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
- 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 programmer 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 PIC16F866 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
• Twitter Watcher, the #twatch 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
• 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
• 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 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 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 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
• IK301L 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
- 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
- pic12f683 Microcontroller based Programmable LED Posted in: LED Projects
- 0-9999 seconds count down timer using PIC12F683 microcontroller Posted in: Clock – Timer Projects, Projects
- 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
- 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 PIC16F683 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 fingertip using PIC16F628A Posted in: Medical – Health based Projects, Projects
- PIC12F675 microcontroller as Flip Flop Posted in: Other Projects, Projects
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- Programmable digital timer switch using a PIC16F628A Posted in: Clock – Timer Projects, Projects
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- 2 Digit up/down Counter using PIC16F628A Posted in: Clock – Timer Projects, Projects
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- Microcontroller based Diode and Bipolar Junction Transistor (BJT) tester using PIC16F688 Posted in: Metering – Instrument Projects, Projects
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- Microcontroller based Diode and Bipolar Junction Transistor (BJT) tester using PIC16F688 Posted in: Metering – Instrument Projects, Projects
- 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 PIC16F84
- Make your own PIC Programmer using PIC16C508
- 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
- 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 PIC16F629
- 4 Channel DMX512 Driver for PIC16F1823
- 4-digit Up/Down counter with preset, reset, hold and overflow output using PIC16F88
- Binary/bcd to 7-segment decoder
- 4-digit Up/Down counter with preset and overflow output using PIC16F84
- 4 Channel PWM LED Chaser for PIC16F628A
- 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
- How to display text on 16×2 LCD using PIC18F4550
- How to interface GSM Module with PIC18F4550 Microcontroller
- PIC16F877 based simple calculator project
- PIC16F877 up down counter code and Proteus simulation
- PIC16F877 stop watch code and Proteus simulation
- PIC16F877 ADC code and Proteus simulation
- Interfacing of PIC16F877 with DS1307 (RTC) code and Proteus simulation
- Interfacing of PIC16F877 with (I2C based) 24LC64 EEPROM (Code + Proteus simulation)
- PIC16F877 internal EEPROM code and Proteus simulation
- PIC16F877 LCD interfacing code (in 4 bit 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
- 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
- PIC16F84A based simple calculator (Code+Proteus simulation) Posted in: Calculator 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
- PIC12F675 based simple calculator (Code + Proteus simulation) Posted in: Calculator Projects, Projects
- PIC12F675 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 LED blinking code and Proteus Simulation Posted in: Projects, PWM 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: How To – DIY – Projects, Sound – Audio Projects
- IR Proximity Motor Control using PIC18F452 Posted in: Motor 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
11/20/2017

**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**  
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**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**  
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**Simple manual control of stepper motors without a PIC or PC**  
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**Led matrix project using shift register and pic16f628a micro**  
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**LDR Based Line follower Robot Car using PIC Microcontroller**  
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**Electronic Voting Machine Using PIC Microcontroller**  
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**LED blinking using timer0 of pic16f877 microcontroller**  
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**Interfacing Camera with PIC Microcontroller via Matlab GUI**  

**Interfacing Dot Matrix led Display with PIC Microcontroller**  
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**MCP4921 12 bit DAC interfacing with PIC16F877 microcontroller via SPI Connectivity**  
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**Digital Voltmeter (0-50v) using PIC Microcontroller**  
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**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**  
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**Automatic street light control by pic microcontroller**  
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**Interfacing Relay with PIC Microcontroller**  
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**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**  
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**Interfacing GSM module with PIC Microcontroller**  
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**Servo motor control by Microcontroller PIC16F877 and MATLAB GUI**  
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**Interfacing Proteus with Matlab**  
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**Interfacing GLCD with PIC16F877A**  
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**Automated Railway Gate Controlled by PIC16F877A**  
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**Lm35 interfacing with pic 16f877 through adc0808**  
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**Scrolling Text on LCD by PIC Microcontroller**  
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**Simple Project on LED blinking by PIC 16 Microcontroller using pic Microcontroller**  
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**Switch Relay using pic-microcontroller**  
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**Interfacing with a Secure Digital (SD) card using pic-microcontroller**  
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**Heat Control System using pic-microcontroller**  
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**Driving a piezo speaker with a PIC using pic-microcontroller**  
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**SD-Card with CCS C Compiler using pic microcontroller**  
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Interfacing DHT11 humidity and temperature sensor with PIC16F877A using pic microcontroller

