurement Projects
• Joshua Marchi’s Lab Notebook using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Semi-Automatic NERF Longshot Posted in: Game – Entertainment Projects
• CSCI 255 Lab using pic-microcontroller Posted in: Home Automation Projects, Metering – Instrument Projects
• The ChromoDisk Posted in: LED Projects
• USB Keypad Demonstration – Crystal Free USB and mTouch™ Sensing Solutions using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Lucid Dream/Dream Recall Machine using infrared Posted in: LED Projects
• PIC MCUs: Hardware and Connections using pic-microcontrollerPosted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• eLab Hackerspace GSM Access Control System Posted in: Phone Projects
• CS2200 Intro to Systems and Networks using pic-microcontroller Posted in: Internet – Ethernet – LAN Projects
• Aurora 9×18 RGB LED art Posted in: LED Projects
• Towers of Hanoi Final report using pic-microcontroller Posted in: Development Board – Kits Projects
• RC5/RC6 codes on a LCD using PIC16F848A Posted in: LCD Projects, Projects
• Cheap Easy Solar Powered Robot Posted in: Robotics – Automation Projects
• Andy Robison’s Lab Notebook using pic microcontroller Posted in: LCD Projects

http://pic-microcontroller.com/project-list/
- Arduino controlled light dimmer  Posted in: LED Projects
- Data logging with an EEPROM  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Computer Controlled Star  Posted in: LED Projects
- Xbee Wireless Servo Control using PIC18LF4520  Posted in: Motor Projects, Projects
- How to Create an Eye Catching Display (LED Style)  Posted in: LED Projects
- Remote Control mood light [jar]  Posted in: LED Projects
- An “Antique Radio” Christmas Present  Posted in: LCD Projects
- Interactive LED Beer Pong Table 2.0 (BPT XS)  Posted in: LED Projects
- One-chip sound player  Posted in: Sound Projects
- Mirror “Tube” – LED Optical illusion  Posted in: LED Projects
- RGB LED Color Cycling Circuit  Posted in: LED Projects
- BlinkiLED  Posted in: LED Projects
- Leon’s Mini Random Number Generator (mRNG) using pic microcontroller  Posted in: LED Projects
- Vehicle security with GSM  Posted in: LCD Projects
- LED LYT Meter: LED, PIC Microcontroller, and Moving Average Code  Posted in: Metering – Instrument Projects
- Arduino solar charge controller + output control and data logging online with Xbee WiFi  Posted in: LCD Projects
- TTPSU – Power supply for turntables with AC motors  Posted in: LCD Projects
- Pimp my Pong  Posted in: Development Board – Kits Projects
- Microchip PIC16F877 Microcontroller  Posted in: LED Projects
- Cheap and Easy Dial Controlled High Power RGB LED(s) Driver  Posted in: LED Projects
- How to Create a Beer Bottle LED VU Meter  Posted in: LED Projects
- Serial LCD Controller  Posted in: LCD Projects
- Aurora 9×18 Kit  Posted in: LED Projects
- The Rocks  Posted in: Robotics – Automation Projects
- A PIC Ultrasonic distance meter project using a Seven Segment display and a PIC micro  Posted in: LCD Projects
- Echo Mp3 DIY Audio player using PIC18F46K20  Posted in: How To – DIY – Projects, Projects, Sound – Audio Projects
- The Glowing Green Robot  Posted in: Robotics – Automation Projects
- A PIC Serial LCD Project  Posted in: LCD Projects
- Making a mini LED Christmas tree  Posted in: LED Projects
- MIDI-Controlled Analog Music Synthesizer  Posted in: Sound – Audio Projects
- MIDI-Controlled Analog Music Synthesizer  Posted in: Sound – Audio Projects
- LED scrolling Christmas tree ornament with built in video game!  Posted in: LED Projects
- Emergency Excuse Generator using PIC16F690  Posted in: Other Projects, Projects
- TrH Meter: A DIY indoor thermometer plus hygrometer with adaptive brightness control implemented to 7-segment LED displays  Posted in: LCD Projects
- TrH Meter: A DIY indoor thermometer plus hygrometer with adaptive brightness control implemented to 7-segment LED displays  Posted in: LCD Projects
- Temperature and relative humidity display with adaptive brightness control  Posted in: LED Projects
- JavaBot1……….. A line following robot  Posted in: Robotics – Automation Projects
- Making a 8×40 LED matrix marquee using shift registers  Posted in: LED Projects
- C-52EVBRobot Controller  Posted in: Robotics – Automation Projects
- Generic Automotive Light Effect PIC/Arduino Modules  Posted in: LED Projects
- PIC MICROCONTROLLER PROJECTS AND LCD CIRCUITS  Posted in: LCD Projects
- F84 Miniature Real-Time Controller  Posted in: LED Projects
• PIC microcontroller led flasher circuit using PIC16F627A Posted in: LED Projects
• digital thermometer using pic microcontroller and MCP9700 Posted in: LCD Projects
• Emergency Vehicle LED Light Posted in: LED Projects
• WLoader – a 16f877 application loader using pic microcontroller Posted in: Microcontroller Programmer Projects
• DS18S20 interfacing with pic and avr microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• My New MIDI Merger uses 10 MIPS £1.00 PIC Microcontroller using PIC18F4320 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• Green house intelligent control system Posted in: Temperature Measurement Projects
• Test For Presence of Internal Oscillator Calibration Word for PIC12F629 Posted in: Clock – Timer Projects, LED Projects, Projects
• Real Time Clock (RTC) Interfacing PIC18F Posted in: Clock – Timer Projects
• Remote controlled LED lighting effects Posted in: LED Projects
• PIC32MX: Interfacing to a Secure Digital (SD) Flash Card Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Power MOSFET RGB LED PWM Driver for PIC12F683 Posted in: LED Projects, Projects, PWM Projects
• PIC Microcontroller Basics and Applications for Engineering Students Posted in: LCD Projects, LED Projects
• Top PIC Microcontroller Projects Ideas Posted in: Temperature Measurement Projects
• HC08 Fan Timer using pic microcontroller Posted in: Clock – Timer Projects
• LED FX using PIC12F629 Microcontroller Posted in: LED Projects, Projects
• PIC Waveform Recorder Posted in: LCD Projects
• Serial LCD project using PIC16F877A Microcontroller Posted in: LCD Projects, Projects
• Single-Axis PIC Controlled Solar Tracker DIY Kit Posted in: Sensor – Transducer – Detector Projects
• Stepper Motor Interface PIC16F Posted in: Motor Projects
• PIC Microcontroller Projects for Final Year Engineering Students Posted in: Microcontroller Programmer Projects
• F84-Programmer using pic microcontroller Posted in: Microcontroller Programmer Projects
• PCF8573P I2C Real Time ClockPosted in: Clock – Timer Projects
• PlayPIC – A Tutorial Board for the PIC16F84A Microcontroller Posted in: LCD Projects
• 5 transistor PIC programmer *Schematic added to step 9! Posted in: Microcontroller Programmer Projects
• How to build a speed detector for a coilgun project Posted in: Development Board – Kits Projects
• PIC Projects using pic microcontroller Posted in: LED Projects
• Application of Microcontroller in Science and Technology Posted in: Robotics – Automation Projects
• A pic programmer circuit based on AN589 Posted in: Microcontroller Programmer Projects, Projects
• The chipKIT™ UNO32™ and MAX32™ development boards for the Arduino™ Community Posted in: chipKIT Projects, Development Board – Kits Projects
• My New MIDI Merger uses 10 MIPS £1.00 PIC Microcontroller! Posted in: Microcontroller Programmer Projects
• TTL to RS232 Signal Conversion Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Easy Debugging Terminal using pic microcontroller Posted in: LCD Projects
• Microdot – wrist watch LED pattern timepiece using PIC16F8 microcontroller Posted in: Development Board – Kits Projects, LED Projects, Projects
• Speed control of DC motor by PWM in Proteus simulation Posted in: Motor Projects
• The PIC Elmer 160 Project Board using PIC16F628 Posted in: Development Board – Kits Projects, Projects
• A complete guide for LED Blinking Posted in: LED Projects
• Lab 2: Basic digital input and output Posted in: LED Projects
• pic microcontroller projects pdf Posted in: Microcontroller Programmer Projects
• martin lightjockey 2 free Posted in: LED Projects
• Universal Serial Infrared Receiver using PIC16F88 Posted in: Internet – Ethernet – LAN Projects, Projects
• Solar Tracking System Posted in: LED Projects, Motor Projects
• Zeus: trigger your camera with lightning using pic microcontroller Posted in: Video – Camera – Imaging Projects
• FM RDS Tuner Module for mobile applications using PIC18F46k20 Posted in: Phone Projects, Projects, Radio Projects
• Top Embedded Projects Ideas for Engineering Students Posted in: Other Projects
• Low power temperature data logger using PIC18F27J63 Posted in: Projects, Temperature Measurement Projects
• Photomultiplier Tube (PMT) Controller Circuit B using pic-microcontroller board Posted in: Video – Camera – Imaging Projects
• Serial communication with Pic 16f877 using UART Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Interfacing VFD with PIC Microcontroller Posted in: LCD Projects
• Interfacing VFD with PIC Microcontroller Posted in: LCD Projects
• LED Sign has a purpose! using pic microcontroller Posted in: LED Projects
• Infra red remote control tester for Philips RC5 protocol Posted in: LED Projects
• MRNet — Wired Cab Module (Revision A) using pic microcontroller Posted in: LED Projects
• PIC Microcontroller project – 24 hour clock and thermometer displayed via 16f690 microcontroller and LCD programmed in C Posted in: LCD Projects
• Alchemist Forseti APD15A RC Integrated amplifier Posted in: Sound – Audio Projects
• Repair of Arcam CD73 laser mechanism Posted in: Video – Camera – Imaging Projects
• eDrum – Trigger MIDI Converter using PIC16F877 Posted in: Projects, Sound – Audio Projects
• Marantz CD63SE laser transport mechanism replacement Posted in: Video – Camera – Imaging Projects
• PIC16F877 Development Board v. 1.2 Posted in: Development Board – Kits Projects, Projects
• How to set up your B&W Zeppelin Air Posted in: Sound – Audio Projects
• Electronic Quiz Buzzer Circuit Diagram using PIC Microcontroller Posted in: LED Projects
• Circuit-Zone.com – Electronic Projects Posted in: LED Projects
• In-Circuit debugger, created by E.E. Atanasios Melimopoulos using PIC16F628 microcontroller Posted in: PWM Projects
• Circuit-Zone.com – Electronic Projects Posted in: LED Projects
• PIC Microcontroller Architecture and Applications Posted in: Microcontroller Programmer Projects
• Electronic Distance Meter using pic microcontroller Posted in: LCD Projects, Metering – Instrument Projects
• Automatic Temperature Control System using PIC Microcontroller – XC8 Posted in: Temperature Measurement Projects
