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
- 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
• 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/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 Dislay 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
• HAPPY BIRTHDAY using PIC12F629 Microcontroller Posted in: Game – Entertainment Projects, Home Automation Projects, Projects

• Motion detection alarm using a PIR sensor module with a PIC12F635 Posted in: Projects, Security – Safety Projects, Sensor – Transducer – Detector Projects

• Wifi robot vehicle controlled by PIC16F628A Posted in: Internet – Ethernet – LAN Projects, Projects, Robotics – Automation 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

• Wireless MultiMeter using PIC18F452 Microcontroller Posted in: Metering – Instrument Projects, Projects, Radio Projects

• Digital Thermometer Using PIC16F688 microcontroller Posted in: Projects, Temperature Measurement 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

• Electronic combination lock based on PIC16F84 Posted in: Projects, Security – Safety Projects

• Make your own PIC Programmer using PIC12C508 Posted in: Microcontroller Programmer Projects, Projects

• Rs 232 Relay Control Board using PIC16F84A Posted in: Development Board – Kits Projects, Projects

• Microchip pic16f877 to FTDI USB interface Posted in: Interfacing(USB – RS232 – I2c –ISP) Projects

• Gear Clock using PIC16F676 Microcontroller Posted in: Clock – Timer Projects, Projects

• Digital Oscilloscope using PIC16F688 Posted in: Metering – Instrument Projects, Projects

• Build a digital clock with its digits levitating in the air using PIC16F84 Posted in: Clock – Timer Projects, Projects

• LC meter using PIC16F628A Microcontroller Posted in: Metering – Instrument Projects, Projects

• Home Automation and Safety via GSM Remote Posted in: Home Automation Projects, Projects

• SMS Box project using PIC16F877A Microcontroller Posted in: Phone Projects, Projects

• Tiny GSM alarm system using PIC16F84A Posted in: Phone Projects, Projects, Security – Safety Projects

• Function Generator using PIC16F870 microcontroller Posted in: Metering – Instrument Projects, Projects

• OBD-II ELM327 compatible AllPro adapter using PIC18F2455 Posted in: Car Projects, Interfacing(USB – RS232 – I2c –ISP) Projects, Projects