Line Follower Robot – Build it from scratch using pic microcontroller

USB data logger project using pic-microcontroller

Remote-Control Light Dimmer 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

Simple RS232C Level Converter using Transistors using pic microcontroller

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

Pickit 2 clone The Universal Microchip PIC Programmer /Debugger

60MHz Frequency Meter / Counter using pic microcontroller

Voltmeter Ammeter using pic microcontroller

ESR Meter using pic microcontroller

USB IO Board PIC18F2455 / PIC18F2550 using pic microcontroller

USB 0-500MHz RF Power Meter with AD8307 using pic microcontroller

How to drive a Dot Matrix LED Display 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

Disco Lights Project 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

Auto intensity control of street lights using pic microcontroller

OPEN-DESIGN CHARGE REGULATOR PROJECT

Computer-Controlled Light-Up Water Fountain

Usbpicprog – A free and open source USB Microchip PIC programmer (Software and Hardware) for Linux, Windows e MAC

What is PIC Microcontroller?

Audio spectrum analyzer on PIC32 using pic microcontroller

Bluetooth Wireless Voltage Meter using PIC12F683 microcontroller

Wooden LED clock using PIC16LF876A microcontroller

Traffic Light Controller using pic microcontroller

JDM2 based PIC Programmer

Analog to Digital Converter Using PIC16F877A Microcontroller – Beginners Guide using pic microcontroller
Reverse Engineering to Emulate Ink Cartridges for a Epson Printer using PIC18F
An LED Dice using a PIC 16F84 (or 16F88)
Minty JDM PIC Programmer using PIC18F4550 microcontroller
Cooking Timer using PIC16F819 microcontroller
Power Pic RGB with Infrared remote control using PIC12F675
Pic RGB color generator using PIC12F629
Read analog values without an ADC using PIC12F675 microcontroller
An Easy to build & multifunctional counter with 7-Segment Led Display using PIC16F628 microcontroller
PIC16F628 4 RGB LED PWM Controller
How to build your own PIC-Programmer using PIC12C50x
Pic-Plot2 GPIB to USB converter using PIC16F628
1Hz Clock Generator using PIC12F675
Ir On-Off using PIC12F629 microcontroller
A DCF77 Clock with RS232 Interface using PIC16F84
PIC 16F84 Serial Programmer
The IR Widget Using pic12f629
Blink a LED with Assembly Language & a PIC
DIY remote control based on PIC16F628
Build your own Wireless Network detector using PIC16F629
Serial LCD Module using PIC16F88
Revised version of the PIC12F microcontrollers breakout board
Interface a HD44780 Character LCD with a PIC Microcontroller
Breakout board for PIC16F1847 microcontroller
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
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• MICROCONTROLLER BASED INTERFACE UNIT FOR 5KW MICROWAVE OVEN Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects


• Blink LED with XC8 compiler using external Oscillator Posted in: LED Projects

• Harmonic Distortion Meter using PIC18F2550 Posted in: Metering – Instrument Projects, 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

• Microcontroller measures heart rate through fingertip Posted in: Medical – Health based Projects


• Design and Development of an Automated Home Control System Using Mobile Phone Posted in: Home Automation Projects, Phone Projects


• AC power control with thyristor using pic microcontroller Posted in: Other Projects

• Sending SMS Text Message using PIC Microcontroller – Flowcode Posted in: GPS Based Projects

• PC Based Digital Voltmeter Using PIC 16F877A Posted in: Metering – Instrument Projects

• PIC 16F877 microcontroller based RPM Meter Posted in: Metering – Instrument Projects

• Cell Phone Detector Posted in: Phone Projects

• Nokia 3315 / 3310 LCD interfacing with Microcontroller Posted in: LCD Projects, Phone Projects

• Digital DC watt meter project using pic microcontroller Posted in: Metering – Instrument Projects

• Picaxe LED night light Posted in: LED Projects

• Digital Thermometer and Clock Project (Version 1.0) Posted in: Clock – Timer Projects

• Projects on Speed Checker To Detect Rash Driving On Highways Posted in: Metering – Instrument Projects