• A simple programmer for PIC microcontrollers Posted in: Microcontroller Programmer Projects
• PIC – First Project Posted in: Other Projects
• Microchip – Let my robot see! using pic microcontroller Posted in: Robotics – Automation Projects
• Self-made development board for the 32-bit PIC32MX220F032B Microcontroller Posted in: Development Board – Kits Projects
• Low cost temperature data logger using PIC and Processing Posted in: Temperature Measurement Projects
• GPS-based universal clock generator using PIC16F628 Posted in: Clock – Timer Projects, GPS Based Projects, Projects
• Obstacle Sensing Walking Stick for Visually Impaired Persons : Block Diagram Posted in: Sensor – Transducer – Detector Projects
• Interfacing 16X2 LCD with PIC Microcontroller Posted in: LCD Projects
• Automatic door lock system using 8051(89c51,89c52) microcontroller Posted in: Home Automation Projects
• DIY MIDI controllers using PIC microcontrollers and Basic Stamps using pic microcontroller Posted in: How To – DIY – Projects
• Very Accurate LC Meter based on PIC16F628A Posted in: LCD Projects, Metering – Instrument Projects
• EMDP1 — Extensible Multiple Device Programmer 1 (Rev. C) using pic microcontroller Posted in: Microcontroller Programmer Projects
• 10 tricks for interfacing to the PIC16C508 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects
• Automatic door opener with PIC12C508 Circuit Posted in: Home Automation Projects
• DS18S20 Dual Temperature Meter using pic microcontroller Posted in: Metering – Instrument Projects, Temperature Measurement Projects
• The Saltwater etch process using PIC16F54 microcontroller Posted in: Other Projects, Projects
• A discussion on the drive-current for the outputs of a PIC12C508A microcontroller Posted in: Battery Projects, Interfacing(USB – RS232 – I2c -ISP) Projects
• Led Display Boards InBulk using pic microcontroller Posted in: LED Projects
• Localizer with SIM908 module using PIC18LF6722 Posted in: GPS Based Projects, Phone Projects, Projects
• First Servomotor Control Program Posted in: Motor Projects
• A PIC frequency counter operating up to about 50 MHz. using pic microcontroller Posted in: Calculator Projects
• A simple spectrum analyzer using dsPIC30F4011 Posted in: Projects, Sound – Audio Projects
• How to drive an rgb led using three microcontroller pins. using pic microcontroller Posted in: LED Projects
• Night Light Saver V3.2 (PIC12C508) Posted in: LED Projects
• Schematics and C code for a 0-5V PIC LCD Volt Meter. using pic microcontroller Posted in: LCD Projects, Metering – Instrument Projects
• Making a binary clock using a PIC Microcontroller Posted in: Clock – Timer Projects
• Relay Timer with PIC16F628 Posted in: Clock – Timer Projects, LCD Projects
• Rotary Encoders Posted in: LED Projects, Motor Projects
• 12F675 Tutorial 5 - A Temperature data logger using PIC EEPROM. using pic microcontroller Posted in: Temperature Measurement Projects
• Intelligent Fan Controller. Part 1 – Schematic using pic microcontroller Posted in: Temperature Measurement Projects
• Multiple Servomotors Posted in: Motor Projects
• Thermometer with PIC Microcontroller Posted in: Metering – Instrument Projects
• Extend I/O Ports using PIC Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Project Ryu Lagger Guitar Pedal Take 3 using pic microcontroller Posted in: Sound – Audio Projects
• Create Musical Tone using PIC Code Posted in: Sound – Audio Projects
• Connect Ethernet controller with PIC Code Posted in: Internet – Ethernet – LAN Projects
• TechBot line following robot using PIC16F84 Posted in: Projects, Robotics – Automation Projects
• GSM Based Versatile Robotic Vehicle Using PIC Microcontroller Posted in: Robotics – Automation Projects
• Connect USB HID with PIC18F4450 Code Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Connect Memory Card using PIC18F4520 Code Posted in: Memory – Storage Projects
• PIC Evaluation/Development Board Implementation using pic microcontroller Posted in: Development Board – Kits Projects
• The One Chip Spinning RGB POV Display with conversion software using PIC18f4680 microcontroller Posted in: Other Projects, Projects
• Digital DCF77 clock with LCD and gong using PIC16F628A Posted in: Clock – Timer Projects, Home Automation Projects, LCD Projects, Projects
• Connect I²C with PIC Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• USB & GLCD expansion board for 8051SBC using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• LED Persistence of Vision Display Posted in: LED Projects
• PIC18F2550 Project Board using pic microcontroller Posted in: Development Board – Kits Projects
• Discolight effect with bass beat control using PIC16F84A Posted in: LED Projects
• How to configure EUSART in PIC18F4550 Posted in: How To – DIY – Projects, Projects, Tutorials
• 8 Channel IR Remote Control Posted in: Home Automation Projects
• Serial Data Logger with PIC microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Stepper Motor Driver using PIC18F4550 Microcontroller Posted in: Motor Projects
• A DDS Module based on the AD9835 using PIC16F84 Posted in: Other Projects, Projects
• Stepper Motor Speed Control with PIC18F4550 Posted in: Motor Projects
• Infrared IR Sensor Interface with PIC18F4550 Microcontroller Posted in: Sensor – Transducer – Detector Projects
• USB Interface Board Tutorial Using PIC18F4550 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• RC Servo Switcher using pic microcontroller Posted in: Robotics – Automation Projects
• PIC18F2550 : Blink LED using XC8 Compiler Posted in: LED Projects
• PIC16F628 4 RGB LED PWM Controller using pic microcontroller Posted in: LED Projects
• The Ultra-QP An Ultrasound QSO Party Rig Fun & Educational! Posted in: Game – Entertainment Projects
• Q-matic Circuit Application of PIC16F877 Microcontroller Posted in: LED Projects
• Gen 3.2 PCS Board Design Posted in: Development Board – Kits Projects
• Microcontroller Controlled Metal Detector Projects Posted in: LCD Projects
• PIC16F84 Evaluation Board Posted in: Development Board – Kits Projects, Projects
• Seven Segment Display Thermometer with PIC Microcontroller Posted in: Metering – Instrument Projects
• Music player built on microcontroller AT91SAM7S256 with ARM core Posted in: Sound – Audio Projects
• Build a digital spirit level using a SCA610 accelerometer using PIC16F684 Posted in: Metering – Instrument Projects, Projects
• Introducing PIC Microcontroller projects Posted in: Microcontroller Programmer Projects
• Countdown Timer using PIC16F690 microcontroller Posted in: Clock – Timer Projects, Projects
• NJM2035 – HI-FI Stereo Encoder / Multiplexer using pic microcontroller Posted in: Sound – Audio Projects
• PIC based WWVB clock Posted in: Clock – Timer Projects
• Rainbow LED Chaser Posted in: LED Projects
• Night Light Saver V3.2 (PIC12C508) Posted in: Home Automation Projects
• Building your own Simple Laser Projector using the Microchip PIC12F683 Microcontroller Posted in: Other Projects
• C-52EVB Robot Controller Posted in: Robotics – Automation Projects
• Real Time Clock Circuit using Microcontroller Posted in: Clock – Timer Projects
• Connect CAN-SPI with PIC Controller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Connect CAN Protocol with PIC Posted in: Internet – Ethernet – LAN Projects
• Connect ADC with PIC16F877 Posted in: Metering – Instrument Projects
• Connect ADC with PIC16F877 Posted in: Metering – Instrument Projects
• PIC microcontroller development board using pic microcontroller Posted in: Development Board – Kits Projects
• Door lock opener Posted in: Home Automation Projects, LED Projects
• How-to: USB remote control receiver using pic microcontroller Posted in: How To – DIY – Projects, Interfacing(USB – RS232 – I2c -ISP) Projects
• Servomotor-based mobile robot control Posted in: Motor Projects, Robotics – Automation Projects
• Right-left scrolling LEDs Posted in: LED Projects
• PICMicro Programmer with the “ElCheapo” using PIC16F84 Posted in: Microcontroller Programmer Projects, Projects
• DMM Piggyback (add RS-232) using PIC16F688 microcontroller Posted in: Other Projects, Projects
• Tejas Kulkarni’s Lab Notebook using pic microcontroller Posted in: Video – Camera – Imaging Projects
• PIC12F675 Microcontroller Based Security Alarm Circuit Posted in: Security – Safety Projects
• SD Memory Card Interface using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Memory – Storage Projects
• Connect to the PIC Microcontroller Posted in: Development Board – Kits Projects
• Aurora mini 18 using PIC24FV16KA302 microcontroller Posted in: Other Projects, Projects
• 01/atch using PIC16F913 microcontroller Posted in: Projects
• construction of personal Radar System using PIC Microcontroller PIC18F452 Posted in: Sensor – Transducer – Detector Projects
• PIC16F877 LCD code and Proteus simulation Posted in: LCD Projects, Projects
• Connect Flash Card with PIC18F4520 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Aurora 9 bar – The Essence of Aurora using PIC24F08KA microcontroller Posted in: Game – Entertainment Projects, LED Projects, Projects
• Converting a Proxxon MF70 Milling Machine To CNC – 4 using PIC24FJ64GB002 Posted in: CNC Machines Projects, Projects
• 1-Chip 4-Channel PIC16F886 Data Logger Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Car Anti theft System Project using Microcontroller PIC16F73 Posted in: Car Projects
• Car Anti theft System Project using Microcontroller PIC16F73 Posted in: Car Projects, Security – Safety Projects
• How to interface LCD with PIC18F4550 Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects, Projects
• A Cheap Ultrasonic Range Finder Posted in: LCD Projects
• How to use PIC16F84A pin as input (Code+Proteus simulation) Posted in: Other Projects, Projects
• PIC Frequency Counter with Frequency Lock function Posted in: Home Automation Projects
• Small Virtual Wall for iRobot Roomba using PIC12F628 Posted in: Projects, Robotics – Automation Projects
• picLink RS232 low cost development controller with ADC using PIC16F628A Posted in: Other Projects, Projects
• 8×8 LED Array Multiplexed Infinity Mirror using PIC18F1320 Posted in: LED Projects, Projects
• embedded microchip Posted in: Other Projects
• Minidot 2 – The holoclock using PIC16F88 microcontroller Posted in: Clock – Timer Projects, Game – Entertainment Projects, Projects
• Ways to Select a Best Microcontroller for Microcontroller based Projects Posted in: Memory – Storage Projects
• 8×8 LED Array Multiplexed Infinity Mirror using PIC18F1320 microcontroller Posted in: LED Projects, Projects