• Pickit 2 Download & Develop Your own USB pickit ii programmer Posted in: How To – DIY – Projects, Microcontroller Programmer Projects, Programmers, Projects
• PIC16F877 PWM (2 channel) code and Proteus simulation Posted in: Projects, PWM Projects
• Interfacing of PIC12F676 with DS1307 (RTC) code and Proteus simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) 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
• 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 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 PIC12F675 GPIO pin as input (Code + Proteus simulation) Posted in: Interfacing(USB – RS232 – I2c -ISP) 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 PWM Code and Proteus Simulation Posted in: Projects, PWM Projects
• PIC18F452 UART code and Proteus Simulation Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
• Frequency Counter using PIC16F877A Microcontroller Posted in: LCD Projects, Metering – Instrument 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
• PICkit3 Programming With MPLABX Posted in: Microcontroller Programmer Projects, Projects
• RGB LED Controller using PIC18F452 Posted in: LED Projects, Projects
• Making your own Digital Clock using PIC16F887 Posted in: Clock – Timer Projects, How To – DIY – Projects, Projects
• 6 Digits LED 7-Segment Multiplexing using PIC16F627A Posted in: LED Projects, Projects
• A Simple Clock using DS1307 and PIC16F877A Posted in: Clock – Timer Projects, Projects
• Making a Digital Clock using PIC16F628A Posted in: Clock – Timer Projects, Projects
• PIC based UPS Schematic / Firmware / PCB Layout Posted in: Battery Projects, Blog, Projects, PWM Projects
• Weather station using PIC18F452 Microcontroller Posted in: CNC Machines Projects, Home Automation Projects, Projects
• PIC programmer using PIC16F84A Microcontroller Posted in: Microcontroller Programmer Projects, Projects
• Digital Watt meter using PIC16F876 Posted in: Metering – Instrument Projects, Projects
• Stepper Motor Controller using PIC16C84 Posted in: Motor Projects, Projects
• PIC Countdown Timer using PIC16f84a Posted in: Clock – Timer Projects, Projects
• Analog & Digital propeller clock using PIC16C84 Posted in: Clock – Timer Projects, Projects
• WIRELESS REMOTE CONTROL for Raymarine ST4000 Autopilot using PIC16F628 Posted in: Projects, Radio Projects
• DATA LOGGER measures and stores voltage using PIC16F876 Posted in: Battery Projects, Metering – Instrument Projects, Projects
• Automatic School Bell Posted in: Electronics News and Updates, Home Automation Projects
• Servo Motor Control by using Microcontroller PIC16F877A Posted in: Motor Projects
• Simple manual control of stepper motors without a PIC or PC Posted in: Motor Projects
• Led matrix project using shift register and pic16f628a micro Posted in: LED Projects
• LDR Based Line follower Robot Car using PIC Microcontroller Posted in: Robotics – Automation Projects
• Electronic Voting Machine Using PIC Microcontroller Posted in: CNC Machines Projects
• LED blinking using timer0 of pic16f877 microcontroller Posted in: LED Projects
• Interfacing Dot Matrix led Display with PIC Microcontroller Posted in: LED Projects
• Digital Voltmeter (0-50v) using PIC Microcontroller Posted in: Metering – Instrument 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
- Blinking LED using PIC Microcontroller with Hi-Tech C Posted in: LED Projects
- How to burn or program PIC Microcontroller? Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Circuit Digital Clock Using PIC16F628a Microcontroller Schematics Posted in: Clock – Timer Projects
- Pickit 2 clone The Universal Microchip PIC Programmer /Debugger Posted in: Microcontroller Programmer Projects
- 60MHz Frequency Meter / Counter using pic microcontroller Posted in: Metering – Instrument Projects
- Voltmeter Ammeter using pic microcontroller Posted in: Metering – Instrument Projects
- ESR Meter using pic microcontroller Posted in: Metering – Instrument Projects
- USB IO Board PIC18F2455 / PIC18F2550 using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- How to drive a Dot Matrix LED Display using pic microcontroller Posted in: How To – DIY – Projects, LED Projects
- How to Interface GSM Module SIM300 with PIC 16F628A Microcontroller for sending SMS and making Calls using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Water Level Indicator and Controller using PIC Microcontroller Posted in: Temperature Measurement Projects
- Disco Lights Project using pic microcontroller Posted in: LED Projects
- Digital Alarm Clock Schematic using pic microcontroller Posted in: Clock – Timer Projects
- Induction Heater with CKM005 Microcontroller Posted in: Metering – Instrument Projects
- The Wooden Menace – a Mighty Robotic Arm Powered by Servos using pic microcontroller Posted in: Robotics – Automation Projects
- Spectrum analyzer based PIC18F4550 Posted in: LCD Projects
- Auto intensity control of street lights using pic microcontroller Posted in: Home Automation Projects
- OPEN-DESIGN CHARGE REGULATOR PROJECT Posted in: power – energy projects
- Computer-Controlled Light-Up Water Fountain Posted in: Robotics – Automation Projects
- Usbpicprog – A free and open source USB Microchip PIC programmer (Software and Hardware) for Linux, Windows e MAC Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- What is PIC Microcontroller Posted in: Compilers, News & Updates, Programmers, Projects, Tutorials
- Audio spectrum analyzer on PIC32 using pic microcontroller Posted in: Sound – Audio Projects
- Wooden LED clock using PIC16LF876A microcontroller Posted in: Clock – Timer Projects, LED Projects, Projects
- Traffic Light Controller using pic microcontroller
- JDM2 based PIC Programmer
- Analog to Digital Converter Using PIC16F77A Microcontroller – Beginners Guide
- 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 PIC12F629
- 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 Posted in: Memory – Storage Projects
• Automatic Charger Sharing for Motorcycle Battery Charger using PIC16F628A Posted in: Battery Projects, Car Projects, Projects
• Precision Delay Timer for PIC16F628A Posted in: Clock – Timer Projects, Projects
• Seven Segment Multiplexing using PIC18F4550 Microcontroller Posted in: Clock – Timer Projects, Projects
• Audio spectrum analyzer using PIC18F4550 Posted in: Projects, Sound – Audio Projects
• Lift Counter using PIC12F629 Microcontroller Posted in: Clock – Timer Projects, Projects
• MUSIC BOX using PIC12F629 Microcontroller Posted in: Game – Entertainment Projects, Projects
• SKY WRITER using PIC12F629 Microcontroller Posted in: LED Projects, Projects
• SOLAR TRACKER-1 using PIC12F629 Microcontroller Posted in: Home Automation Projects, Motor Projects, Projects
• Touch Switch using PIC12F629 Microcontroller Posted in: How To – DIY – Projects, Projects
• Echo MP3 player using PIC18LF452 Posted in: How To – DIY – Projects, Projects, Sound – Audio Projects
• Understanding ICSP for PIC Microcontrollers Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Dual programmable keypad code lock using PIC18F452 Posted in: Projects, Security – Safety Projects
• Electronic door codelock with PIC Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• 100KHz Square Wave generator using PIC16C84 Posted in: Other Projects, Projects
• Homemade Scope Clock DG7 tube and PIC16F876 Posted in: Clock – Timer Projects, Home Automation Projects, How To – DIY – Projects, Projects
• 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
- 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
  Posted in: Medical – Health based Projects, Sensor – Transducer – Detector Projects
- Digital DC Power supply using PWM with PIC microcontroller
  Posted in: PWM Projects
- Home Automation and Security System using Microcontroller ATMEGA8 with Arduino Programming
  Posted in: Home Automation Projects
- PIC16CXXX real time clock electronic project
  Posted in: Clock – Timer Projects
- Interfacing GPS Receiver with 8051 Microcontroller -AT89C52
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- 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
  Posted in: Motor Projects
  Posted in: PWM Projects
- Serial Controlled RGB LED PWM Driver PIC12F629 based PWM controller for RGB LEDs
  Posted in: LED Projects, Projects, PWM Projects
- How to Build your Own USB PIC Programmer?
  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Microchip PIC Serial Port Programmer
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- LM396 based stereo audio amplifier with digital volume control using PIC18F2550
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- PIC 16F88 Microcontroller PIC based Tendo
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- Line following Robotic Vehicle using Microcontroller
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- Infrared IR Sensor Interface with PIC18F4550 Microcontroller
- Digital Clock Using Microcontroller 89C52/89S52
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- How to interface RFID with PIC18F4550 Microcontroller
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- Home Security System with GSM Using 8051 Microcontroller
- Strobe Lights Project
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- HD44780 16×2 Char LCD Interfacing with microcontroller
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- Interfacing 7-Segment Display With PIC Microcontroller – MikroC
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- 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
MOTION SENSOR USING PIR SENSOR MODULE WITH PIC MICROCONTROLLER AND WITHOUT MICROCONTROLLER

