Project List

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

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

- Pic 16F676 ICSP programing socket for the PICkit 2 programer. Posted in: Microcontroller Programmer Projects, Projects
- New Earth Time digital clock in recycled retro-modern case using PIC16F627A. Posted in: Clock – Timer 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
• 8×8 LED matrix using PIC16F690 microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects
• Quick & Easy RGB-LED Tester using PIC16F627 microcontroller Posted in: LED Projects, Metering – Instrument Projects, Projects
• Smart Button using PIC16F microcontroller Posted in: Home Automation Projects
• PIC18F Based 6 Channel DMX Transmitter Posted in: Projects, Radio Projects
• All pic programmer using 16F87X microcontroller Posted in: Microcontroller Programmer Projects, Projects
• Cheap PIC controlled Helmet Camera using Sony LANC (Good for Extreme Sports) using PIC16F690 Posted in: Other Projects, Projects
• ECG on your laptop using PIC16F876 microcontroller Posted in: Medical – Health based Projects, Projects
• Augmenting a Microcontroller using PIC16F888 Posted in: Other Projects, Projects
• Ultra low cost solar-rechargeable persistence of vision display using PIC10F206 Posted in: Battery 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
• Large Dancing Robot using PIC16F877A microcontroller Posted in: Projects, Robotics – Automation Projects
• Twitter Watcher, the #watch using PIC18F67J60 microcontroller Posted in: LCD Projects, Projects
• Parallel Port 3 Axis CNC Driver, Opto-Isolated, Unipolar Steppers using PIC16F876A microcontroller Posted in: Motor Projects, Projects
• Life Size Operation Game using PIC16F877 microcontroller Posted in: Game – Entertainment Projects, Projects
• LED Binary Clock using PIC16F628A microcontroller Posted in: Clock – Timer Projects, LED Projects, Projects
• I2C keypad using PIC18F4550 microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• How to choose a MicroController using PIC16C84 microcontroller Posted in: Development Board – Kits Projects, LCD 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
• Poor man's counter using PIC16F84 microcontroller Posted in: Other 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 PIC16F676 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 PIC16F878 Posted in: Motor Projects, Projects, PWM Projects
• Medallion: Circle LED Animation PIC16F628A Posted in: Game – Entertainment Projects, Home Automation Projects, LED Projects, Projects
• Tiny PIC bootloader using PIC16F microcontroller Posted in: Projects, RTOS – OS Projects
• LCD Oscilloscope for Spectrum Analyzers using PIC16F876A Posted in: LCD Projects, Projects
• Simple RF/Microwave Frequency Counter using PIC16F876A Posted in: Clock – Timer Projects, Projects, Sensor – Transducer – Detector Projects
• My GPS LCD Display Project using PIC16F84 Posted in: GPS Based Projects, LCD Projects, Projects
• Ir Light Dimmer v.1 adjusting lights with remote controller using PIC12F629 Posted in: Home Automation Projects, Projects
• IK3OIL 16F84 PIC Frequency Counter Files Posted in: Clock – Timer Projects, Projects
• Darkroom Timer using PIC16F84 microcontroller Posted in: Clock – Timer Projects, Projects
• 2.5 GHz Frequency counter using PIC16F870 Posted in: Clock – Timer Projects, Projects
• Intelligent NiCd/NiMH Battery Charger using PIC16C711 Posted in: Battery Projects, Projects
• pic12675 Microcontroller 8-PIN PONG Posted in: Game – Entertainment Projects
• Stepper Motor Controller using pic16f628a Posted in: Motor Projects
• PIC Based Speed Controller using PIC16C54 Posted in: Game – Entertainment Projects, Interfacing(USB – RS232 – I2c -ISP) Projects, Other Projects
• pic18f458 Microcontroller based Solar Recorder Posted in: Sensor – Transducer – Detector Projects
• pic12f683 Microcontroller based Programmable LED Posted in: LED Projects
• PIC16F84A Temperature Controller Posted in: Projects, Temperature Measurement Projects
• Digital Voltmeter (DVM) using PIC16F688 Posted in: Metering – Instrument Projects, Projects
• 0-9999 seconds count down timer using PIC16F683 microcontroller Posted in: Clock – Timer Projects, Projects
• PIC12F microcontroller project board Posted in: Development Board – Kits Projects, Projects
• Making a digital capacitance meter using PIC16F628A Posted in: Metering – Instrument Projects, Projects
• Voltage monitor for car’s battery and its charging system PIC16F1827 Posted in: Battery Projects, Car Projects, Metering – Instrument Projects, Projects
• Experimenter’s board for enhanced mid-range PIC microcontrollers (PIC16F1827 and PIC16F1847) Posted in: Development Board – Kits Projects, Projects
• Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors using PIC18F2550 (Part 2) Posted in: Projects, Sensor – Transducer – Detector Projects, Temperature Measurement Projects
Feedback / Suggestions