• Computer controlled infrared transmitter based on PIC Posted in: Metering – Instrument Projects
• Object Detecting Android Mobile Phone Controlled Bluetooth Robot Using PIC Microcontroller 16F877A Posted in: Bluetooth Projects, Robotics – Automation Projects
• Sine Triangle Square Saw Burst Sweep Noise – runs on a PIC16F870 Posted in: Metering – Instrument Projects
• Time Display unit for a GPS module using pic microcontroller Posted in: Clock – Timer Projects, GPS Based Projects
• High res cap meter with PIC 16F628 Posted in: Metering – Instrument Projects
• How to use Timers in PIC18F4550 Microcontroller Posted in: Clock – Timer Projects, Projects
• A pic programmer circuit based on AN589. using pic microcontroller Posted in: Microcontroller Programmer Projects
• PIC16C54 dual dice electronic project circuit Posted in: Development Board – Kits Projects
• Aurora 9×18 RGB LED art using PIC24F08KA101 microcontroller Posted in: LED Projects, Projects, PWM Projects
• POV Toy Posted in: Game – Entertainment Projects
• **A discussion on the drive-current for the outputs of a PIC12C508A microcontroller** Posted in: [LED Projects](#)
• **Interfacing of PIC16F84A with DS1307 (RTC) code and Proteus simulation** Posted in: [Interfacing(USB – RS232 – I2c -ISP) Projects](#), [Projects](#)
• **Project on making calculator using PIC16F877 and Mikroc C Pro** Posted in: [Calculator Projects](#)
• **DIGITAL CLOCK CIRCUITS** Posted in: [Clock – Timer Projects](#)
• **Teddy nightlight multicolor using PIC16F84A microcontroller** Posted in: [Game – Entertainment Projects](#), [Home Automation Projects](#), [LED Projects](#), [Projects](#)
• **“Mini-Beacon” miniature programmable LED Flasher that is based around a PIC12F629 microcontroller** Posted in: [LED Projects](#)
• **Keypad scanning and interfacing with PIC16F877 microcontroller** Posted in: [Security – Safety Projects](#)
• **One PIC Microcontroller Platform Development Board** Posted in: [Development Board – Kits Projects](#)
• **PIC16F877 ISA Ethernet Web Server Project** Posted in: [Internet – Ethernet – LAN Projects](#)
• **How to adapt a NES clone controller to bluetooth using PIC12F675** Posted in: [Internet – Ethernet – LAN Projects](#), [Projects](#)
• **Four way traffic light signal using PIC16F84A microcontroller** Posted in: [LED Projects](#)
• **RS232 Communication with PIC Microcontroller** Posted in: [Interfacing(USB – RS232 – I2c -ISP) Projects](#), [Projects](#)
• **Implementation USB into microcontroller: IgorPlug-USB (AVR) using pic microcontroller** Posted in: [Interfacing(USB – RS232 – I2c -ISP) Projects](#)
• **Interfacing 7 segment display with pic16f877 microcontroller** Posted in: [LED Projects](#)
• **A Real Time Clock IC (DS1307) project using the PIC micro.** Posted in: [Clock – Timer Projects](#)
• **Prometheus/Pandora’s Box using PIC12C508 microcontroller** Posted in: [Other Projects](#), [Projects](#), [Radio Projects](#)
• **PIC based WWVB clock** Posted in: [Clock – Timer Projects](#)
• **Reading Nintendo 64 controller with PIC microcontroller** Posted in: [Interfacing(USB – RS232 – I2c -ISP) Projects](#)
• **New Earth Time digital clock in recycled retro-modern case using PIC16F627A** Posted in: [Clock – Timer Projects](#)
• **LED Matrix Backpack** Posted in: [LED Projects](#)
• **Interfacing of PIC16F84A with (i2c based) 24LC64 EEPROM (Code + Proteus simulation)** Posted in: [Interfacing(USB – RS232 – I2c -ISP) Projects](#), [Projects](#), [Memory – Storage Projects](#), [Projects](#)
• **GSM based Control System by pic microcontroller** Posted in: [Internet – Ethernet – LAN Projects](#)
• **MintLite Part I** Posted in: [Home Automation Projects](#)
• **PIC Controlled Relay Driver using pic microcontroller** Posted in: [Other Projects](#)
• **Interfacing with The Energy Detective using pic microcontroller** Posted in: [Interfacing(USB – RS232 – I2c -ISP) Projects](#)
• **Water Filter Controller** Posted in: [Home Automation Projects](#)
• **How to interpret the direction of rotation from a digital rotary switch with a PIC using PIC16F877A** Posted in: [How To – DIY – Projects](#), [Projects](#)
• **Iron in the Fire II** Posted in: [Battery Projects](#)
• **LED Sensors** Posted in: [LED Projects](#), [Sensor – Transducer – Detector Projects](#)
• **Rotary dialer PIC interface using PIC16F877** Posted in: [Interfacing(USB – RS232 – I2c -ISP) Projects](#), [Phone Projects](#), [Projects](#)
• **Contactless Digital Tachometer using PIC Microcontroller** Posted in: [Security – Safety Projects](#)
• **PIC Industrial and Domestic Timer (Relay Controller)** Posted in: [Clock – Timer Projects](#)
• **Aurora 48 – 48 RGB LED Sequencer** Posted in: [LED Projects](#)
• **ISD2560 Voice Recording Playback Project PIC16F84 Controlled** Posted in: [Sound – Audio Projects](#)
• **True USB GQ-4X Programmer using pic microcontroller** Posted in: [Microcontroller Programmer Projects](#)
• **Mini F1 race track Grid Start Lights using PIC12F627A** Posted in: [Game – Entertainment Projects](#), [Projects](#)
• **DIY plug-in modules to make microcontroller breadboarding easier** Posted in: [Development Board – Kits Projects](#)
• **A remote controlled power RGB LED mood light using PIC16F627A** Posted in: [Game – Entertainment Projects](#), [Home Automation Projects](#), [LED Projects](#), [Projects](#)
- **Low cost OLED module interface using PIC18F452** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects
- **Microcontroller with single LED Project in Proteus** Posted in: LED Projects
- **Aurora 9 bar – The Essence of Aurora using PIC24F08KA101** Posted in: LED Projects, Projects
- **PIC16F84 Introduction** Posted in: Microcontroller Programmer Projects
- **IRMimic™ Trainable IR Remote Control Transmitter using pic microcontroller** Posted in: Other Projects
- **LED Strobe for PIC12F629 / 675** Posted in: LED Projects
- **Whac-a-Veggie using PIC18F4550 microcontroller** Posted in: Development Board – Kits Projects, Game – Entertainment Projects, Projects
- **DC motor control with Joystick and PIC16F877A** Posted in: Motor Projects
- **A Word Clock using PIC16F877 microcontroller** Posted in: Clock – Timer Projects, Projects
- **Ways you can use the DDS Daughtercard** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- **Misc Projects : High Power RGB LED Controller** Posted in: LED Projects
- **Nike+iPod reverse engineering (protocol too) using pic microcontroller** Posted in: Sensor – Transducer – Detector Projects
- **Augustus’s Lab Notebook using pic microcontroller** Posted in: LCD Projects
- **Throbbing Apple Logo Sticker using PIC10F206 microcontroller** Posted in: Battery Projects, LED Projects, PWM Projects
- **Programmable watch with four character display using PIC16F628A microcontroller** Posted in: LED Projects, Microcontroller Programmer Projects, Projects
- **IR(infrared) Remote Control Relay Board with PIC 12F675 Microcontroller** Posted in: Home Automation Projects
- **PIC’ing the MAX5581: Interfacing a PIC Microcontroller with the MAX5581 Fast-Settling DAC** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- **LED fireflies prototype using PIC12f683 microcontroller** Posted in: LED Projects, Projects
- **RGB LED PWM Driver for High Power 350mA LEDs V3 using PIC12F629** Posted in: LED Projects, Projects, PWM Projects
- **Open Automaton Project** Posted in: Robotics – Automation Projects
- **Building the Mongoose Mechatronics Robot: Part 1 Chassis & Gearbox using PIC18F2525** Posted in: Projects, Robotics – Automation Projects
- **STEAM GENERATOR using PIC16F873** Posted in: Home Automation Projects, Projects
- **Introduction to the PIC32 using pic-microcontroller** Posted in: Video – Camera – Imaging Projects
- **PIC16C74 Embedded 10BaseT Ethernet CS8900** Posted in: Internet – Ethernet – LAN Projects
- **Experimenters’ board for enhanced mid-range PIC microcontrollers (PIC16F1827 and PIC16F1847)** Posted in: Development Board – Kits Projects, Projects
- **4 Channel DMX512 Driver for PIC16F688** Posted in: Development Board – Kits Projects
- **Very Accurate LC Meter based on PIC16F628A using pic microcontroller** Posted in: Metering – Instrument Projects
- **Interface single and Dual IR Infrared sensor with PIC18F4550 and LCD** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects, Sensor – Transducer – Detector Projects
- **Daft Punk Table Replica Graphics Controller using PIC18F2550** Posted in: Other Projects, Projects
- **Frankenbear Synthamajig using PIC16F877 microcontroller** Posted in: Game – Entertainment Projects, Projects
- **MEASURING HEART RATE USING A PHOTOPLETHYSMOGRAPHIC CARDIOTACHOMETER using pic-microcontroller** Posted in: Medical – Health based Projects
- Using Fixed Voltage Reference (FVR) for A/D conversion in enhanced mid-range PIC microcontrollers
- PIC18F4550 Tutorial: Blinking an LED
- PIC18F4550 Tutorial: Blink LED – 2
- A modified version of the “Air display” adapted to be used in a bicycle using PIC12F629 microcontroller
- Stepper Motor Driver using PIC18F4550 Microcontroller
- Schaer+ Programmer using PIC12F629 microcontroller
- USB Interface Demo Board Using PIC18F4550
- In circuit serial programmer for PIC16F87X
- USocket – USB controlled Socket with PIC18F4550
- BOOTLOAD THE PIC18F4550 – FIRMWARE UPDATING
- Temperature Recorder using PIC12F683 microcontroller
- 3-Switch Mini IR Remote Control for PIC10F200
- C# Software and Firmware, USB INTERFACE BOARD
- PIC18F4550 – LCD display jhd162a (2×16) Interface
- PIC16C63 Midi controlled Light dimmer
- LED-Guided Piano Instruction using pic microcontroller
- automatic power factor controller using microcontroller
- Picaxe Blending Nightlight using pic12f683
- lc meter capacimeter inductimeter circuit pic 16f84 auto range lc meter
- Introducing the BOLT PIC18F2550 Microcontroller Board using pic microcontroller
- Mork Microchip PIC32MX ICSP
- Water Wave/Tide/Level Meter 2.0 using PIC16F88
- Fun with Voltage Regulators
- Rotating Sprocket Wheel Generator using PIC16F84
- PIC Based Oscilloscope Clock
- Lab 3: Four bit binary counter using PIC16F688
- How to Program a PIC Microcontroller & Read an Encoder
- PIC16F688 breadboard module for quick prototyping
- Building the Inchworm LCD2 PIC Programmer / Debugger
- 2-wire LCD interface using PIC16CF84
- PIC 16F917 Microcontroller Programmer
- The Talking Breathalyzer Mark II using PIC18F1220
- Ide To Usb Converter Circuit Diagram
- Alarm Clock using PIC16F74 microcontroller
- Balanced Line Attenuator
- Hello World Project With PIC Microcontroller – Part II
- 3-Channel IR Relay Controller with user programmable IR commands for PIC12F629
- Two-Channel PC Based Oscilloscope USB