Top PIC Microcontroller Projects with Embedded C Programming

Digital Ammeter circuit using pic microcontroller

USB Human Interface Device Communication with PIC Microcontroller – Mikroe

Solar energy measurement using pic microcontroller

Pic Projects With Schematics And Source Code

PIC16F877 timer1 code and Proteus simulation

Big 7-segment Digital Clock

PIC16F877A LED blink

Rotary Encoder Interfacing with PIC Microcontroller

PIC16F628 DS18B20 Adjustable thermometer circuit

Wireless Home Appliance Controller Project

PicoDetector : a PIC-based simple and cheap metal detector

PIC16F877 i2c code and Proteus simulation

0-9999 seconds count down timer using PIC12F683 microcontroller

Mouse interfacing and communication using PIC16F877

Complete Circuit Board Lab & POV Business Card using PIC12F508 microcontroller

rtc microcontroller

PIC Microcontroller Based Electronic Lock

Ionization Smoke-Detector With Programmable Calibration

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

Interfacing LCD with PIC Microcontroller – CCS

Mini project board for PIC12F series microcontrollers

Speed Synchronization of Multiple Motors In Industries using PIC Microcontroller

Fire Fighting Controlling Robots Used in Dangerous Situations

Alarm Phone Dialer with MT8880 and PIC 16F84A

Metal detector robot using pic microcontroller

Feedback / Suggestions
- Know the Procedure of GSM Modem Interfacing with 8051 [Projects]
- RFID Based Attendance System – Circuit, Working, Source Code [Projects]
- Simple mass storage for your microcontroller project [Projects]
- Wireless controlled lightdimmer using PIC12F629 [Projects]
- CELLPHONE OPERATED LAND ROVER [Projects]
- TIC TAC TOE game using PIC16F628 [Projects]
- Serial Data Received from PC and Displayed on 16×2 Using USART of Pic16f877 Microcontroller [Projects]
- LED Scrolling Display Project Working With Circuit Diagram [Projects]
- Top Microcontroller based Mini Projects for 3rd and 4th Year Engineering Students [Projects]
- A new multi-function power supply unit for my Embedded Lab using PIC16F689 [Projects]
- Build a musical EKG with the Freescale FRDM-KL05 [Projects]
- Audio CRO using PIC12F675 Microcontroller [Projects]
- Automotive Voltage Monitor using PIC16F683 [Projects]
- RS232 – Infra-Red Interface [Projects]
- Amicus18: Arduino-style platform for PIC fans using PIC18F25K20 [Projects]
- Ultrasonic Range Finder Circuit AD605 PIC16F876 [Projects]
- Infrared Remote Controlled (RC) Steerable Vibrobot Created by Naghi Sotoudeh [Projects]
- WHAT IS A PIC MICROCONTROLLER? WHAT CAN IT DO? [Projects]
- Keypad 4×5 for microcontrollers v. 1.1 using PIC16F877 [Projects]
- Curiosity Development Kit Board [Projects]
- Frequency Counter by PIC16F628 [Projects]
- Electrical Subsystem Schematics [Projects]
- chipKIT Tutorial 3: Analog-to-digital conversion [Projects]
- chipKIT Tutorial 4: Interfacing a character LCD [Projects]
- chipKIT Tutorial 1: Digital thermometer using an LM34 sensor [Projects]
- chipKIT Project 2: Temperature and relative humidity logger [Projects]
- chipKIT Tutorial 5: Pulse width modulation (PWM) [Projects]
- chipKIT Tutorial 6: Inter-Integrated Circuit (I2C) communication [Projects]
- chipKIT Project 3: Easy Pulse Meter [Projects]
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• 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
• TTPSU – Power supply for turntables with AC motors  Posted in:  LCD Projects
• Pimp my Pong  Posted in:  Development Board – Kits Projects
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• Cheap and Easy Dial Controlled High Power RGB LED(s) Driver  Posted in:  LED Projects
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• MIDI-Controlled Analog Music Synthesizer  Posted in:  Sound – Audio Projects
• MIDI-Controlled Analog Music Synthesizer  Posted in:  Sound – Audio Projects
• LED scrolling Christmas tree ornament with built in video game!  Posted in:  LED Projects
• Emergency Excuse Generator using PIC16F690  Posted in:  Other Projects, Projects
• TRH Meter: A DIY indoor thermometer plus hygrometer with adaptive brightness control implemented to 7-segment LED displays  Posted in:  LCD Projects
• TRH Meter: A DIY indoor thermometer plus hygrometer with adaptive brightness control implemented to 7-segment LED displays  Posted in:  LCD Projects
• Temperature and relative humidity display with adaptive brightness control  Posted in:  LED Projects