• Generating PWM with PIC Microcontroller – MPLAB XC8 Posted in: PWM Projects

• Alarm Clock Retrofit using PIC16F877 Posted in: Clock – Timer Projects, Projects

• 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 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects

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• 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


• 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 Glow an LED 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  
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- A memory game using a PIC16F84A microcontroller  
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- PIC16F877 LED blinking code and Proteus simulation  
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- DC motor and Fan speed control using pic 16f877 Microcontroller  
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- 15x7 Display using a PIC16F628 Microcontroller  
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- How to display custom characters on LCD using PIC16F84A  
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- PIC16F84A LCD interfacing code (In 4bit mode) and Proteus simulation  

- PIC16c71 four channel digital voltmeter  
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- How to implement free running counter in PIC16F84A using seven segment display  
  Posted in: LCD Projects, Projects

- 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  
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- Making a binary clock using a PIC16F88  
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- A PIC16F819 DYMOCLK  
  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  
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- Bicycle Persistence of Vision Light Display using PIC16F84  
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- 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  
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- 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

- Introducing Easy Pulse: A DIY photoplethysmographic sensor for measuring heart rate  

- 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  
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- Interfacing GPS Receiver with 8051 Microcontroller -AT89C52  
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

- DC Motor Interfacing With PIC Microcontroller Using L293 Motor Driver IC  
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

- PWM DC Motor Speed Controller Circuit Using PIC16F877A Microcontroller  
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- Serial Controlled RGB LED PWM Driver PIC12F629 based PWM controller for RGB LEDs  
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http://pic-microcontroller.com/project-list/
- 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 16x2 Char LCD Interfacing with microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD 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
- 1. Serial interfacing LCD with Pic Microcontroller Posted in: LCD Projects
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- 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
- 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
- Alarm Phone Dialer with MT8880 and PIC 16F84A Posted in: Phone Projects
- Metal detector robot using PIC microcontroller

- Digital Barometer using PIC Microcontroller and MPX4115A Pressure Sensor – XC8

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- Simple Button Keypad – Microcontroller
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- PIC 16F917 Gyroscope interface

- Easy 16F84 Microcontroller Programmer – JDM
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- How to get started with PICAXE 08M microcontroller
  Posted in: Other Projects

- LEDs sync to music (with pics of my awesome computer case mod)
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- PIC MicroController Volume Adjuster Program(Proteus 8 Stimulation)
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30 volts Panel Volt Meter Using PIC MCU

Tiny AVR Microcontroller Runs on a Fruit Battery

Breathealyzer circuit using 8051

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Password Based Door Lock System using 8051 Microcontroller

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PIC microcontroller power supply circuit by Chavap

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Know the Procedure of GSM Modem Interfacing with 8051

RFID Based Attendance System – Circuit, Working, Source Code

Simple mass storage for your microcontroller project

Wireless controlled lighdimmer using PIC12F629

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Serial Data Received from PC and Displayed on 16×2 Using USART of Pic16F877 Microcontroller

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Top Microcontroller based Mini Projects for 3rd and 4th Year Engineering Students

A new multi-function power supply unit for my Embedded Lab using PIC16F889

Build a musical EKG with the Freescale FRDM-KL05

Audio CRO using PIC12F675 Microcontroller

Automotive Voltage Monitor using PIC16F883

RS232 – Infra-Red Interface

Amicus18: Arduino-style platform for PIC fans using PIC18F25K20

Ultrasonic Range Finder Circuit AD605 PIC16F876

Infrared Remote Controlled (RC) Steerable Vibrobot Created by Naghi Sotoudeh

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- **Bluetooth-Controlled Guitar FX Amplifier**. Posted in: **Sound – Audio Projects**
- **Isolated RS232C for PIC16F84**. Posted in: **Projects, Sound – Audio Projects**
- **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**
- **PIC18F452 LED Blinks Code and Proteus Simulation**. Posted in: **LED Projects, Projects**
- **PIC16F690 Microcontroller Circuit- How to Drive an LED Display**. Posted in: **LED 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**
- **10-minute sewable iPod remote using PIC10F222 microcontroller**. Posted in: **Other Projects, Projects**
- **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**. Posted in: **Interfacing(USB – RS232 – I2c -ISP) Projects, Other Projects, Projects, RTOS – OS Projects**
- **Wireless 10 channel receiver using PIC16F630**. Posted in: **Internet – Ethernet – LAN Projects, Projects**
- **LED Interface 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**. Posted in: **Interfacing(USB – RS232 – I2c -ISP) Projects, Projects**
- **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**
- **Electrical Subsystem**. Posted in: **Other Projects**
- Wireless PICAXE-based water tank level sensor  