http://pic-microcontroller.com/project-list/
• PIC microcontroller ATA library  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Cheap PIC Programmer using PIC16F84 microcontroller  Posted in: Microcontroller Programmer Projects, Projects
• Using Digole 12864ZW LCD with PIC18F  Posted in: LCD Projects
• USB Audio Streamer A Microchip USB sound card  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Sound – Audio Projects
• Quozi’s Alarm Clock using PIC16F877  Posted in: Clock – Timer Projects, Projects
• Simplest Temperature Data Logger using PIC12F683  Posted in: Projects, Temperature Measurement Projects
• PIC12F1840 + I2C 24FC1025 EEPROM  Posted in: Memory – Storage Projects
• PIC 16F917 Gyroscope interface  Posted in: Microcontroller Programmer Projects
• internetworking with microchip microcontroller pic18f+enc28j60  Posted in: Microcontroller Programmer Projects
• Microprocessors Garland  Posted in: LED Projects
• Motion Activated Led Dice using PIC16F688  Posted in: LED Projects, Projects
• Car battery charger with PIC12F683  Posted in: Battery Projects
• 9 Volt Battery Charger  Posted in: Battery Projects
• LED dot matrix scrolling message – 14×5 – source code  Posted in: LED Projects
• Mechanically scanned laser display using PIC17F877  Posted in: LCD Projects, Projects
• Max the Spider – powered by LEGO and PIC microcontroller  Posted in: Game – Entertainment Projects
• Pic 16F676 ICSP programing socket for the PICkit 2 programer  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Microcontroller Programmer Projects
• How to make a ‘Propeller Display’ using PIC microcontroller  Posted in: Development Board – Kits Projects
• Poor man’s counter using PIC16F84 microcontroller  Posted in: Other Projects, Projects
• PIC Game System  Posted in: Game – Entertainment Projects
• Pulsing Hubby Detector using PIC12F683 microcontroller  Posted in: LED Projects, Projects
• Interfacing the AT keyboard  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Building the PIC16F84 based game system  Posted in: Game – Entertainment Projects
• Chronograph for Air Cannon using PIC16F628A microcontroller  Posted in: Other Projects, Projects
• PIC-Tetris  Posted in: Game – Entertainment Projects
• Low cost temperature data logger using PIC and Processing using PIC12F1822  Posted in: Projects, Temperature Measurement Projects
• SX Game System  Posted in: Game – Entertainment Projects
• Microchip PIC Microcontrollers  Posted in: Development Board – Kits Projects
• SX-Tetris  Posted in: Game – Entertainment Projects
• Leaving home light using PIC12F675 Microcontroller  Posted in: Home Automation Projects, Projects
• SX-Pong  Posted in: Game – Entertainment Projects
• Displaying text on LCD by interfaced with PIC16F877 microcontroller in 4 bit mode  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects
• Build yourself flashing message on PIC16F877A with assembler  Posted in: Other Projects
• PBUS – an RS485-like multi-drop bus with half duplex serial protocol  Posted in: Other Projects
• Virtual Game System – A game console with a mechanically scanned display  Posted in: Game – Entertainment Projects
* Embedded Linux Controller using pic microcontroller* Posted in: **LCD Projects**
* DIAL ALARM-1* Posted in: **Clock – Timer Projects**
* Virtual Pong* Posted in: **Game – Entertainment Projects**
* Virtual Tetris* Posted in: **Game – Entertainment Projects**
* PIC16F84A LCD interfacing code (using 3 pins only) + Proteus simulation* Posted in: **Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects, Projects**
* Virtual Tetris* Posted in: **Game – Entertainment Projects**
* MikroElektronika’s “Ready for PIC” board talks to “Processing” using PIC16F887* Posted in: **Clock – Timer Projects, Development Board – Kits Projects, Other Projects, Projects**
* How to choose a MicroController using PIC16C84 microcontroller* Posted in: **Development Board – Kits Projects, LCD Projects, Projects**
* Mechanically scanned RS232 display (with dynamic speed)* Posted in: **Metering – Instrument Projects**
* Solar Recorder* Posted in: **Other Projects**
* Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors using PIC18F2550 (Part 1)* Posted in: **Projects, Sensor – Transducer – Detector Projects, Temperature Measurement Projects**
* PIC10F200 based dice* Posted in: **LED Projects**
* Rev 4.2.2 schematic and PCB* Posted in: **Development Board – Kits Projects**
* Project Ryu Lagger – Guitar Effect* Posted in: **Sound – Audio Projects**
* Getting started with PIC Microcontroller Programming* Posted in: **Microcontroller Programmer Projects**
* How to interface Servo Motor with PIC18F4550* Posted in: **How To – DIY – Projects, Motor Projects, Projects, Tutorials**
* TAXI PHONE* Posted in: **Phone Projects**
* Servo Motor Control using Microcontroller PIC16F877A* Posted in: **Motor Projects**
* Electronic Die using PIC16F84 microcontroller* Posted in: **Development Board – Kits Projects, LED Projects, Projects**
* Simple Digital GPS Speedometer Using PIC16F877A with LCD Display* Posted in: **LCD Projects, Metering – Instrument Projects**
* How to interface LEDs with PIC18F4550 Microcontroller* Posted in: **Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects**
* SMS Based Device Control using GSM Modem* Posted in: **Home Automation Projects**
* Rubidium Atomic Clock* Posted in: **Clock – Timer Projects**
* 8 Channel PWM LED Chaser for 16F628A and 16F88* Posted in: **LED Projects**
* Build your own “2-Wire LCD Interface” using the PIC16C84 microcontroller* Posted in: **LCD Projects**
* “Fluffy” – A Scenix (and PIC) Programmer* Posted in: **Microcontroller Programmer Projects**
* GSM Modem Interface with PIC 18F4550 Microcontroller* Posted in: **Interfacing(USB – RS232 – I2c -ISP) Projects**
* PIC PROGRAMMER MkV using PIC12F629* Posted in: **Blog, Microcontroller Programmer Projects, Projects**
* Capacitance Meter MkII using PIC12F629* Posted in: **Metering – Instrument Projects, Projects**
* How to Interface I2C External EEPROM 24LC64 to PIC Microcontroller* Posted in: **Interfacing(USB – RS232 – I2c -ISP) Projects**
* Almost No Parts’ 12/24hrs LED Clock using pic microcontroller* Posted in: **Clock – Timer Projects**
* PCB layouts using CAD* Posted in: **Other Projects**
* 18 pin PIC Development Board using PIC16F62* Posted in: **Other Projects, Projects**
* One Chip Video Poker using PIC16F828 microcontroller* Posted in: **Game – Entertainment Projects, Projects**
* Fun with PCBs* Posted in: **Game – Entertainment Projects**
* PIC programmers for parallel port* Posted in: **Microcontroller Programmer Projects**
- Breadboard module for PIC16F628A Posted in: Development Board – Kits Projects, Projects
- SD/SDHC CARD SOUND RECORDER Posted in: Sound – Audio Projects
- PIC 16C84 VT-52 Emulator for Linux Posted in: LCD Projects
- Original PICKIT-2 microcontroller programmer Posted in: Microcontroller Programmer Projects
- PIC-Bot II Posted in: Other Projects
- PIC12F675 software UART (bit banging) code and Proteus simulation Posted in: How To – DIY – Projects, Projects
- GPS to SD-Card Data Logger using PIC16F819 microcontroller Posted in: GPS Based Projects, Memory – Storage Projects, Projects
- Serial communication with Matlab pic-microcontroller Posted in: LED Projects
- Telephone operated remote control using PIC16F84A microcontroller Posted in: Home Automation Projects
- DIY, Microcontroller-Based Battery Monitor for RC Aircraft Posted in: Battery Projects
- Nokia 1100 LCD Interfacing with Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects
- Digital Meter Adapter – DMAD Posted in: Metering – Instrument Projects
- Voltmeter Ammeter Kit Posted in: Metering – Instrument Projects
- Long Period Astable Timer using PIC12F629 Posted in: Clock – Timer Projects, Projects
- PIC micro Timer Code Posted in: Microcontroller Programmer Projects
- Voltmeter Ammeter Kit – Blue Backlight LCD Posted in: LCD Projects
- Build your Own PCB Exposure Box with Fluorescent Lamps and Countdown System Posted in: How To – DIY – Projects
- MOTM Compatible Dual Channel Quantizer Posted in: Metering – Instrument Projects
- DS1820 Arbiter V2.00 Schematic / Parts List Posted in: Other Projects