- How to make a contact-less digital tachometer using IR-light reflection technique using PIC18F2550 Posted in: CNC Machines Projects, Metering – Instrument Projects, Projects
- LED Chaser for PIC16F84A and PIC16F628A Posted in: LED Projects, Projects
- LED Strobe for PIC12F629 Posted in: LED Projects, Projects
- PWM DC Motor Controller for PIC12F683 Posted in: Motor Projects, Projects, PWM Projects
- Radio Button Switch Control using PIC12F629 Posted in: Projects, Radio Projects
- A Beginner’s data logger project using PIC12F683 microcontroller Posted in: Memory – Storage Projects, Projects, Temperature Measurement Projects
- Build A Digital Tachometer/RPM Counter using PIC18F452 Posted in: How To – DIY – Projects, Metering – Instrument Projects, Projects
- Heart rate measurement from finger tip using PIC16F628A Posted in: Medical – Health based Projects, Projects
- PIC12F675 microcontroller as Flip Flop Posted in: Other Projects, Projects
- IR Remote Control Repeater using PIC12F629 Posted in: Internet – Ethernet – LAN Projects, Projects
- Mini F1 race track Grid Start Lights using PIC12F627A Posted in: Game – Entertainment Projects, Projects
- Internal Oscillator Recalibration Utility for PIC12F629 Posted in: Clock – Timer Projects, Projects
- Programmable digital timer switch using a PIC16F628A Posted in: Clock – Timer Projects, Projects
- WORLD’S SIMPLEST PROGRAM using PIC12F629 Posted in: Microcontroller Programmer Projects, Projects
- Wifi robot vehicle controlled by PIC16F628A Posted in: Internet – Ethernet – LAN Projects, Projects, Robotics – Automation Projects
- 2 Digit Counter using PIC12F629 Microcontroller Posted in: Clock – Timer Projects, Projects
- 2 Digit up/down Counter using PIC16F628A Posted in: Clock – Timer Projects, Projects
- VGA display using PIC18F452 microcontroller Posted in: LCD Projects, Projects
- Microcontroller based Diode and Bipolar Junction Transistor (BJT) tester using PIC16F688 Posted in: Metering – Instrument Projects, Projects
- Low cost OLED module interface using PIC18F452 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects
- RDS/RBDS decoder with optional FM stereo receiver using PIC18F452 Posted in: Projects, Radio Projects
- Propeller Clock Mechanically Scanned LED Clock using PIC16C84 Posted in: Clock – Timer Projects, LED Projects, Projects
- Line following robot using PIC16F84 Posted in: Projects, Robotics – Automation Projects
- Make your own PIC Programmer using PIC12C508 Posted in: Microcontroller Programmer Projects, Projects
- The Weeder Frequency Counter using PIC16F84 Posted in: Clock – Timer Projects, Projects
- Microchip pic16f877 to FTDI USB interface Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- DTMF Phone Dialer using PIC16F698 Posted in: Phone Projects, Projects
- Gear Clock using PIC16F676 Microcontroller Posted in: Clock – Timer Projects, Projects
- Build a digital clock with its digits levitating in the air using PIC16F84 Posted in: Clock – Timer Projects, Projects
- SMS Box project using PIC16F877A Microcontroller Posted in: Phone Projects, Projects
- Function Generator using PIC16F870 microcontroller Posted in: Metering – Instrument Projects, Projects
- Pickit 2 Download & Develop Your own USB pickit ii programmer Posted in: How To – DIY – Projects, Microcontroller Programmer Projects, Programmers, Projects
- RGB LED PWM Driver Standalone PWM controller for RGB LEDs using PIC12F629 Posted in: LED Projects, Projects, PWM Projects
- RGB LED PWM Driver for High Power 350mA LEDs V3 using PIC12F629 Posted in: LED Projects, Projects, PWM Projects
- RGB LED Strip Controller high-side LED drive for PIC12F629 Posted in: LED Projects, Projects
- Serial Addressable RGB PWM LED Driver using PIC16F628A Posted in: LED Projects, Projects, PWM Projects
- 4 Channel DMX512 Driver for PIC16F1823 Posted in: Development Board – Kits Projects, Projects
- 3-Channel IR Relay Controller with user programmable IR commands for PIC12F628 Posted in: Internet – Ethernet – LAN Projects, LED Projects, Projects
- 3-Switch Mini IR Remote Control for PIC10F200 Posted in: Internet – Ethernet – LAN Projects, Projects
- 4-digit Up/Down counter with preset, reset, hold and overflow output using PIC16F88 Posted in: Clock – Timer Projects, Projects
- 5 LED CUBE Controller for PIC16F688 Posted in: LED Projects, Projects
- Binary/bcd to 7-segment decoder for PIC16F627A Posted in: LED Projects, Projects
- 8 Channel PWM LED Chaser for PIC16F628A Posted in: LED Projects, Projects, PWM Projects
- 8 Channel PWM Power MOSFET LED Chaser for PIC16F628A Posted in: LED Projects, Projects, PWM Projects
- 8 Channel PWM LED Chaser for PIC16F628A and PIC16F88 Posted in: LED Projects, Projects
- UFO round LED Chaser Kit for PIC16F628A Posted in: Development Board – Kits Projects, LED Projects, Projects
- UFO round LED Chaser with speed control for PIC16F628A Posted in: LED Projects, Projects
- PIC_18F4550 Timer And Interrupt Example Video Project Posted in: Clock – Timer Projects, Projects
- PIC Microcontroller timer Video Project Posted in: Clock – Timer Projects, Projects
- How to display text on 16×2 LCD using PIC18F4550 Posted in: LCD Projects, Projects
- How to create custom characters on 16×2 LCD using PIC18F4550 Posted in: LCD Projects, Projects
- How to interface Servo Motor with PIC18F4550 Posted in: How To – DIY – Projects, Motor Projects, Projects, Tutorials
- PIC16F877 based simple calculator project Posted in: Calculator Projects, Projects
- PIC16F877 up down counter code and Proteus simulation Posted in: Clock – Timer Projects, Projects
• PIC16F877 stop watch code and Proteus simulation Posted in: Clock – Timer Projects, Projects
• PIC16F877 ADC code and Proteus simulation Posted in: Other Projects, Projects
• Interfacing of PIC16F877 with DS1307 (RTC) code and Proteus simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• Interfacing of PIC16F877 with (I2c based) 24LC64 EEPROM (Code + Proteus simulation) Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Memory – Storage Projects, Projects
• PIC16F877 based controllable digital clock using LCD display (Code+Proteus simulation) Posted in: Clock – Timer Projects, LCD Projects, Projects
• PIC16F877 internal EEPROM code and Proteus simulation Posted in: Memory – Storage Projects, Projects
• How to interface keypad with PIC16F877 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• PIC16F877 based digital clock using LCD display (Code+Proteus simulation) Posted in: Clock – Timer Projects, Projects
• PIC16F877 LCD interfacing code (In 4bit mode) and Proteus simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects, Projects
• PIC16F877 UART code and Proteus simulation Posted in: Other Projects, Projects
• PIC16F877 external interrupt code and Proteus simulation Posted in: Other Projects, Projects
• PIC16F877 PWM (2 channel) code and Proteus simulation Posted in: Projects, PWM Projects
• Interfacing of PIC12F675 with DS1307 (RTC) code and Proteus simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• Interfacing of PIC12F675 with (I2c based) 24LC64 EEPROM (code + Proteus simulation) Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Memory – Storage Projects, Projects
• PIC12F675 I2C (bit banging) code and Proteus simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• PIC12F675 interrupt based software UART code and Proteus simulation Posted in: How To – DIY – Projects, Projects
• Interfacing of PIC16F84A with (I2c based) 24LC64 EEPROM (Code + Proteus simulation) Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Memory – Storage Projects, Projects
• PIC16F84A based simple calculator (Code+Proteus simulation) Posted in: Calculator Projects, Projects
• How to interface keypad with PIC16F84A Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• PIC16F84A LCD interfacing code (using 3 pins only) + Proteus simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects, Projects
• PIC16F84A based digital clock using LCD display (Code+Proteus simulation) Posted in: Clock – Timer Projects, LCD Projects, Projects
• PIC16F84A PWM code and Proteus simulation Posted in: Projects, PWM Projects
• PIC16F84A LED blinking code and Proteus simulation Posted in: Game – Entertainment Projects, LED Projects, Projects
• How to use PIC16F876 GPIO pin as input (Code + Proteus simulation) Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• PIC16F875 internal EEPROM code and Proteus simulation Posted in: Memory – Storage Projects, Projects
• PIC16F875 software UART (bit banging) code and Proteus simulation Posted in: How To – DIY – Projects, Projects
• PIC16F875 based simple calculator (Code+Proteus simulation) Posted in: Calculator Projects, Projects
• PIC16F875 based digital clock using LCD display (Code+Proteus simulation) Posted in: Clock – Timer Projects, LCD Projects, Projects
- PIC12F675 PWM Code and Proteus Simulation (Posted in: Projects, PWM Projects)
- PIC12F675 LED blinking code and Proteus simulation (Posted in: LED Projects, Projects)
- PIC18F452 PWM Code and Proteus Simulation (Posted in: Projects, PWM Projects)
- PIC18F452 LED Blinking Code and Proteus Simulation (Posted in: LED 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 PIC16F88 (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)
- LED Heart PWM Fading using PIC18F252 (Posted in: Game – Entertainment Projects, LED Projects, Projects, PWM 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)
- 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)
- RC5 remote control using PIC12F629 (Posted in: Home Automation Projects, How To – DIY – 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)
- STEAM GENERATOR using PIC16F873 (Posted in: Home Automation Projects, Projects)
- DATA LOGGER measures and stores voltage using PIC16F876 (Posted in: Battery Projects, Metering – Instrument Projects, Projects)
• GPS REPEATER/SYSTEMS MONITOR using PIC16F876 Posted in: GPS Based Projects, Projects
• Automatic School Bell Posted in: Electronics News and Updates, Home Automation Projects
• Aurora 48 – 48 RGB LED Sequencer Posted in: LED Projects
• The simple Joule Thief! Posted in: LED Projects
• How to Program a PIC Microcontroller & Read an Encoder Posted in: Microcontroller Programmer Projects
• Simple 3 Resistor PIC Programmer Posted in: Microcontroller Programmer Projects
• DC motor control with Joystick and PIC16F877A Posted in: Motor Projects
• Use a PIC Microcontroller to Control a Hobby Servo Posted in: Microcontroller Programmer Projects
• USB Project :- USB Interface Board Using PIC18F4550 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• USB:- DC Motor Controller using PIC18F4550 (keyboard) Posted in: Motor Projects
• Build yourself flashing message on PIC16F877A with assembler Posted in: Other Projects
• PIC12F629 Lead-Acid Battery Desulfator Posted in: Battery Projects
• Multifunction RGB LED controller using PIC12F675 Posted in: LED 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 using PIC Microcontroller Posted in: Robotics – Automation Projects
• Electronic Voting Machine Using PIC Microcontroller Posted in: CNC Machines Projects
• Digital frequency meter by PIC microcontroller using timer 1 (0-9999 Hz) Posted in: Metering – Instrument Projects
• LED blinking using timer0 of pic16f877 microcontroller Posted in: LED Projects
• GSM based Control System by pic microcontroller Posted in: Internet – Ethernet – LAN Projects
• Interfacing 7 segment display with pic16f877 microcontroller Posted in: LED Projects
• 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
• Digital thermometer with auto saving log file in excel by Pic microcontroller Posted in: Temperature Measurement Projects
• Interfacing DS1307 Real time clock with PIC16F877 Posted in: Clock – Timer Projects, Interfacing(USB – RS232 – I2c -ISP) Projects
• 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
Temperature Measurement Projects