- Driving LCD directly from PIC 
  Posted in: LCD Projects

- Spooky Led Lamp using PIC12F675 microcontroller 
  Posted in: LED Projects, Projects

- Matrix Keypad interfacing with PIC microcontroller 
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

- 2-Wire Keypad Interface using a 555 Timer using PIC16F628A 

- THE SIMPLE ROVERBOT 
  Posted in: Robotics – Automation Projects

- PIC-Programmer 2 for PIC16C84 etc. 
  Posted in: Development Board – Kits Projects

- An Introduction to Brushless DC Motor Control 
  Posted in: Motor Projects

- Roll and temperature sensor applications using PIC18F2550 

- MEASURING HEART RATE USING A PHOTOPLETHYSMOGRAPHIC CARDIOTACHOMETER 
  Posted in: Medical – Health based Projects

- pic-microcontroller 
  Posted in: Microcontroller Programmer Projects

- Digital clock ds1307 using PIC microcontroller 
  Posted in: Clock – Timer Projects

- PIC based Oszilloscope 
  Posted in: Other Projects

- The Magnetometer using PIC16F688 
  Posted in: Metering – Instrument Projects, Projects

- Leon's Mini Random Number Generator 
  Posted in: Calculator Projects

- 8051-PIC MICROCONTROLLER PROJECTS 
  Posted in: Microcontroller Programmer Projects

- Mädchen Machen Technik 
  Posted in: Other Projects

- IR On/Off Switch Using Microcontroller 
  Posted in: Home Automation Projects

- TD-USB-01 interface with mouse sensor board using PIC18F2550 

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

- Simple Power Guard – PIC12F683 
  Posted in: Metering – Instrument Projects

- Making a simple clap switch using PIC12F683 
  Posted in: Metering – Instrument Projects, Projects

- Temperature controlled fan using PIC 16F877A 
  Posted in: Other Projects

- An AVR microcontroller based Ethernet device 
  Posted in: Internet – Ethernet – LAN Projects

- LED Heart PWM Fading using PIC18F252 
  Posted in: Game – Entertainment Projects, LED Projects, Projects, PWM Projects

- motor controller for R/C models 
  Posted in: Motor Projects

- DIY Digital Clock with Temperature Display using PIC Controller 
  Posted in: Clock – Timer Projects

- Tiny PIC bootloader using PIC16F microcontroller 
  Posted in: Projects, RTOS – OS Projects

- Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors using PIC18F2550 (Part 2) 

- Digital Count Down Timer using PIC Microcontroller 
  Posted in: Other Projects

- Interfacing Bluetooth Module HC-06 with PIC Microcontroller 
  Posted in: Other Projects

- 50 MHz frequency counter, voltage meter & SWR/PWR indicator using PIC16C71 

- UART Communication using PIC Microcontroller 
  Posted in: Other Projects

- Interfacing Servo Motor with PIC Microcontroller using MPLAB and XC8 
  Posted in: Motor Projects

- GPS REPEATER/SYSTEMS MONITOR using PIC16F876 
  Posted in: GPS Based Projects, Projects

- Generating PWM using PIC Microcontroller with MPLAB and XC8 
  Posted in: PWM Projects

- DIY Microcontroller – Hand Dynamometer 
  Posted in: How To – DIY – Projects

- Using ADC Module of PIC Microcontroller with MPLAB and XC8 
  Posted in: LED Projects

- LabVIEW motion controller using pic microcontroller 
  Posted in: LED Projects

- 7 Segment Display Interfacing with PIC Microcontroller 
  Posted in: LCD Projects
• LCD interface with Microcontroller PIC: Beginner’s guide using pic microcontroller
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, 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 Bits
  Posted in: LED Projects

• Infra-Red Transmitter using PIC12F675 microcontroller
  Posted in: Internet – Ethernet – LAN Projects, Projects, Radio 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