- Solar tracking system using pic microcontroller Posted in: Security – Safety Projects
- PIC18F452 to PC USB 2.0 interface with FT245BM Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
- Serial LCDs you can make your own using PIC12F883 Posted in: LCD Projects, Projects
- MCU controlled Bluetooth automation with infrared sensor Posted in: Sensor – Transducer – Detector Projects
- How to generate video signals in real-time using a PIC16F84 Posted in: Video – Camera – Imaging Projects
- Voltage monitor for car’s battery and its charging system PIC16F1827 Posted in: Battery Projects, Car Projects, Metering – Instrument Projects, Projects
- 89Sxx Development Board Posted in: Development Board – Kits Projects
- Solar power auto irrigation system using microcontroller Posted in: LCD Projects
- PicChess Posted in: Game – Entertainment Projects, Microcontroller Programmer Projects
- Details of PIC ICSP and how to use it for pic microcontrollers Posted in: How To – DIY – Projects
- PIC based WWVB clock Posted in: Clock – Timer Projects
- USB Low Pin Kit Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Interfacing LCD Modules with PIC Microcontrollers, Posted in: LCD Projects
• PIC-based Digital Voltmeter (DVM) Posted in: Metering – Instrument Projects
• APPLICATION OF MICROCONTROLLER IN AUTO DETECT DOOR OPEN AND PAPER JAM ERROR using pic microcontroller Posted in: Home Automation Projects
• OSCCAL Value Finder, Posted in: Projects
• 8051 Microcontroller Overview & Hardware – Tutorial #1, Posted in: LED Projects
• Smart Button using PIC10F microcontroller, Posted in: Home Automation Projects
• LED UV exposure box, Posted in: LED Projects
• Ultra low cost solar-rechargeable persistence of vision display using PIC10F208, Posted in: Battery Projects, Projects
• Using the MAX6955 LED Display Driver with a PIC Microcontroller to Scroll Messages, Posted in: LED Projects
• Microcontroller Clapper Switch, Posted in: Microcontroller Programmer Projects
• Use a PIC Microcontroller to Control a Hobby Servo, Posted in: Microcontroller Programmer Projects
• Build your Own PCB Exposure Box with Fluorescent Lamps and Countdown System, Posted in: Development Board – Kits Projects
• USB - DC Motor Controller using PIC18F4550 (keyboard), Posted in: Motor Projects
• Digital & Binary clock with thermometer & hygrometer, Posted in: Clock – Timer Projects
• Re-Doing my Design for a circuit to control an invention using a Microchip PIC microcontroller chips, Posted in: Development Board – Kits Projects
• PIC’ing the MAX3100: Adding USB to a PIC Microcontroller Using the MAX3100 UART using pic microcontroller, Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Open Source 3.2” TFT Smart Display, Posted in: LCD Projects
• PIC RGB Power Board using PIC12F629 microcontroller, Posted in: Battery Projects, Projects
• FailureBot 5 – A Line Following Robot, Posted in: Robotics – Automation Projects
• Heavy duty portable charger for usb devices (phones, iPad, etc.) using PIC12F683, Posted in: Battery Projects, Projects
• PIC 18F – 28 PIN PIC Development Board, Posted in: Development Board – Kits Projects
• Homemade temperature LED display for PC using PIC16F876, Posted in: How To – DIY – Projects, LED Projects, Projects, Temperature Measurement Projects
• An LDmicro Tutorial, Posted in: LED Projects
• PIC 18F4550 Timer And Interrupt Example Video Project, Posted in: Clock – Timer Projects, Projects
• 18 PIN PIC Development Board, Posted in: Development Board – Kits Projects
• PIC Stroboscope using PIC12F675 microcontroller, Posted in: Other Projects, Projects
• Boost converter using IR2110 and pic microcontroller, Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• LCD Serial Terminal using PIC16F84, Posted in: LCD Projects, Projects
• USB PIC Programmer, Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Serial LCD Library using PIC16C84, Posted in: LCD Projects, Projects
• Basic circuit for PIC18F24J50 or PIC18F26J50 to work over USB, Posted in: Internet – Ethernet – LAN Projects
• Mini GSM localizer without GPS using pic microcontroller, Posted in: GPS Based Projects
• 100MHz frequency counter with PIC16F628A – LED Display, Posted in: LED Projects
• 12 DIGIT RUNNING SIGN using PIC16F628, Posted in: Game – Entertainment Projects, LED Projects, Projects
• Animatronic Robot Head, Posted in: Robotics – Automation Projects
• DTMF Phone Dialer using PIC16F690, Posted in: Phone Projects, Projects
• 100MHz frequency counter with PIC16F628A – LCD Display, Posted in: LCD Projects
• Extend PIC Microcontroller’s RAM by without using EMI, Posted in: Memory – Storage Projects
• 2 Digit 99 Seconds Timer, Posted in: Clock – Timer Projects
• MultiKey – One Wire Keypad, Posted in: Projects
• Using Transistor as a Switch, Posted in: Other Projects
• Miniature Real-Time Controller using PIC16F84
  Posted in: Clock – Timer Projects, Projects
• Small 3-wheel ROBOT with PIC16F84 brain & InfraRed eyes.
  Posted in: LED Projects
• Bluetooth-Controlled Guitar FX Amplifier
  Posted in: Sound – Audio Projects
• Isolated RS232C for PIC16F84
• MIDI Chord Button Keyboard Using PIC18F4620 part 1
  Posted in: Projects, Sound – Audio Projects
• Embedded System for Automatic Washing Machine using Microchip PIC18F Series Microcontroller
  Posted in: Development Board – Kits Projects
• Embedded System for Automatic Washing Machine using Microchip PIC18F Series Microcontroller
  Posted in: Home Automation Projects
• MIDI Chord Button Keyboard Using PIC18F4620 part 2
  Posted in: Projects, Sound – Audio Projects
• Quick & Easy RGB-LED Tester using PIC16F627 microcontroller
  Posted in: LED Projects, Metering – Instrument Projects, Projects
• Using Microcontrollers (Microchip PIC)
  Posted in: Development Board – Kits Projects
• pic12f675 Microcontroller 8-PIN PONG
  Posted in: Game – Entertainment Projects
• A Minimal USB CDC ACM aka Virtual Serial Port
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Ultra-easy use of 64-pin TQFP PIC18F6620 using TQFP-to-DIP PCB from VOTI
  Posted in: Development Board – Kits Projects, Projects
• PIC18F452 LED Blinking Code and Proteus Simulation
  Posted in: LED Projects, Projects
• PIC16F690 Microcontroller Circuit- How to Drive an LED Display
  Posted in: LED Projects
• CITROEN Saxo Vehicle Touch Sensitive switches using PIC16F84A
  Posted in: Car Projects, Projects, Sensor – Transducer – Detector Projects
• Digital watt meter using pic microcontroller
  Posted in: Metering – Instrument Projects
• j. ICSP Programmer for PIC32 microcontroller family
  Posted in: Microcontroller Programmer Projects
• Interfacing Ultrasonic Distance Sensor : ASCII Output with PIC Microcontroller
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Simple Digital Current Meter (DCM) using PIC microcontroller (Schematic + code + Proteus simulation)
  Posted in: Metering – Instrument Projects
• 3-Wire Serial LCD using a Shift Register
  Posted in: LCD Projects
• Execute Open-Source Code in a PIC Microcontroller Using the MPLAB IDE
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• 10-minute sewable iPod remote using PIC10F222 microcontroller
  Posted in: Other Projects, Projects
• Versatile SOIC PIC Programming Header using PIC18F88
  Posted in: Microcontroller Programmer Projects, Projects
• PIC12F675 LCD Interfacing Code and Proteus Simulation
• Control AC load with microcontroller
  Posted in: Other Projects
• WEBSD using PIC24F microcontroller
  Posted in: Internet – Ethernet – LAN Projects, Projects
• How to Wire a PIC Microcontroller?
  Posted in: Microcontroller Programmer Projects
• $15.00 BASIC Computer using PIC32MX1 microcontroller
• DS1820 Temperature regulator using PIC16F628
• Wireless 10 channel receiver using PIC16F630
  Posted in: Internet – Ethernet – LAN Projects, Projects
• LED Interfacing with PIC Microcontroller: Embedded C program with circuit using pic microcontroller
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects
• How to use a 74HC595 Shift Register with a AVR ATtiny13
• Another DIY function generator using PIC16F628
  Posted in: How To – DIY – Projects
• Worlds Most Useless Machine Rebuild
  Posted in: Battery Projects
• pic18f2550 Microcontroller Project Board
  Posted in: LCD Projects