Digital Thermometer using PIC Microcontroller and LM35 Temperature Sensor

Blinking LED using PIC Microcontroller with Hi-Tech C

Blacking using PIC 16F877 through adc0808

Project on making calculator using PIC16F877 and Mikro C Pro

Keypad scanning and interfacing with PIC16F877 microcontroller

Scrolling Text on LCD by PIC Microcontroller

Displaying text on LCD by interfaced with PIC16F877 microcontroller in 4 bit mode

Simple Project on LED blinking by PIC 16 Microcontroller using PIC Microcontroller

Switch Relay using PIC-microcontroller

Serial communication with Matlab pic-microcontroller

Interfacing with a Secure Digital (SD) card using PIC-microcontroller

NU32: Introduction to the PIC32 using pic-microcontroller

Heat Control System using pic-microcontroller

Driving a piezo speaker with a PIC using microcontroller

LED-Guided Piano Instruction using pic microcontroller

SD-Card with CCS C Compiler using pic microcontroller

Embedded Linux Controller using pic microcontroller

LabVIEW motion controller using pic microcontroller

Using Fixed Voltage Reference (FVR) for A/D conversion in enhanced mid-range PIC microcontrollers

Interfacing DHT11 humidity and temperature sensor with PIC16F877A using pic microcontroller

Line Follower Robot – Build it from scratch using pic microcontroller

Introduction to the PIC32 using pic-microcontroller

USB data logger project using pic-microcontroller

MEASURING HEART RATE USING A PHOTOPLETHYSMOGRAPHIC CARDIOTACHOMETER using pic-microcontroller