• JavaBot1.............. A line following robot  Posted in:  Robotics – Automation Projects
• Making a 8×40 LED matrix marquee using shift registers  Posted in:  LED Projects
- C-52EVBRobot Controller: Posted in: Robotics – Automation Projects
- Generic Automotive Light Effect PIC/Arduino Modules: Posted in: LED Projects
- PIC MICROCONTROLLER PROJECTS AND LCD CIRCUITS: Posted in: LCD Projects
- F84 Miniature Real-Time Controller: Posted in: LED Projects
- PIC microcontroller led flasher circuit using PIC16F627A: Posted in: LED Projects
- digital thermometer using pic microcontroller and MCP9700: Posted in: LCD Projects
- Emergency Vehicle LED Light: Posted in: LED Projects
- WLoader – a 16f877 application loader using pic microcontroller: Posted in: Microcontroller Programmer Projects
- DS18S20 interfacing with pic and avr microcontroller: Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- 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
- 5 transistor PIC programmer *Schematic added to step 9!: Posted in: Microcontroller Programmer Projects
- How to build a speed detector for a coilgun project: Posted in: Development Board – Kits Projects
- PIC Projects using pic microcontroller  Posted in: LED Projects
- Application of Microcontroller in Science and Technology  Posted in: Robotics – Automation Projects
- A pic programmer circuit based on AN589  Posted in: Microcontroller Programmer Projects, Projects
- The chipKIT™ UNO32™ and MAX32™ development boards for the Arduino™ Community  Posted in: chipKIT Projects, Development Board – Kits Projects
- My New MIDI Merger uses 10 MIPS £1.00 PIC Microcontroller!  Posted in: Microcontroller Programmer Projects
- Easy Debugging Terminal using pic microcontroller  Posted in: LCD Projects
- Speed control of DC motor by PWM in Proteus simulation  Posted in: Motor Projects
- The PIC Elmer 160 Project Board using PIC16F628  Posted in: Development Board – Kits Projects, Projects
- A complete guide for LED Blinking  Posted in: LED Projects
- Lab 2: Basic digital input and output  Posted in: LED Projects
- pic microcontroller projects.pdf  Posted in: Microcontroller Programmer Projects
- martin lightjockey 2 free  Posted in: LED Projects
- 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-microcontrollerboard  Posted in: Video – Camera – Imaging Projects
- Serial communication with Pic 16f877 using UART  Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Interfacing VFD with PIC Microcontroller  Posted in: LCD Projects
- Interfacing VFD with PIC Microcontroller  Posted in: LCD Projects
- LED Sign has a purpose! using pic microcontroller  Posted in: LED Projects
- Infra red remote control tester for Philips RC5 protocol  Posted in: LED Projects
- MRNet — Wired Cab Module (Revision A) using pic microcontroller  Posted in: LED Projects
- PIC Microcontroller project – 24 hour clock and thermometer displayed via 16F690 microcontroller and LCD programmed in C
- Alchemist Forseti APD15A RC Integrated amplifier
- Repair of Arcam CD73 laser mechanism
- eDrum – Trigger MIDI Converter using PIC16F877
- Marantz CD63SE laser transport mechanism replacement
- PIC16F877 Development Board v. 1.2
- How to set up your B&W Zeppelin All
- Electronic Quiz Buzzer Circuit Diagram using PIC Microcontroller
- Circuit-Zone.com – Electronic Projects
- PIC Microcontroller Architecture and Applications
- Electronic Distance Meter using pic microcontroller
- Automatic Temperature Control System using PIC Microcontroller – XC8
- A simple programmer for PIC microcontrollers
- PIC – First Project
- Microchip – Let my robot see! using pic microcontroller
- Self-made development board for the 32-bit PIC32MX220F032B Microcontroller
- Low cost temperature data logger using PIC and Processing
- GPS-based universal clock generator using PIC16F628
- Obstacle Sensing Walking Stick for Visually Impaired Persons : Block Diagram
- Interfacing 16X2 LCD with PIC Microcontroller
- Automatic door lock system using 8051(89c51,89c52) microcontroller
- DIY MIDI controllers using PIC microcontrollers and Basic Stamps using pic microcontroller
- Very Accurate LC Meter based on PIC16F628A
- EMDP1 — Extensible Multiple Device Programmer 1 (Rev. C) using pic microcontroller
- 10 tricks for interfacing to the PIC16C508
- Automatic door opener with PIC12C508 Circuit
- DS18S20 Dual Temperature Meter using pic microcontroller
  Posted in: Metering – Instrument Projects, Temperature Measurement Projects