http://pic-microcontroller.com/project-list/
- Electrical Subsystem
- Wireless PICAXE-based water tank level sensor
- Driving LCD directly from PIC
- Spooky Led Lamp using PIC12F675 microcontroller
- Matrix Keypad interfacing with PIC microcontroller
- 2-Wire Keypad Interface Using a 555 Timer using PIC16F628A
- THE SIMPLE ROVERBOT
- PIC-Programmer 2 for PIC16C84 etc.
- Roll and Temperature sensor applications using PIC18F2550
- MEASURING HEART RATE USING A PHOTOPLETHYSMOGRAPHIC CARDIOTACHOMETER
- pic-microcontroller
- Digital clock ds1307 using PIC microcontroller
- PIC based Oscilloscope
- The Magnetometer using PIC16F688
- Leon’s Mini Random Number Generator
- 8051-PIC MICROCONTROLLER PROJECTS
- mädchen machen technik
- IR On/Off Switch Using Microcontroller
- TD-USB-01 interface with mouse sensor board using PIC18F2550
- Interfacing LCD and Keypad with PIC16F877A Microcontroller
- Simple Power Guard – PIC12F683
- Making a simple clap switch using PIC12F683
- Temperature controlled fan using PIC 16F877A
- An AVR microcontroller based Ethernet device
- LED Heart PWM Fading using PIC18F252
- motor controller for R/C models
- DIY Digital Clock with Temperature Display using PIC Controller
- Tiny PIC bootloader using PIC16F microcontroller
- Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors using PIC18F2550 (Part 2)
- Digital Count Down Timer using PIC Microcontroller
- Interfacing Bluetooth Module HC-06 with PIC Microcontroller
- 50 MHz frequency counter, voltage meter & SWR/PWR indicator using PIC16C71
- UART Communication using PIC Microcontroller
- Interfacing Servo Motor with PIC Microcontroller using MPLAB and XC8
- GPS REPEATER/SYSTEMS MONITOR using PIC16F876
- Generating PWM using PIC Microcontroller with MPLAB and XC8
- DIY Microcontroller – Hand Dynamometer
- Using ADC Module of PIC Microcontroller with MPLAB and XC8
- LabVIEW motion controller using pic microcontroller
• 7 Segment Display Interfacing with PIC Microcontroller Posted in: LCD Projects
• Display Custom Characters on 16×2 LCD using PIC Microcontroller and XC8 Posted in: LCD Projects
• Dspic-Servo Project using PIC30F4012 microcontroller Posted in: Other Projects, Projects
• PIC16F88 Delorme Tripmate GPS Logger Posted in: GPS Based Projects, Projects
• LCD interfacing with PIC Microcontroller using MPLABX and XC8 Posted in: LCD Projects
• Basics of LED dot matrix display, Part 1. Theory using pic microcontroller Posted in: LED Projects
• PIC Based Car Battery Voltage Monitoring System Posted in: Car Projects
• Understanding Timers in PIC Microcontroller with LED Blinking Sequence Posted in: Clock – Timer Projects
• LED Blinking Sequence using PIC Microcontroller Posted in: LED Projects
• LED Blinking with PIC Microcontroller Posted in: LED Projects
• An LED Persistence Of Vision Name Badge using PIC16F88 Posted in: LED Projects, Projects
• Writing Your First Program with PIC Microcontroller and Setting up Configuration BitsPosted in: LED Projects
• RDS/RBDS decoder with optional FM stereo receiver using PIC18F452 Posted in: Projects, Radio Projects
• Using Easy Pulse mikro with MPLAB Xpress board Posted in: chipKIT Projects, Sensor – Transducer – Detector Projects
• PICs in Space Posted in: Video – Camera – Imaging Projects
• Programmable relay switch using PIC MCU (revised version) Posted in: Clock – Timer Projects
• How to make a contact-less digital tachometer using IR-light reflection technique Posted in: Metering – Instrument Projects
• LED Strobe for PIC12F629 Posted in: LED Projects, Projects
• Using Push Button Switch – MPLAB XC8 Posted in: LED Projects
• Interfacing Servo Motor with PIC Microcontroller – MPLAB XC8 Posted in: Motor Projects
• Single Chip Temperature Data Logger Posted in: Temperature Measurement Projects
• Custom Characters on LCD using PIC – MPLAB XC8 Posted in: LCD Projects
• 4 ALARM SOUNDS using PIC12F629 Posted in: Projects, Security – Safety Projects
• Interfacing LCD with PIC Microcontroller – Hi Tech C Posted in: LCD Projects
• Schematic PIC Data Logger with Delta-Sigma Converter Posted in: Other Projects
• LED message system on a Strida folding bicycle wheel using PIC12F675 Posted in: Game – Entertainment Projects, LED Projects, Projects
• Interfacing LCD with PIC Microcontroller – MPLAB XC8 Posted in: LCD Projects
• Voltmeter and Ammeter using PIC Microcontroller Posted in: Metering – Instrument Projects
• Interfacing Stepper Motor with PIC Microcontroller Posted in: Motor Projects
• DC Motor Speed Control using PWM with PIC Microcontroller Posted in: Motor Projects
• Aurora 48 – 48 RGB LED Sequencer using PIC24FV16KA304 Posted in: LED Projects, Projects
• Interfacing Real Time Clock (RTC) DS1307 with PIC Microcontroller Posted in: Clock – Timer Projects
• The simple Joule Thief Posted in: LED Projects
• Interfacing Matrix Keypad with PIC Microcontroller Posted in: Calculator Projects
• LED Christmas Cards using PIC 10F200 Posted in: LED Projects
• How to make(build) a Calculator using Pic16f877 microcontroller Posted in: Calculator Projects
• Toggle/Blink led on specific delay with pic microcontroller using timers: MPLABX and xc8 compiler Posted in: LED Projects
• Mars Clock using PIC16F877A microcontroller Posted in: Clock – Timer Projects, Projects
• Displaying Scrolling(Moving) text on 16×2 lcd Using Pic16F877 and Pic18f452 Microcontroller  
  Posted in: LCD Projects