Remote-Control Light Dimmer using pic microcontroller

Nike+iPod reverse engineering (protocol too) using pic microcontroller

One-chip 11x10 LED matrix. using pic microcontroller

CNC Controller Motion Schematics (Rev. D) using pic microcontrollers

Interfacing DS1307 RTC Chip with AVR Microcontroller

PIC Light Chaser

The IDE Project

“Fluffy” – A Scenix (and PIC) Programmer

Simple RS232C Level Converter using Transistors using pic microcontroller

Build a PIC controlled DDS VFO. 0 to 6 MHz using pic microcontroller

True USB GQ-4X Programmer using pic microcontroller

AquaCont – Aquarium Control using pic microcontroller

8049 Spy using pic microcontroller

Almost No Parts’ 12/24hrs LED Clock using pic microcontroller

Generating PWM with PIC Microcontroller using CCP Module

Blinking LED using PIC Microcontroller with Hi-Tech C

Digital Thermometer using PIC Microcontroller and LM35 Temperature Sensor

Interfacing Relay with PIC Microcontroller

How to burn or program PIC Microcontroller?
• Circuit Digital Clock Using PIC16F628a Microcontroller Schematics
• PIC'ing the MAX3100: Adding USB to a PIC Microcontroller Using the MAX3100 UART using pic microcontroller
• Interface(USB – RS232 – I2c -ISP) Projects
• Pickit 2 clone The Universal Microchip PIC Programmer /Debugger
• Very Accurate LC Meter based on PIC16F628A using pic microcontroller
• 60MHz Frequency Meter / Counter using pic microcontroller
• Voltmeter Ammeter using pic microcontroller
• TDA7000 FM Receiver / TV Tuner / Aircraft Receiver using pic microcontroller
• USB IO Board PIC18F2455 / PIC18F2550 using pic microcontroller
• USB Voltmeter using pic microcontroller
• USB 0-500MHz RF Power Meter with AD8307 using pic microcontroller
• How to Interface I2C External EEPROM 24LC64 to PIC Microcontroller
• LCD interface with Microcontroller PIC: Beginner’s guide using pic microcontroller
• LED Interfaceing with PIC Microcontroller: Embedded C program with circuit using pic microcontroller
• Mini GSM localizer without GPS using pic microcontroller
• PIC'ing the MAX581: Interfacing a PIC Microcontroller with the MAX581 Fast-Settling DAC
• How to drive a Dot Matrix LED Display, using pic microcontroller
• Having fun with HC08 using pic microcontroller
• How to make a computer controlled Robot Project Using PIC16F877A? using pic microcontroller
• How to Interface GSM Module SIM300 with PIC 16F628A Microcontroller for sending SMS and making Calls using pic microcontroller
• Water Level Indicator and Controller using PIC Microcontroller
• Introducing the BOLT PIC18F2550 Microcontroller Board using pic microcontroller
• Digital Alarm Clock Schematic using pic microcontroller
• Induction Heater with CKM005 Microcontroller
• The Wooden Menace – a Mighty Robotic Arm Powered by Servos using pic microcontroller
• Spectrum analyzer based PIC18F4550
• Interfacing 16×2 LCD With 8051 Circuit Pin Diagrams
• Auto intensity control of street lights using pic microcontroller
• OPEN-DESIGN CHARGE REGULATOR PROJECT
• Building A Robot: Motor Control
• Digital Meter Adapter – DMAD
• Computer-Controlled Light-Up Water Fountain
• Usbpicprog – A free and open source USB Microchip PIC programmer (Software and Hardware) for Linux, Windows e MAC
• Making “The LCD Expansion Board” for PIC18F4520 using pic microcontroller
• What is PIC Expansion Board
• Aurora 48 – 48 RGB LED Sequencer using PIC24FV16KA304