• Digital Thermometer using PIC Microcontroller and LM35 Temperature Sensor
  Posted in: Sensor – Transducer – Detector 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
  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

• HandySwipe portable magnetic card reader using PIC16F688

• 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

http://pic-microcontroller.com/project-list/
• Joy Stick Controller using PIC12F629 Posted in: Game – Entertainment Projects, Projects
• PIC Projects: Digital Temperature Controller Posted in: Temperature Measurement Projects
• Using Multiplexed 7 Segment Displays – PIC Microcontroller Tutorial Posted in: LED Projects
• Interfacing HC-SR04 Ultrasonic Sensor with PIC Microcontroller Posted in: Sensor – Transducer – Detector Projects
• Pic-Plot2 GPIB to USB converter Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• Interfacing Ultrasonic Distance 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) Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Memory – Storage Projects, Projects
• LED Infinity Mirror Controller, 32 LEDs, Multiple Patterns using PIC12F675 Posted in: LED 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
• TrH Meter: A DIY indoor thermometer plus hygrometer with adaptive brightness control implemented to 7-segment LED displays Posted in: Metering – Instrument 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
- 00 to 99 minute timer using PIC16F628A microcontroller [posted in: Clock – Timer Projects]
- RGB LED Mood Light Standalone PWM controller for RGB LEDs using PIC12F628 [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]
- How to make a contact-less digital tachometer using IR-light reflection technique [posted in: Metering – Instrument 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]
- Pocket Programmer [posted in: Microcontroller Programmer Projects]
- Heart rate measurement from fingertip [posted in: Sensor – Transducer – Detector Projects]
- How to interface 16x2 LCD in 4-bit mode with PIC18F4550 [posted in: LCD Projects, 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]
- 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]
- AC Voltage measurement using PIC16F877A microcontroller [posted in: Metering – Instrument Projects]
- PIC16F84A internal EEPROM code and Proteus simulation [posted in: Memory – Storage Projects, Projects]
- Interfacing 16x2 Lcd With 8051 Circuit Pin Diagrams [posted in: LCD Projects]

http://pic-microcontroller.com/project-list/
- Digital frequency meter using PIC microcontroller Posted in: Metering – Instrument Projects
- Photo film processor Posted in: Video – Camera – Imaging Projects
- Temperature sensor using PIC16F877A microcontroller Posted in: Temperature Measurement Projects
- PIC12F675 timer1 code and Proteus simulation Posted in: Clock – Timer Projects, Projects
- Green house intelligent control system Posted in: Sensor – Transducer – Detector Projects
- PIC12F675 timer0 code and Proteus simulation Posted in: Clock – Timer Projects, Projects
- Automatic control of street lights Posted in: Sensor – Transducer – Detector Projects
- How to drive an rgb led using PIC16F877A Posted in: How To – DIY – Projects, LED Projects, Projects
- F1 Gantry Race Start Lights using PIC16F684 Posted in: LED Projects, Projects
- Auto intensity control of street lights using pic microcontroller Posted in: Sensor – Transducer – Detector Projects
- Digital Ohmmeter circuit using pic microcontroller Posted in: Metering – Instrument Projects
- A Versatile PIC16F876A Based Robot Posted in: Projects, Robotics – Automation Projects
- DS18S20 interfacing with pic and avr microcontroller Posted in: Sensor – Transducer – Detector Projects
- Bootloader for 16F87x PIC Microcontrollers Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Controlling a Servo with a PICAXE and an IR Sensor Posted in: Motor Projects
- LEDActus using PIC18F1320 Microcontroller Posted in: LED Projects, Projects
- H-Bridge Microchip PIC Microcontroller PWM Motor Controller Posted in: PWM Projects
- PIC Based Message wand Posted in: LED Projects
- Interfacing the Microchip PIC18F Microcontroller Master Synchronous Serial Port (MSSP) to various I2C Devices Posted in: Other Projects
- Prototype: Openbench Logic Sniffer logic analyzer using pic microcontroller Posted in: Other Projects
- The Line Follower Robot with Texas Instruments 16-Bit MSP430G2231 Microcontroller Posted in: Robotics – Automation Projects
- PIC16F84A discolight effect with bass beat control Posted in: Motor Projects
- Stepping Into the 16-bit World with the Microchip 16-bit PIC24F16KA102 Family Microcontroller Posted in: Other Projects
- PIC based WWVB clock Posted in: Clock – Timer Projects
- Building your own Simple Laser Projector using the Microchip PIC12F683 Microcontroller Posted in: Motor Projects
- Build Your Own Simple and Easy PICAXE Microcontroller Based Photovore Robot Posted in: Other Projects
- TIMED DISCHARGE ADAPTER using PIC16F628 Posted in: Clock – Timer Projects, Projects
- PIC18 Pulse Width Modulation (PWM) DC Motor Speed Controller with the RPM Counter Project Posted in: Motor Projects
- 2-wire LCD interface using PIC16CF84 Posted in: LCD Projects
- Servo Camera Switch using PIC12F675 microcontroller Posted in: Projects, Video – Camera – Imaging Projects
- Introduction to the Embedded System with PICAXE Microcontroller Posted in: Other Projects
- TRACK CONTROLLER FOR AWANA® GRAND PRIX using PIC16F628 Posted in: Other Projects, Projects
• 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