• Joy Stick Controller using PIC12F629  
  Posted in: Game – Entertainment Projects, Projects

• PIC Projects: Digital Temperature Controller  
  Posted in: Temperature Measurement Projects

• AT Keyboard Interface V1.04 using Pic16F84  

• Using Multiplexed 7 Segment Displays – PIC Microcontroller Tutorial  
  Posted in: LED Projects

• Color Globe using PIC16F888 Microcontroller  
  Posted in: Game – Entertainment Projects, Home Automation Projects, Projects

• Interfacing HC-SR04 Ultrasonic Sensor with PIC Microcontroller  
  Posted in: Sensor – Transducer – Detector Projects

• Turntable Photography Equipment using PIC16F84A  

• Pic-Plot2 GPIB to USB converter  

• Interfacing Ultrasonic Sensor : ASCII Output with PIC Microcontroller  
  Posted in: Sensor – Transducer – Detector Projects

• PICMAN prototyping board using PIC18LF4553  
  Posted in: Blog, Development Board – Kits Projects, Projects

• Digital Clock using PIC Microcontroller and DS1307 RTC  
  Posted in: Clock – Timer Projects

• PURPIC, the wearable PICkit2 clone using PIC12F508 programmer  
  Posted in: Microcontroller Programmer Projects, Projects

• Water Level Indicator and Controller using PIC Microcontroller  
  Posted in: Sensor – Transducer – Detector Projects

• PIC16F877A-Based Temperature Monitoring System  
  Posted in: Temperature Measurement Projects

• 28 Pin PIC Terminal Development Board  
  Posted in: Development Board – Kits Projects, Projects

• Low Cost Solar Lighting Controller  
  Posted in: LED Projects

• How to use PIC18F4550 as a SPI Slave Transmitter  
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Breadboard using dsPIC30F2012 microcontroller  
  Posted in: Development Board – Kits Projects, Projects

• Interfacing Relay with PIC Microcontroller  
  Posted in: Other Projects

• 8049 Spy using pic microcontroller  
  Posted in: Microcontroller Programmer Projects

• Automatic Power Factor Controller using Microcontroller  
  Posted in: power – energy projects

• Line follower robot using microcontroller  
  Posted in: Robotics – Automation Projects

• PIC USB HID (Human Interface Device) Interfacing  
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• Running LED dice  
  Posted in: LED Projects

• 2 Digit Counter using PIC12F629 Microcontroller  
  Posted in: Clock – Timer Projects, Projects

• Making a simple clap switch  
  Posted in: Other Projects

• Interfacing of PIC12F675 with (i2c based) 24LC64 EEPROM (code + Proteus simulation)  

• LED Infinity Mirror Controller, 32 LEDs, Multiple Patterns using PIC12F675  
  Posted in: LED Projects, Projects

• Temperature and relative humidity display with adaptive brightness control  
  Posted in: Temperature Measurement Projects

• Message Pump using PIC16F887 microcontroller  
  Posted in: LCD Projects, Projects

• Digital logic probe for troubleshooting TTL and CMOS circuits  
  Posted in: Other Projects

• PIC RC Motor Controller (and example lego robot)  
  Posted in: Motor Projects

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

• Making a digital capacitance meter using microcontroller  
  Posted in: Metering – Instrument Projects

• How-to: Bus Pirate v1, improved universal serial interface using PIC24FJ64GA002  

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

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

• LED Microcontroller Debug Module using PIC18F4420  
  Posted in: LED Projects, Projects

• Build a digital spirit level using a SCA610 accelerometer  
  Posted in: Metering – Instrument Projects

• IKEA Mood-light Conversion using PIC12F683P  
  Posted in: Home Automation Projects, Projects
• Universal High-Power LED Driver with 3D-printable Case using PIC16F1823
  Posted in: LED Projects, Projects

• 0 to 99 minute timer using PIC16F628A microcontroller
  Posted in: Clock – Timer Projects

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

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

• Revised version of LM35 based digital temperature meter
  Posted in: Temperature Measurement Projects

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

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

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

• A video game with software generated video signal
  Posted in: Game – Entertainment Projects

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

• PIC 18F4550 Motor Controller Video Project
  Posted in: Motor Projects, Projects

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

• Experimenter’s board for enhanced mid-range PIC microcontrollers (PIC16F1827 and PIC16F1847)
  Posted in: Sensor – Transducer – Detector Projects

• PIC32 Multimedia Expansion Board Review Video
  Posted in: Development Board – Kits Projects, LCD Projects, Projects

• How to make a contact-less digital tachometer using IR-light reflection technique
  Posted in: Metering – Instrument Projects

• PIC-Microcontroller C Tool flow Video
  Posted in: Microcontroller Programmer Projects, Projects

• Having fun with HC08 using pic microcontroller
  Posted in: Game – Entertainment Projects

• A Beginner’s data logger project using PIC12F683 microcontroller
  Posted in: Temperature Measurement Projects

• How to use the EQ PIC Development Board Video
  Posted in: Development Board – Kits Projects, Projects

• RC5 remote control using PIC12F629
  Posted in: Home Automation Projects, How To – DIY – Projects, Projects

• A new multi-function power supply unit for my Embedded Lab
  Posted in: LCD Projects

• Business Card PIC Programmer using PIC12F629 microcontroller
  Posted in: Other Projects, Projects

• Pocket Programmer
  Posted in: Microcontroller Programmer Projects

• Heart rate measurement from fingertip
  Posted in: Sensor – Transducer – Detector Projects

• How to interface 16×2 LCD in 4-bit mode with PIC18F4550
  Posted in: LCD Projects, Projects

• AquaCont – Aquarium Control using pic microcontroller
  Posted in: Sensor – Transducer – Detector Projects

• Programmable digital timer switch using a PIC Microcontroller
  Posted in: LED Projects

• How to work with External (Hardware) Interrupts of PIC18F4550
  Posted in: How To – DIY – Projects, Projects, Tutorials

• A Digital temperature meter using an LM35 temperature sensor
  Posted in: Sensor – Transducer – Detector Projects

• How to work with inbuilt Analog Comparators of PIC18F4550
  Posted in: How To – DIY – Projects, Projects, Tutorials

• PIC-based Digital Voltmeter (DVM)
  Posted in: Metering – Instrument Projects

• PIC LICK-1 using PIC16F84 Microcontroller
  Posted in: Development Board – Kits Projects, Projects

• Basic Servo Motor Controlling with Microchip PIC Microcontroller
  Posted in: Motor Projects

• Digital frequency meter by PIC microcontroller using timer 1 (0-9999 Hz)
  Posted in: Metering – Instrument Projects

• Using Serial Peripheral Interface (SPI) with Microchip PIC18 Families Microcontroller
  Posted in: PWM Projects

• LEARN HARDWARE Firmware AND SOFTWARE DESIGN – BRIEF DESCRIPTION
  Posted in: Development Board – Kits Projects