How to use a 74HC595 Shift Register with an AVR ATtiny13
How to use a 74HC595 Shift Register with a PIC using microcontroller
Audio spectrum analyzer on PIC32 using pic microcontroller
Bluetooth Wireless Voltage Meter using PIC12F683 microcontroller
Chronograph for Air Cannon using PIC16F828A microcontroller
PURPIC, the wearable PICKit2 clone using PIC12F508 programmer
Basics of LED dot matrix display, Part 1. Theory using pic microcontroller
Laser show for poor man using PIC18F1220 microcontroller
Prototype: Openbench Logic Sniffer logic analyzer using pic microcontroller
Wooden LED clock using PIC16LF876A microcontroller
Heavy duty portable charger for usb devices (phones, iPad, etc.) using PIC12F683
LED Infinity Mirror Controller, 32 LEDs, Multiple Patterns using PIC12F675
Traffic Light Controller using pic microcontroller
WEBSD using PIC24F microcontroller
JDM2 based PIC Programmer
Details of PIC ICSP and how to use it for pic microcontrollers.
Cheap PIC Programmer using PIC16F84 microcontroller
Analogue to Digital Converter Using PIC16F877A Microcontroller – Beginners Guide using pic microcontroller
POV Christmas Tree using PIC12F689 microcontroller
Business Card PIC Programmer using PIC12F629 microcontroller
IRKI Infrared Remote Controlled USB Keyboard Without Keys using PIC18F2550
LED message system on a Strida folding bicycle wheel using PIC12F675
Teddy nightlight multicolor using PIC16F84A microcontroller
15.00 BASIC Computer using PIC32MX1 microcontroller
How to adapt a NES clone controller to bluetooth using PIC12F675
PIC Controlled Relay Driver using pic microcontroller
24 Channel USB Connected LED Controller, up to 1A per Channel using PIC18F4550
The Trickster – USB Computer Prank using PIC18F14K50
Implementation USB into microcontroller: IgorPlug-USB (AVR) using pic microcontroller
Reverse Engineering to Emulate Ink Cartridges for a Epson Printer using PIC18F
Prometheus/Pandora's Box using PIC12C508 microcontroller
Reading Nintendo 64 controller with PIC microcontroller
The Talking Breathalyzer Mark II using PIC18F1220
An LED Persistence Of Vision Name Badge using PIC16F88
Interfacing with The Energy Detective using pic microcontroller
How to interpret the direction of rotation from a digital rotary switch with a PIC using PIC16F877A
PIC Stroboscope using PIC12F675 microcontroller
One Chip Video Poker using PIC16F877
10-minute sewable iPod remote using PIC10F222 microcontroller
18 pin PIC Development Board using PIC16F628
An LED Dice using a PIC 16F684 (or 16F88)
A remote controlled power RGB LED mood light using PIC16F627A
Aurora 9 bar – The Essence of Aurora using PIC24F08KA101
IRMimic™ Trainable IR Remote Control Transmitter using pic microcontroller
Whac-a-Veggie using PIC18F4550 microcontroller
A Word Clock using PIC16F877 microcontroller
Thrashing Apple Logo Sticker using PIC10F206 microcontroller
BooLoader for 16F87x PIC Microcontrollers
The ‘One Chip Spinning RGB POV Display’ with conversion software using PIC18F4680
Spooky Led Lamp using PIC12F675 microcontroller
Pulsing Hubby Detector using PIC12F683 microcontroller
Programmable watch with four character display using PIC16F628A microcontroller
Minty JDM PIC Programmer using PIC18F4550 microcontroller
LED fireflies prototype using PIC12C683 microcontroller
Building the Mongoose Mechatronics Robot: Part 1 Chassis & Gearbox using PIC18F2525
Cooking Timer using PIC16F819 microcontroller
Daft Punk Table Replica Graphics Controller using PIC18F2550
Frankenbear Synthamajig using PIC16F877 microcontroller
How to drive a lot of LEDs using PIC12F microcontroller
Power Pic RGB with Infrared remote control using PIC12F675
PIC RGB Power Board using PIC12F629 microcontroller
Pic RGB color generator using PIC12F629
Tiny Remote for iRobot Roomba using PIC12F629
Read analog values without an ADC using PIC12F675 microcontroller
A modified version of the "Air display" adapted to be used in a bicycle using PIC12F629 microcontroller
An Easy to build & multifunctional counter with 7-Segment Led Display using PIC16F628 microcontroller
Schaer+ Programmer using PIC12F629 microcontroller
PIC16F628 4 RGB LED PWM Controller
Servo Camera Switch using PIC12F675 microcontroller
Alarm Clock using PIC16F74 microcontroller
A PIC-Based Temperature Alarm using PIC16C84
How to build your own PIC-Programmer using PIC12C50x
One Chip Video Poker using PIC16F628 microcontroller
- PIC_16F917 Gyroscope interface
- PIC16F84 Fundamentals
- Motion Activated Led Dice using PIC16F688
- Car battery charger with PIC12F683
- Mechanically scanned laser display using PIC17F877
- Revised version of the PIC12F microcontrollers breakout board
- Max the Spider – powered by LEGO and PIC microcontroller
- Interface a HD44780 Character LCD with a PIC Microcontroller
- A DIY indoor thermometer plus hygrometer using PIC16F688
- Making a simple clap switch using PIC12F683
- Pic 16F676 ICSP programing socket for the PICkit 2 programmer
- Breakout board for PIC16F1847 microcontroller
- Dual 4-digit seven segment LED display with SPI interface using PIC12F
- Interface the AT keyboard.
- Digital logic probe for troubleshooting TTL and CMOS circuits using PIC12F683
- A brief overview of Allegro ACS712 current sensor using PIC16F1847 (Part 1)
- Record+play fast 1bit sound on a PIC
- Low cost temperature data logger using PIC and Processing using PIC12F1822
- Revised version of LM35 based digital temperature meter using PIC16F688
- Microchip PIC Microcontrollers
- PBUS – an RS485-like multi-drop bus with half duplex serial protocol
- DIAL ALARM-1
- MikroElektronika’s “Ready for PIC” board talks to “Processing” using PIC16F887
- Solar Recorder
- Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors using PIC18F2550 (Part 1)
- PIC Harmonic Distortion Meter
- Automatic Charger Sharing for Motorcycle Battery Charger using PIC16F628A
- Enhanced 5/2-day Central Heating Programmer with serial computer interface using PIC16F628A
- Project Ryu Lagger – Guitar Effect
- F1 Gantry Race Start Lights using PIC16F684
- Long Period Astable Timer using PIC12F629
- TAXI PHONE
- Precision Delay Timer for PIC16F628A
- 2-Wire Keypad Interface Using a 555 Timer using PIC16F628A
- TinyWireMCP23008 – MCP23008 library for ATtiny85 microcontroller
- Electronic Die using PIC16F84 microcontroller
- How to interface LEDs with PIC18F4550 Microcontroller
- Rubidium Atomic Clock
- Seven Segment Multiplexing using PIC18F4550 Microcontroller
- Audio spectrum analyzer using PIC18F4550
- Build your own “2-Wire LCD Interface” using the PIC16C84 microcontroller
- PIC PROGRAMMER MkV using PIC12F629
- 4 ALARM SOUNDS using PIC12F629
- PIC-Programmer 2 for PIC16C84 etc.
- Capacitance Meter MkII using PIC12F629
- Joy Stick controller using PIC12F629
- PIC programmers for parallel port
- Breadboard module for PIC16F628A
- Lift Counter using PIC12F629 Microcontroller
- PIC-16C84 VT-52 Emulator for Linux
- MUSIC BOX using PIC12F629 Microcontroller
- SKY WRITER using PIC12F629 Microcontroller
- SOLAR TRACKER-1 using PIC12F629 Microcontroller
- PIC-Bot II
- Touch Switch using PIC12F629 Microcontroller
- Whistle Key Finder using PIC12F629
- 12 DIGIT RUNNING SIGN using PIC16F628
- Serial to PIC Interface using PIC Microcontroller
- Small 3-wheel ROBOT with PIC16F84 brain & InfraRed eyes
- PIC micro Timer Code
- Single button code entry for a digital lock using PIC16F628A
- Echo MP3 player using PIC18LF452
- Build your Own PCB Exposure Box with Fluorescent Lamps and Countdown System
- Understanding I2CP for PIC Microcontrollers
- Roll and Temperature sensor applications using PIC18F2550
- Dual programmable keypad code lock using PIC18F452
- DS1820 Arlbitr V2.00 Schematic / Parts List
- TD-USB-01 interface with mouse sensor board using PIC18F2550
- Low cost LCD module interface with optional LED backlight using PIC18F452
- Electronic door codelock with PIC
- PIC18F452 to PC USB 2.0 interface with FT245BM
- Serial LCDs you can make your own using PIC12F683
- How to generate video signals in real-time using a PIC16F84
- PicChess
- Solar Recorder using PIC18F458 microcontroller
- 100KHz Square Wave generator using PIC16C84
- Interfacing LCD Modules with PIC Microcontrollers
- **Homemade Scope Clock** [DG7 tube and PIC16F876](#) Posted in: Clock – Timer Projects, Home Automation Projects, How To – DIY – Projects, Projects
- **Homemade temperature LED display for PC using PIC16F876** Posted in: How To – DIY – Projects, LED Projects, Projects, Temperature Measurement Projects
- **MICROCONTROLLER BASED INTERFACE UNIT FOR 5KW MICROWAVE OVEN** Posted in: Interfacing(USB – RS232 – 12c -ISP) Projects
- **LED flasher using PIC16C84 Microcontroller** Posted in: LED Projects, Projects
- **LCD Serial Terminal using PIC16F84** Posted in: LCD Projects, Projects
- **Microcontroller Adc Project Circuit** Posted in: Interfacing(USB – RS232 – 12c -ISP) Projects
- **Blink LED with XC8 compiler using external Oscillator** Posted in: LED Projects
- **Serial LCD Library using PIC16C84** Posted in: LCD Projects, Projects
- **Harmonic Distortion meter using PIC18F2550** Posted in: Metering – Instrument Projects, Projects
- **Project Board using PIC18F2550 microcontroller** Posted in: Development Board – Kits Projects, Projects
- **In-Circuit PIC Loader using PIC18F458 microcontroller** Posted in: Microcontroller Programmer Projects, Projects
- **Easy Debugging Terminal using PIC16F84** Posted in: LCD Projects, Projects
- **LEARN HARDWARE Firmware AND SOFTWARE DESIGN – BRIEF DESCRIPTION** Posted in: Development Board – Kits Projects
- **Autonomous Foosball Table** Posted in: Robotics – Automation Projects
- **Temperature controlled fan using PIC 16F877A** Posted in: Temperature Measurement Projects
- **Night Light Saver V3.2 using PIC12C508** Posted in: Home Automation Projects, Projects
- **Miniature Real-Time Controller using PIC16F84** Posted in: Clock – Timer Projects, Projects
- **MIDI Chord Button Keyboard Using PIC18F4620 part 1** Posted in: Projects, Sound – Audio Projects
- **Microcontroller measures heart rate through fingertip** Posted in: Medical – Health based Projects
- **MIDI Chord Button Keyboard using PIC18F4620 part 2** Posted in: Projects, Sound – Audio Projects
- **MIDI Chord Button Keyboard using PIC18F4620 part 3** Posted in: Projects, Sound – Audio Projects
- **A Minimal USB CDC ACM aka Virtual Serial Port** Posted in: Interfacing(USB – RS232 – 12c -ISP) Projects
- **Versatile SOIC PIC Programming Header using PIC18F88** Posted in: Microcontroller Programmer Projects, Projects
- **Ultra-easy use of 64-pin TQFP PIC18F6620 using TQFP-to-DIP PCB from VOTI** Posted in: Development Board – Kits Projects, Projects
- **DIY Microcontroller – Hand Dynamometer** Posted in: How To – DIY – Projects
- **Design and Development of an Automated Home Control System Using Mobile Phone** Posted in: Home Automation Projects, Phone Projects
- **Interfacing Ultrasonic Distance Sensor : ASCII Output with PIC Microcontroller** Posted in: Interfacing(USB – RS232 – 12c -ISP) Projects
- **Digital clock ds1307 using PIC microcontroller** Posted in: Clock – Timer Projects
- **The Magnetometer using PIC16F688** Posted in: Metering – Instrument Projects, Projects
- **AC power control with thyristor using pic microcontroller** Posted in: Other Projects
- **Schematic PIC Data Logger with Delta-Sigma Converter** Posted in: Other Projects
- **Sending SMS Text Message using PIC Microcontroller – Flowcode** Posted in: GPS Based Projects
- **motor controller for R/C models** Posted in: Motor Projects
- **PC Based Digital Voltmeter Using PIC 16F877A** Posted in: Metering – Instrument Projects
- **PIC 16F877 microcontroller based RPM Meter** Posted in: Metering – Instrument Projects
Weathometer Using PIC Microcontroller 16F877A and Seven Segments Display (0-30V)
Posted in: Metering – Instrument Projects