- The Saltwater etch process using PIC16F54 microcontroller
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- A discussion on the drive-current for the outputs of a PIC12C508A microcontroller

- Led Display Boards InBulk using pic microcontroller
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- Localizer with SIM908 module using PIC18LF6722
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- First Servomotor Control Program
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- A PIC frequency counter operating up to about 50 MHz, using pic microcontroller
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- A simple spectrum analyzer using dsPIC30F4011
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- Wisp628 an in-circuit flash PICmicro Programmer
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- How to drive an rgb led using three microcontroller pins, using pic microcontroller
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- Night Light Saver V3.2 (PIC12C508)
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- Schematics and C code for a 0-5V PIC LCD Volt Meter, using pic microcontroller
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- Making a binary clock using a PIC Microcontroller
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- Relay Timer with PIC16F628
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- Rotary Encoders
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- 12F675 Tutorial 5 : A Temperature data logger using PIC EEPROM, using pic microcontroller
  Posted in: Temperature Measurement Projects

- Isolated RS232C for PIC16F84
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- Intelligent Fan Controller, Part 1 – Schematic using pic microcontroller
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- Multiple Servomotors
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- Thermometer with PIC Microcontroller
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- Extend I/O Ports using PIC Microcontroller
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- Project Ryu Lagger Guitar Pedal Take 3 using pic microcontroller
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- Create Musical Tone using PIC Code
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- Connect Ethernet controller with PIC Code
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- UART Communication using PIC Code
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- TechBot line following robot using PIC16F84
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- GSM Based Versatile Robotic Vehicle Using PIC Microcontroller
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• 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 gong using PIC16F628A Posted in: Clock – Timer Projects, Home Automation Projects, LCD Projects, Projects
• Connect I²C with PIC Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• USB & GLCD expansion board for 8051SBC using pic microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• LED Persistence of Vision Display Posted in: LED Projects
• PIC18F2550 Project Board using pic microcontroller Posted in: Development Board – Kits Projects
• Disklight effect with bass beat control usingPIC16F84A Posted in: LED Projects
• How to configure EUSART in PIC18F4550 Posted in: How To – DIY – Projects, Projects, Tutorials
• 8 Channel IR Remote Control Posted in: Home Automation Projects
• Serial Data Logger with PIC microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• Stepper Motor Driver using PIC18F4550 Microcontroller Posted in: Motor Projects
• A DDS Module based on the AD9835 using PIC16F84 Posted in: Other Projects, Projects
• Stepper Motor Speed Control with PIC18F4550 Posted in: Motor Projects
• Infrared IR Sensor Interface with PIC18F4550 Microcontroller Posted in: Sensor – Transducer – Detector Projects
• USB Interface Board Tutorial Using PIC18F4550 Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
• RC Servo Switcher using pic microcontroller Posted in: Robotics – Automation Projects
• PIC18F2550 : Blink LED using XC8 Compiler Posted in: LED Projects
• PIC16F628 4 RGB LED PWM Controller using pic microcontroller Posted in: LED Projects
• The Ultra-QP An Ultrasound QSO Party Rig Fun & Educational! Posted in: Game – Entertainment Projects
- Q-matic Circuit Application of PIC16F877 Microcontroller Posted in: LED Projects
- Gen 3.2 PCS Board Design Posted in: Development Board – Kits Projects
- Microcontroller Controlled Metal Detector Projects Posted in: LCD Projects
- PIC16F84 Evaluation Board Posted in: Development Board – Kits Projects, Projects
- Seven Segment Display Thermometer with PIC Microcontroller Posted in: Metering – Instrument Projects
- Music player built on microcontroller AT91SAM7S256 with ARM core Posted in: Sound – Audio Projects
- Introducing PIC Microcontroller projects Posted in: Microcontroller Programmer Projects
- Countdown Timer using PIC16F690 microcontroller Posted in: Clock – Timer Projects, Projects
- NJM2035 – Hi-Fi Stereo Encoder / Multiplexer using pic microcontroller Posted in: Sound – Audio Projects
- PIC based WWVB clock Posted in: Clock – Timer Projects
- Rainbow LED Chaser Posted in: LED Projects
- Night Light Saver V3.2 (PIC12C508) Posted in: Home Automation Projects
- Building your own Simple Laser Projector using the Microchip PIC12F683 Microcontroller Posted in: Other Projects
- C-52EV8 Robot Controller Posted in: Robotics – Automation Projects
- Real Time Clock Circuit using Microcontroller Posted in: Clock – Timer Projects
- Connect CAN-SPI with PIC Controller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- Connect CAN Protocol with PIC Posted in: Internet – Ethernet – LAN Projects
- Connect ADC with PIC16F877 Posted in: Metering – Instrument Projects
- Connect ADC with PIC16F877 Posted in: Metering – Instrument Projects
- PIC microcontroller development board using pic microcontroller Posted in: Development Board – Kits Projects
- Door lock opener Posted in: Home Automation Projects, LED Projects
- Servomotor-based mobile robot control Posted in: Motor Projects, Robotics – Automation Projects
- Right-left scrolling LEDs Posted in: LED Projects
- DMM Piggyback (add RS-232) using PIC16F688 microcontroller Posted in: Other Projects, Projects
Tejas Kulkarni’s Lab Notebook using pic microcontroller
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PIC12F675 Microcontroller Based Security Alarm Circuit
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SD Memory Card Interface using pic microcontroller
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Aurora mini 18 using PIC24FV16KA302 microcontroller
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contruction of personal Radar System using PIC Microcontroller PIC18F452
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PIC16F877 LCD code and Proteus simulation
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Connect Flash Card with PIC18F4520
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Converting a Proxxon MF70 Milling Machine To CNC – 4 using PIC24FJ64GB002
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1-Chip 4-Channel PIC16F886 Data Logger
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Car Anti theft System Project using Microcontroller PIC16F73
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Car Anti theft System Project using Microcontroller PIC16F73
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How to interface LCD with PIC18F4550 Microcontroller