• Digital logic probe for troubleshooting TTL and CMOS circuits using PIC12F683
  Posted in: Metering – Instrument Projects, Projects

• alternating current measurement using pic microcontroller
  Posted in: Metering – Instrument Projects

• PIC16F877 timer0 code and Proteus simulation
  Posted in: Clock – Timer Projects, Projects

• Transmit & Receive Infrared Signals With Your PC Serial Port using PIC12F508

• AC Voltage measurement using PIC16F877A microcontroller
  Posted in: Metering – Instrument Projects

• PIC16F864A internal EEPROM code and Proteus simulation
  Posted in: Memory – Storage Projects, Projects
- Interfacing 16×2 Lcd With 8051 Circuit Pin Diagrams
- Digital frequency meter using pic microcontroller
- Photo film processor
- Temperature sensor using PIC16F877A microcontroller
- Make your own motion sensor alarm with SMS feature using PIC18F2550
- Digital humidity sensor using PIC microcontroller
- PIC12F675 timer1 code and Proteus simulation
- Green house intelligent control system
- PIC12F675 timer0 code and Proteus simulation
- PlayPIC Tutorial Board for the PIC16F84A Microcontroller
- Automatic control of street lights
- How to drive an rgb led using PIC16F877A
- F1 Gantry Race Start Lights using PIC16F684
- Auto intensity control of street lights using pic microcontroller
- A Versatile PIC16F876A Based Robot
- DS18S20 interfacing with pic and avr microcontroller
- Bootloader for 16F87x PIC Microcontrollers
- Controlling a Servo with a PICAXE and an IR Sensor
- LEDactus using PIC18F1320 Microcontroller
- H-Bridge Microchip PIC Microcontroller PWM Motor Controller
- PIC Based Message wand
- Interfacing the Microchip PIC18F Microcontroller Master Synchronous Serial Port (MSSP) to various I2C Devices
- Logic Probe Plus using PIC12F683
- Prototype: Openbench Logic Sniffer logic analyzer using pic microcontroller
- The Line Follower Robot with Texas Instruments 16-Bit MSP430G2231 Microcontroller
- How Seven Segment Display Multiplexing with PIC Microcontroller for Electronic Sign
- Bit-Banging Serial Interfaces for the Low-End and Mid-Range PICMics using PIC16F84
- The LM324 Quad Op-Amp Line Follower Robot with Pulse Width Modulation
- PIC18 Pulse Width Modulation (PWM) DC Motor Speed Controller with the RPM Counter Project
- PIC16F84A discolight effect with bass beat control
- Stepping Into the 16-bit World with the Microchip 16-bit PIC24F16KA102 Family Microcontroller
- PIC based WWVB clock
- Building your own Simple Laser Projector using the Microchip PIC12F683 Microcontroller
- An Arduino me-too-alike for PIC16F873A
- Build Your Own Simple and Easy PICAXE Microcontroller Based Photovore Robot
- TIMED DISCHARGE ADAPTER using PIC16F628
- PIC18 Pulse Width Modulation (PWM) DC Motor Speed Controller with the RPM Counter Project
- 2-wire LCD interface using PIC16CF84
- Servo Camera Switch using PIC16F675 microcontroller
- Introduction to the Embedded System with PICAXE Microcontroller
- TRACK CONTROLLER FOR AWANA® GRAND PRIX using PIC16F628
• Behavior Based Artificial Intelligent Mobile Robot with Sharp GP2D120 Distance Measuring Sensor – BRAM Part 2
  Posted in: Robotics – Automation Projects

• LED flasher using PIC16C84 Microcontroller
  Posted in: LED Projects, Projects

• Building BRAM your first Autonomous Mobile Robot using Microchip PIC Microcontroller – Part 1
  Posted in: Robotics – Automation Projects

• Traffic Message Channel receiver using PIC18F8722

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

• How to make(build) a Calculator using Pic16f877 microcontroller
  Posted in: Calculator Projects

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

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

• A DIY indoor thermometer plus hygrometer using PIC16F688

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

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

• Lab 4: Interfacing a character LCD using PIC16F688

• PIC Analog to Digital Converter C Programming
  Posted in: Microcontroller Programmer Projects

• Programmable IR remote control using PIC16LF877

• PIC16F84A software UART (bit banging) code and Proteus simulation

• PICJazz 20PIN Learning and Development Board
  Posted in: Development Board – Kits Projects

• Tiny Remote for iRobot Roomba using PIC12F629
  Posted in: Projects, Robotics – Automation Projects

• A brief overview of Allegro ACS712 current sensor using PIC16F1847 (Part 1)
  Posted in: Projects, Sensor – Transducer – Detector Projects

• Remote controlled LED lighting effects
  Posted in: LED Projects

• 4 Bit LCD interfacing and programming with PIC Microcontroller
  Posted in: LCD Projects

• Transmitting and receiving data using UART protocol PIC Microcontroller
  Posted in: LCD Projects

• Temperature controlled fan using PIC 16F877A
  Posted in: Temperature Measurement Projects

• Interfacing LCD and Keypad with PIC16F877A Microcontroller
  Posted in: LCD Projects

• DHT22 (AM2302) Digital Humidity and Temperature Sensor Proteus Simulation
  Posted in: Temperature Measurement Projects

• Pinguino Project (a PIC Microcontroller Based Arduino #No Programmer Required)
  Posted in: Microcontroller Programmer Projects

• How to create custom characters on 16×2 LCD using PIC18F4550
  Posted in: LCD Projects, Projects

• Making of PIC18F452 Micro-Controller Development/Generic Board
  Posted in: Development Board – Kits Projects

• Ultrasonic Obstacle-avoiding Robot
  Posted in: Robotics – Automation Projects

• IRKI Infrared Remote Controlled USB Keyboard Without Keys using PIC18F2550

• HDD Clock – Persistence of Vision
  Posted in: Clock – Timer Projects

• PIC PAL Video Library using pic18f4620
  Posted in: Video – Camera – Imaging Projects

• Electronic Security System With RTC and User Define Pin Code
  Posted in: Security – Safety Projects

• Using PicBasic with the PIC16F84 PIC Microcontroller
  Posted in: Other Projects

• Closed-Caption Decoder using PIC16C84

• The Weeder Frequency Counter using PIC16F84
  Posted in: Clock – Timer Projects, Projects

• COMBINATION LOCK FOR SAFE using PIC16F628
  Posted in: Projects, Security – Safety Projects

• Stroop Game using PIC16F628 Microcontroller
  Posted in: Game – Entertainment Projects, Projects

• Building A Robot: Motor Control
  Posted in: Motor Projects, Robotics – Automation Projects
Cheap PIC controlled Helmet Camera using Sony LANC (Good for Extreme Sports) using PIC16F690

Serial Data Logger using PIC16F888

RF Modem Robotics Project using PIC16F64 microcontroller

Simple 3 Resistor PIC Programmer

LASER show for poor man using PIC18F1220 microcontroller

PIC12F629 Lead-Acid Battery Desulfator

Simple USB to RS232 adapter on pic18f2455

Programming a Picaxe 08m chip

Interfacing Relay to Microcontroller

The VQA Test Box using pic18f452 Microcontroller

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

10MHz DDS Sine/Square Function Generator based on the AD9835 using PIC16F628

How to Program a PIC Microcontroller & Read an Encoder

Lecture 43 : Interfacing PIC16F877 Microcontroller with an LCD

Making "The LCD Expansion Board" for PIC18F4520 using pic microcontroller

How to Simulate PIC Microcontroller in Proteus Design Suite 8

One-chip 11×10 LED matrix. using pic microcontroller

Multifunction RGB LED controller using PIC12F675

Record+play fast 1 bit sound on a PIC!

Major Electronic Peripherals Interfacing to Microcontroller 8051

Life Size Operation Game using PIC16F877 microcontroller

PIC12F675 internal EEPROM code and Proteus simulation

PIC12F675 ADC code and Proteus simulation

Underground locator generator for Radiodetection using PIC16F628

World's Smallest Low-speed USB Analyzer using pic16f877

Easy Debugging Terminal using PIC16F84

Serial Data Transfer to PC(Personal Computer) using PIC16f877 Microcontroller USART

Digital thermometer with auto saving log file in excel by Pic microcontroller

The ‘One Chip Spinning RGB POV Display’ with conversion software using PIC18f4680

Soundtrack using PIC16F688 Microcontroller

Arduino powered temperature sensing RGB LED nightlight using PICaxe

World’s Smallest Low-speed USB Analyzer using pic16f877

Easy Debugging Terminal using PIC16F84

Serial Addressable RGB PWM LED Driver using PIC16F628A

POV Christmas Tree using PIC12F689 microcontroller

MIDI Chord Button Keyboard Using PIC18F4620 part 3

Weather meter using PIC 16F877 Microcontroller

How to use inbuilt EEPROM of PIC18F4550 Microcontroller

Generating PWM with PIC Microcontroller using CCP Module

USB Project :: USB Interface Board Using PIC18F4550

NU32: Introduction to the PIC32 using pic-microcontroller
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

© 2012 Powered By PIC-Microcontroller.com