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

Universal High-Power LED Driver – Firmware update using PIC16F1823
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Android App Home Automation via Bluetooth Using PIC16F628A Microcontroller
Posted in: Bluetooth Projects, Home Automation 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

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

3 LED Bike Light for PIC10F200
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Using PicBasic with the PIC16F84 PIC Microcontroller
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Simple RS232 to logic level converter for PIC microcontroller
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How to Glow an LED using PWM with PIC Microcontroller
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A video game with software generated video signal!
Posted in: Game – Entertainment Projects

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

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

Complete Intro To PIC’s – Make an LED Flash Video
Posted in: LED Projects, Projects

PIC18F252 Programming
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PIC32 Multimedia Expansion Board Review Video
Posted in: Development Board – Kits Projects, LCD Projects, Projects

PIC-Microcontroller C Tool flow Video
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How to use the EQ PIC Development Board Video
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Pocket Programmer
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How to interface 16x2 LCD in 4-bit mode with PIC18F4550
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How to work with External (Hardware) Interrupts of PIC18F4550
Posted in: How To – DIY – Projects, Projects, Tutorials

Displaying Images on Graphical Lcd(JHD12864E) using Pic16f877 Microcontroller
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How to work with inbuilt Analog Comparators of PIC18F4550
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20 LED BADGE using PIC12F629 Microcontroller
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How to make(build) a Calculator using Pic16f877 microcontroller
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PIC LICK-1 using PIC16F84 Microcontroller
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A memory game using a PIC16F84a microcontroller
Posted in: Game – Entertainment Projects, Projects

Serial Data Transfer to PC(Personal Computer) using PIC16F877 Microcontroller USART
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PIC16F877 timer0 code and Proteus simulation
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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
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15x7 Display using a PIC16F628 Microcontroller
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PIC16F84A internal EEPROM code and Proteus simulation
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Photo film processor
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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
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PIC12F675 external interrupt code and Proteus simulation

Weather meter using PIC 16F877 Microcontroller
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Vehicle Theft Control System by Using GSM and GPS Systems

Feedback / Suggestions

How to interface keypad with PIC12F675

PIC12F675 timer1 code and Proteus simulation

Two way Simple Very Small Telephone Exchange

PIC12F675 timer0 code and Proteus simulation

How to drive an rgb led using PIC16F877A

Voice controlled wheelchair

A Versatile PIC16F876A Based Robot

Arduino to PIC Communication using PIC18LF4520

Compact PIC18F1320 Microcontroller Board

LEDactus using PIC18F1320 Microcontroller

PIC Based Message wand

Arduino powered temperature sensing RGB LED nightlight using PICaxe

FTS-8 subtone encoder

dsPIC30F2012 breadboard

Logic Probe Plus using PIC12F683

How Seven Segment Display Multiplexing with PIC Microcontroller for Electronic Sign

Buck converter using pic microcontroller and IR2110

Making a binary clock using a PIC16F88

Bit-Banging Serial Interfaces for the Low-End and Mid-Range PICMicros using PIC16F84

A PIC16F819 DYMOLOCK

Using an LCD’s for Graphics Animation using PIC16C84

PIC16F84A discolight effect with bass beat control

USB and PIC Microprocessors 16C745 and 18F2455

How to interface Seven Segment Display with PIC18F4550 Microcontroller

Servo Motor Controller using PIC12F628

Bicycle Persistence of Vision Light Display using PIC16F84

PIC based WWVB clock

An Arduino me-too- alike for PIC16F873A

Digital stopwatch using microcontroller

Converting a Proxtron MF70 Milling Machine To CNC – 2 using PIC18F4620

TIMED DISCHARGE ADAPTER using PIC16F628

2-wire LCD interface using PIC16CF84

Naked Clock using PIC16F877 Microcontroller

NETWORK EQUIPMENT RESETTER using PIC16F628

TRACK CONTROLLER FOR AWANA® GRAND PRIX using PIC16F628

Traffic Message Channel receiver using PIC18F8722

Tampered Energy Meter Monitoring Conveyed to Control Room by GSM with User Programmable Number Features