• 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


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

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


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


• 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


• 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

• IRK! Infrared Remote Controlled USB Keyboard Without Keys using PIC18F2550 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects

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

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


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

• Closed-Caption Decoder using PIC16C84 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects

• 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 PIC16F84 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 pic18f455
- Programming a Picaxe 08m chip
- Interfacing Relay to Microcontroller
- The VGA 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 1bit 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
- 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
• In-Circuit PIC Loader using PIC18F458 microcontroller. Posted in: Microcontroller Programmer Projects, Projects
• Complete Intro To PIC’s – Make an LED Flash Video. Posted in: LED Projects, Projects
• Compact PIC18F1320 Microcontroller Board. Posted in: Development Board – Kits Projects, Projects
• Record Infrared Codes of Any Remote Control Unit for Usage with Linux Infrared Remote Control (LiRC) on Raspberry Pi. Posted in: Other Projects
• 5 LED CUBE Controller for PIC16F688.Posted in: LED Projects, Projects
• Single microcontroller based 12v to 230v inverter with intelligent battery charging. Posted in: power – energy projects
• IR Remote Controlled Tracked Robot. Posted in: Robotics – Automation Projects
• Refrigerator Temperature Controller Project (Save Your Electricity Bill). Posted in: Temperature Measurement Projects
• Mini PIC Dev Board using PIC18F452. Posted in: Development Board – Kits Projects, Projects
• Dual 4-digit seven segment LED display with SPI interface using PIC12F. Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LED Projects, Projects
• PIC16F84A MemoSound Game. Posted in: LED Projects
• Interfacing DS1307 to PIC Microcontroller with C code and Circuit Diagram. Posted in: Interfacing(USB – RS232 – I2c -ISP) 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
• PIC16F88 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
• 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
• PIC12F microcontroller project board. Posted in: Development Board – Kits Projects, Projects
• Ultrasonic Position System. Posted in: Development Board – Kits Projects
• PIC16F877A (with LCD) not working. Posted in: LCD Projects, Temperature Measurement Projects
• Microcontroller Based Password Verification System. Posted in: Other Projects
• How to display text on 16×2 LCD using PIC18F4550 Microcontroller. Posted in: LCD Projects
• How to Program a PIC Microcontroller to Build a Project. Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Treslie – 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
• IO Controller with serial port CLI using PIC16F627A. Posted in: Other Projects, Projects
• Electronic Code locking system using PIC 16F877 Microcontroller Posted in: Microcontroller Programmer Projects
• VCR Pong using PIC16C711 Microcontroller Posted in: Projects, Video – Camera – Imaging Projects
• Voltage programmable simple logic device using PIC12F675 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• Cooper Bills (csb88) and Anish Borkar (ab673) Posted in: LED Projects
• PIC microcontroller Beginner’s guide: Basic connection circuit Posted in: Development Board – Kits Projects
• Project Board using PIC18F2550 microcontroller Posted in: Development Board – Kits Projects, Projects
• How to take input with PIC18F4550 Microcontroller Posted in: LED Projects, Projects
• Interfacing16X2 LCD with PIC Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• Video Clock Superimposer using PIC16C711 Posted in: Clock – Timer Projects, Projects
• PIC12F675 external interrupt code and Proteus simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, 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
• Knight Rider Light computer – version 2 Posted in: LED 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
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