A Programmable Optical Slave Flash Trigger for Digital Cameras with Processor PIC 12F675

A Cheap Ultrasonic Range Finder
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How to use PIC16F84A pin as input (Code+Proteus simulation)
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PIC Frequency Counter with Frequency Lock function
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Small Virtual Wall for iRobot Roomba using PIC12F628
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DC Motor Control using Temperature Sensor & 8051 Microcontroller
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picLink RS232 low cost development controller with ADC using PIC16F628A
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8×8 LED Array Multiplexed Infinity Mirror using PIC18F1320
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USB PIC Programmer : PICKit2 using pic microcontroller
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Robot 1: “Little Jimmy” based on PICAXE-18M2
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embedded microchip
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- Interfacing 7 segment display with pic16F877 microcontroller Posted in: LED Projects
- A Real Time Clock IC (DS1307) project using the PIC micro Posted in: Clock – Timer Projects
- Prometheus/Pandora’s Box using PIC12C508 microcontroller Posted in: Other Projects, Projects, Radio Projects
- PIC based WWVB clock Posted in: Clock – Timer Projects
- Reading Nintendo 64 controller with PIC microcontroller Posted in: InterfacingUSB – RS232 – I2c - ISP Projects
- New Earth Time digital clock in recycled retro-modern case using PIC16F627A Posted in: Clock – Timer Projects
- LED Matrix Backpack Posted in: LED Projects
- Interfacing of PIC16F84A with (i2c based) 24LC64 EEPROM (Code + Proteus simulation) Posted in: InterfacingUSB – RS232 – I2c - ISP Projects, Memory – Storage Projects, Projects
- GSM based Control System by pic microcontroller Posted in: Internet – Ethernet – LAN Projects
- MintLite Part I Posted in: Home Automation Projects
- PIC Controlled Relay Driver using pic microcontroller Posted in: Other Projects
- Interfacing with The Energy Detective using pic microcontroller Posted in: InterfacingUSB – RS232 – I2c - ISP Projects
- Water Filter Controller Posted in: Home Automation Projects
- How to interpret the direction of rotation from a digital rotary switch with a PIC using PIC16F877A Posted in: How To – DIY – Projects, Projects
- Iron in the Fire II Posted in: Battery Projects
- PIC Industrial and Domestic Timer (Relay Controller) Posted in: Clock – Timer Projects
- Aurora 48 – 48 RGB LED Sequence Posted in: LED Projects
- ISD2560 Voice Recording Playback Project PIC16F84 Controlled Posted in: Sound – Audio Projects
- True USB GQ-4X Programmer using pic microcontroller Posted in: Microcontroller Programmer Projects
- Mini F1 race track Grid Start Lights using PIC12F627A Posted in: Game – Entertainment Projects, Projects
- DIY plug-in modules to make microcontroller breadboarding easier Posted in: Development Board – Kits Projects
- A remote controlled power RGB LED mood light using PIC16F627A Posted in: Game – Entertainment Projects, Home Automation Projects, LED Projects, Projects
- Low cost OLED module interface using PIC18F452 Posted in: InterfacingUSB – RS232 – I2c - ISP Projects, LED Projects, Projects
• Experimenter's board for enhanced mid-range PIC microcontrollers (PIC16F1827 and PIC16F1847) Posted in: Development Board – Kits Projects, Projects