Lab 4: Interfacing a character LCD using PIC16F688

Vehicle Theft Control System by Using GSM and GPS Systems
- PIC16F877 timer 1 code and Proteus simulation Posted in: Clock – Timer Projects, Projects
- Single microcontroller based 12v to 230v inverter with intelligent battery charging Posted in: power – energy projects
- Big 7-segment Digital Clock Posted in: Clock – Timer Projects
- IR Remote Controlled Tracked Robot Posted in: Robotics – Automation Projects
- PIC16F877A LED blink Posted in: LED Projects
- Red Light for Astronomy Observing using PIC12F683 Posted in: Home Automation Projects, LED Projects, Projects
- PIC16F628 DS18B20 Adjustable thermometer circuit Posted in: Development Board – Kits Projects
- Refrigerator Temperature Controller Project (Save Your Electricity Bill) Posted in: Temperature Measurement Projects
- PicoDetector : a PIC-based simple and cheap metal detector Posted in: LED Projects
- PIC16F84A MemoSound Game Posted in: General Projects
- Interfacing DS1307 to PIC Microcontroller with C code and Circuit Diagram Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- 0-9999 seconds count down timer using PIC12F683 microcontroller Posted in: LED Projects
- Incredible DIY iPhone Macro Posted in: Phone Projects
- Chromation Systems RGB LED Tube Light Posted in: LED Projects
- d.i.y. Handheld Multichannel Analyzer (MCA) based on 16F877 PIC Microcontroller and LCD Posted in: LCD Projects
- Christmas card with inbuilt retro video game for under $10 Posted in: Game – Entertainment Projects
- New Microchip PIC32 Microcontrollers Run at 72MHz Posted in: Development Board – Kits Projects
- PIC 16F88 Digital Thermometer Light Meter and resistance ohm meter. Posted in: Metering – Instrument Projects
- IC-Based H-Bridge Tutorial Posted in: Motor Projects
- MTM Scientific, Inc... PIC Project for CATV Tuner Posted in: Other Projects
- Single-Tube nixie clock | Microcontroller Project Posted in: Clock – Timer Projects
- PIC Microcontroller Based Electrical Lock Posted in: LCD Projects
- Microcontroller based Diode and Bipolar Junction Transistor (BJT) tester Posted in: Development Board – Kits Projects
- Standalone BreadBoard Breakout for PIC Microcontrollers Posted in: Development Board – Kits Projects
- Ultrasonic Position System Posted in: Development Board – Kits Projects
- PIC16F877A (with LCD) not working Posted in: LCD Projects, Temperature Measurement Projects
- Ionization Smoke-Detector With Programmable Calibration Posted in: Sensor – Transducer – Detector Projects
- Microcontroller Based Password Verification System Posted in: Other Projects
- Up-Down counter on 162 LCD using 8051 microcontroller Posted in: LCD Projects, Microcontroller Programmer Projects
- How to display text on 16x2 LCD using PIC18F4550 Microcontroller Posted in: LCD Projects
- Interfacing LCD with PIC Microcontroller – CCS C Posted in: LCD Projects
- Mini project board for PIC12F series microcontrollers Posted in: Development Board – Kits Projects, Projects
- How to Program a PIC Microcontroller to Build a Project Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Tresle – A 3-phase speaker system for Leslie emulation using PIC18F26K20 Posted in: Projects, Sound – Audio 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 (cs888) 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
- 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 (pinguno+web+linksys) using PIC18F2550 microcontroller Posted in: LED Projects, Projects
- Shriker 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
- Hard Drive Clock using PIC16F628 Posted in: Clock – Timer Projects, Projects
- Pimp My Rocket (Espresso Machine) Posted in: LED 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 Simulation 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 16F690 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
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• Microcontroller Tutorial 4/5: Creating a Microcontroller Circuit Board posted in: Development Board – Kits Projects
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• 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
• 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 16F817 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 & Stimulator) 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 12I675 JDM Programmer (Cheap and Easy) posted in: Development Board – Kits Projects
• Wave JT – Larson Scanner with Joule Thief posted in: LED Projects
• Aurora 9x18 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
- Breath 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
- 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 Posted in: Projects, Sensor – Transducer – Detector Projects, Tutorials
- PIC16F84A timer0 code and Proteus simulation Posted in: Clock – Timer Projects, Projects
- Chapter 1: PIC16F887 Microcontroller – Device Overview Posted in: Memory – Storage Projects
- Interfacing DC Motor with 8051 Microcontroller Posted in: Motor 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
- 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 PIC16F689 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 PIC12F683 Posted in: Battery Projects, Car Projects, Projects
- Ultrasonic Range Finder Circuit AD605 PIC16F876 Posted in: Development Board – Kits Projects
- Infrared Remote Controlled (RC) Steerable Vibrobot Created by Naghi Soltoudeh Posted in: Featured, Robotics – Automation Projects
- WHAT IS A PIC MICROCONTROLLER? WHAT CAN IT DO? Posted in: LCD Projects
- Keypad 4x5 for microcontrollers v. 1.1 using PIC16F877 Posted in: Projects, RTOS – OS Projects
- Curiosity Development Kit Board Posted in: Development Board – Kits Projects
- Electrical Subsystem Schematics Posted in: Sensor – Transducer – Detector Projects
- chipKIT Tutorial 4: Interfacing a character LCD Posted in: Development Board – Kits Projects
- chipKIT Project 1: Digital thermometer using an LM34 sensor Posted in: Development Board – Kits Projects
- chipKIT Project 2: Temperature and relative humidity logger Posted in: Development Board – Kits Projects
- chipKIT Tutorial 5: Pulse width modulation (PWM) Posted in: Development Board – Kits Projects
Feedback / Suggestions

- chipKIT Tutorial 6: Inter-Integrated Circuit (I2C) communication
- chipKIT Project 3: Easy Pulse Meter
- What is Chipkit Development Board?
- chipKIT Tutorial 2: Serial communication with PC
- 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 Project 7: Using Nokia 5110 LCD
- 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
- Wireless Sensor Motor Control using PIC18LF4520
- Circuit design and electronics using pic-microcontroller
- Oscilloscope clock
- make your own wearable LED display using pic-microcontroller
- 7 Segment LED display with PIC controller and Flowcode V5
- Granular Flow Rotating Sphere using pic-microcontroller
- USB digital GPIO I/O extender using pic microcontroller
- DIY Datalogger
- Mini AV Test Box using pic microcontroller
- OSOMCOM POCSAG BTS using pic microcontroller
- Steam Turret Tank R/C PIC Servo Controller
- About the Temperature Sensor using pic microcontroller
- SPI to 4 x UART Bridge (MULTIUART)
- How to interface GPS with PIC18F4550 Microcontroller
- The Most Useless Machine EVER!
- Updated PIC 18F4550 USB Demo Board Video
- Expanding the number of I/O lines using Microchip MCP23008 using pic microcontroller
- Multimeter Clock
- Connecting multiple tact switches with a single input pin of a microcontroller
- MikroElektronika's “Ready for PIC” board talks to “Processing” using pic microcontroller
- Nixie Tube Ornament
- GSM Voice Dialer with Automation Control using PIC18F46K20-I/PT
- 2-Wire Keypad Interface Using a 555 Timer using pic microcontroller
- NES Controller iPod Remote
- Hacking the Xbox CONTROLLER
- Humidity and temperature measurements with Sensirion's SHT1x/SHT7x sensors (Part 1) using pic microcontroller
- Joshua Marchi's Lab Notebook using pic microcontroller
- Semi-Automatic NERF Longshot
- CSCI 255 Lab using pic-microcontroller
- The ChromoDisk
- USB Keypad Demonstration – Crystal Free USB and mTouch™ Sensing Solutions using pic microcontroller
- Lucid Dream/Dream Recall Machine using infrared
- PIC MCUs: Hardware and Connections using pic-microcontroller
- eLab Hackspace GSM Access Control System
- CS2200 Intro to Systems and Networks using pic-microcontroller
- Aurora 9x18 RGB LED art
- Towers of Hanoi Final report using pic-microcontroller
- RC5/RC6 codes on a LCD using PIC16F648A
- Cheap Easy Solar Powered Robot
- Andy Robison's Lab Notebook using pic microcontroller
- Arduino controlled light dimmer
- Data logging with an EEPROM
- Computer Controlled Star
- Xbee Wireless Servo Control using PIC18LF4520
- How to Create an Eye Catching Display (LED Style)
• Remote Control mood light{air} Posted in: LED Projects
• An "Antique Radio" Christmas Present Posted in: LCD Projects
• Interactive LED Beer Pong Table 2.0 (BPT X5) Posted in: LED Projects
• One-chip sound player. Posted in: Sound – Audio Projects
• Mirror “Tube” – LED Optical illusion Posted in: LED Projects
• BlinkLED 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
• TTPS – 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
• Analog Experiments Anywhere Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Aurora 9x18 KJ Posted in: LED Projects
• The Rock 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
• JavaBot!.......... A line following robot Posted in: Robotics – Automation Projects
• Making a 8x40 LED matrix marquee using shift registers Posted in: LED Projects
• C-52EV8RobotController Posted in: Robotics – Automation Projects
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• 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
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• WLoader – a 16877 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]


• 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]


• 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 Clock  [Posted 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 coigun 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]

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• 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]

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• 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 PIC18F27J53  [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

• Interfacing VFD with PIC Microcontroller
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• Interfacing VFD with PIC Microcontroller
  Posted in: LCD Projects

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  Posted in: LED Projects

• Infrared 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
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• Marantz CD63SE laser transport mechanism replacement
  Posted in: Video – Camera – Imaging Projects

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  Posted in: Sound – Audio Projects

• Electronic Quiz Buzzer Circuit Diagram using PIC Microcontroller
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• PIC Microcontroller Architecture and Applications
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• A simple program for PIC microcontrollers
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• PIC – First Project
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  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
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• 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
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• 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

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• EMDP1 — Extensible Multiple Device Programmer 1 (Rev. C) using pic microcontroller
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• 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

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  Posted in: Other Projects, Projects

• A discussion on the drive-current for the outputs of a PIC12C508A microcontroller

• 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
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Relay Timer with PIC16F628 Posted in: Clock – Timer Projects, LCD Projects
Rotary Encoders Posted in: LED Projects, Motor Projects
Intelligent Fan Controller, Part 1 – Schematic using pic microcontroller Posted in: Temperature Measurement Projects
Multiple Servomotors Posted in: Motor Projects
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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
The One Chip Spinning RGB POV Display with conversion software using PIC18F4680 microcontroller Posted in: Other Projects, Projects
Digital DCF77 clock with LCD and qong using PIC16F628A Posted in: Clock – Timer Projects, Home Automation Projects, LCD Projects, Projects
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USB & GLCD expansion board for 8051SBC using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
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Stepper Motor Driver using PIC18F4550 Microcontroller Posted in: Motor Projects
A DDS Module based on the AD9835 using PIC16F84
Stepper Motor Speed Control with PIC18F4550
Infrared IR Sensor Interface with PIC18F4550 Microcontroller
USB Interface Board Tutorial Using PIC18F4550
RC Servo Switcher using pic microcontroller
PIC18F2550 : Blink LED using XC8 Compiler
PIC16F628 4 RGB LED PWM Controller using pic microcontroller
The Ultra-QP An Ultrasonic QSO Party Fun & Educational
Q-matic Circuit Application of PIC16F877 Microcontroller
Gen 3.2 PCS Board Design
Microcontroller Controlled Metal Detector Projects
PIC16F84 Evaluation Board
Seven Segment Display Thermometer with PIC Microcontroller
Music player built on microcontroller AT91SAM7S256 with ARM core
Build a digital spirit level using a SCA610 accelerometer using PIC16F684
Introducing PIC Microcontroller projects
Countdown Timer using PIC16F690 microcontroller
NJM2035 – Hi-Fi Stereo Encoder / Multiplexer using pic microcontroller
PIC based WWVB clock
Rainbow LED Chaser
Night Light Saver V3.2 (PIC12C508)
Building your own Simple Laser Projector using the Microchip PIC12F683 Microcontroller
C-52EV8 Robot Controller
USB Stepper Motor Driver using pic microcontroller
Real Time Clock Circuit using Microcontroller
Connect CAN-SPI with PIC Controller
Connect CAN Protocol with PIC
Connect ADC with PIC16F877
Connect ADC with PIC16F877
PIC microcontroller development board using pic microcontroller
Door lock opener
How-to: USB remote control receiver using pic microcontroller
Servomotor-based mobile robot control
PC Interfacing a GameBoy Camera using PIC18F4620 microcontroller
Right-left scrolling LEDs
PICMicro Programmer with the “Elcheapo” using PIC16F84
DMM Piggyback (add RS-232) using PIC16F688 microcontroller
Tejas Kulkarni’s Lab Notebook using pic microcontroller
PIC12F675 Microcontroller Based Security Alarm Circuit
SD Memory Card Interface using pic microcontroller
Connect to the PIC Microcontroller
Aurora mini 18 using PIC24FV16KA302 microcontroller
- PIC microcontroller based mini projects with circuit diagram
- PIC projects with source code