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

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

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

• Very Accurate LC Meter based on PIC16F628A using pic microcontroller Posted in: Metering – Instrument Projects

• Interface single and Dual IR Infrared sensor with PIC18F4550 and LCD Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects, Sensor – Transducer – Detector Projects

• Daft Punk Table Replica Graphics Controller using PIC18f2550 Posted in: Other Projects, Projects

• Frankenbear Synthamajig using PIC16F877 microcontroller Posted in: Game – Entertainment Projects, Projects

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

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

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

• PIC18F4550 Tutorial: Blinking an LED Posted in: LED Projects

• PIC18F4550 Tutorial: Blink LED – 2 Posted in: LED Projects

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

• Stepper Motor Driver using PIC18F4550 Microcontroller Posted in: Motor Projects

• Schaer+ Programmer using PIC12F629 microcontroller Posted in: Microcontroller Programmer Projects, Projects

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

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


• Temperature Recorder using PIC12F683 microcontroller Posted in: Projects, Temperature Measurement Projects

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

• C# Software and Firmware, USB INTERFACE BOARD Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• PIC18F4550 – LCD display, jhd162a (2×16) Interface Posted in: LCD Projects


A simple 50 MHz diy microwattmeter using PIC16C84

Peltier-Powered Drink Cooler!

PIC16C63 Midi controlled Light dimmer

LED-Guided Piano Instruction using pic microcontroller

automatic power factor controller using microcontroller

Picaxe Blending Nightlight using pic12f683

lc meter capacitor inductimeter circuit pic 16f64 auto range lc meter

Introducing the BOLT PIC18F2550 Microcontroller Board using pic microcontroller

Mork Microchip PIC32MX ICSP

Water Wave/Tide/Level Meter 2.0 using PIC16F88

Fun with Voltage Regulators

Rotating Sprocket Wheel Generator using PIC16F84

PIC Based Oscilloscope Clock

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How to Program a PIC Microcontroller & Read an Encoder

PIC16F688 breadboard module for quick prototyping

Building the Inchworm ICD2 PIC Programmer / Debugger

2-wire LCD interface using PIC16CF84

PIC 16F917 Microcontroller Programmer

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PIC microcontroller ATA library

Cheap PIC Programmer using PIC16F84 microcontroller

Using Dipole 12864ZW LCD with PIC18F

LC meter capacimeter inductimeter circuit pic 16f64 auto range lc meter

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Cheap PIC Programmer using PIC16F84 microcontroller

Using Dipole 12864ZW LCD with PIC18F
• **USB Audio Streamer A Microchip PIC based USB sound card** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Sound – Audio Projects

• **Quozl’s Alarm Clock using PIC16F877** Posted in: Clock – Timer Projects, Projects

• **Simplest Temperature Data Logger using PIC12F683** Posted in: Projects, Temperature Measurement Projects

• **PIC12F1840 + I2C 24FC1025 EEPROM** Posted in: Memory – Storage Projects

• **PIC 16F917 Gyroscope interface** Posted in: Microcontroller Programmer Projects

• **Building a PIC18F USB device** Posted in: Development Board – Kits Projects, Interfacing(USB – RS232 – I2c -ISP) Projects, Projects

• **internetworking with microchip microcontroller pic18f+enc28j60** Posted in: Microcontroller Programmer Projects

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• **Microprocessors Garland** Posted in: LED Projects

• **Motion Activated Led Dice using PIC16F688** Posted in: LED Projects, Projects

• **Car battery charger with PIC12F683** Posted in: Battery Projects

• **9 Volt Battery Charger** Posted in: Battery Projects

• **LED dot matrix scrolling message – 14x5 – source code** Posted in: LED Projects

• **Mechanically scanned laser display using PIC17F877** Posted in: LCD Projects, Projects


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

• **Pic 16f676 icsp programing socket for the Pickit 2 programer** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Microcontroller Programmer Projects

• **How to make a ‘Propeller Display’ using PIC microcontroller** Posted in: Development Board – Kits Projects

• **Poor man’s counter using PIC16F84 microcontroller** Posted in: Other Projects, Projects

• **PIC Game System** Posted in: Game – Entertainment Projects

• **Pulsing Hubby Detector using PIC12f683 microcontroller** Posted in: LED Projects, Projects

• **Interfacing the AT keyboard** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects

• **Building the PIC16F84 based game system** Posted in: Game – Entertainment Projects

• **Chronograph for Air Cannon using PIC16F628A microcontroller** Posted in: Other Projects, Projects

• **PIC-Tetris** Posted in: Game – Entertainment Projects

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

• **SX Game System** Posted in: Game – Entertainment Projects
- Revised version of LM35 based digital temperature meter using PIC16F688 has been posted in Metering – Instrument Projects, Projects, Temperature Measurement Projects.

- Microchip PIC Microcontrollers have been posted in Development Board – Kits Projects.

- SX-Tetris has been posted in Game – Entertainment Projects.

- Leaving home light using PIC12F675 Microcontroller has been posted in Home Automation Projects, Projects.

- SX-Pong has been posted in Game – Entertainment Projects.

- Displaying text on LCD by interfaced with PIC16F877 microcontroller in 4 bit mode has been posted in Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects.

- Build yourself flashing message on PIC16F877A with assembler has been posted in Other Projects.

- PBUS – an RS485-like multi-drop bus with half duplex serial protocol has been posted in Other Projects.

- Virtual Game System – A game console with a mechanically scanned display has been posted in Game – Entertainment Projects.

- Embedded Linux Controller using pic microcontroller has been posted in LCD Projects.

- DIAL ALARM-1 has been posted in Clock – Timer Projects.

- Virtual Pong has been posted in Game – Entertainment Projects.

- Virtual Tetris has been posted in Game – Entertainment Projects.

- PIC16F84A LCD interfacing code (using 3 pins only) + Proteus simulation has been posted in Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects, Projects.

- Virtual Tetris has been posted in Game – Entertainment Projects.

- MikroElektronika’s “Ready for PIC” board talks to “Processing” using PIC16F887 has been posted in Clock – Timer Projects, Development Board – Kits Projects, Other Projects, Projects.

- How to choose a MicroController using PIC16C84 microcontroller has been posted in Development Board – Kits Projects, LCD Projects, Projects.

- Mechanically scanned RS232 display (with dynamic speed) has been posted in Metering – Instrument Projects.

- Solar Recorder has been posted in Other Projects.

- Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors using PIC18F2550 (Part 1) has been posted in Projects, Sensor – Transducer – Detector Projects, Temperature Measurement Projects.

- PIC10F200 based dice has been posted in LED Projects.


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- Project Ryu Lagger – Guitar Effect has been posted in Sound – Audio Projects.
• 3310 Nokia LCD & PIC12F683
• Getting started with PIC Microcontroller Programming
• How to interface Servo Motor with PIC18F4550
• TAXI PHONE
• Servo Motor Control using Microcontroller PIC16F877A
• Electronic Die using PIC16F84 microcontroller
• Simple Digital GPS Speedometer Using PIC16F877A with LCD Display
• How to interface LEDs with PIC18F4550 Microcontroller
• 0-5V LCD volt meter using PIC16F877A
• Servo Motor Control using Microcontroller PIC16F877A
• PIC PROGRAMMER MkV using PIC12F629
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• PCB layouts using CAD
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- GPS to SD-Card Data Logger using PIC16F819 microcontroller Posted in: GPS Based Projects, Memory – Storage Projects, Projects
- Serial communication with Matlab pic-microcontroller Posted in: LED Projects
- Telephone operated remote control using PIC16F84A microcontroller Posted in: Home Automation Projects
- DIY Microcontroller-Based Battery Monitor for RC Aircraft Posted in: Battery Projects
- Nokia 1100 LCD Interfacing with Microcontroller Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, LCD Projects
- Digital Meter Adapter – DMAD Posted in: Metering – Instrument Projects
- Voltmeter Ammeter Kit Posted in: Metering – Instrument Projects
- Long Period Astable Timer using PIC12F629 Posted in: Clock – Timer Projects, Projects
- PIC micro Timer Code Posted in: Microcontroller Programmer Projects
- Voltmeter Ammeter Kit – Blue Backlight LCD Posted in: LCD Projects
- Build your Own PCB Exposure Box with Fluorescent Lamps and Countdown System Posted in: How To – DIY – Projects
- MOTM Compatible Dual Channel Quantizer Posted in: Metering – Instrument Projects
- DS1820 Arbiter V2.00 Schematic / Parts List Posted in: Other Projects
- Solar tracking system using pic microcontroller Posted in: Security – Safety Projects
- PIC18F452 to PC USB 2.0 interface with FT245BM Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects, Projects
- Serial LCDs you can make your own using PIC12F683 Posted in: LCD Projects, Projects
- MCU controlled Bluetooth automation with infrared sensor Posted in: Sensor – Transducer – Detector Projects
- How to generate video signals in real-time using a PIC16F84 Posted in: Video – Camera – Imaging Projects
- Voltage monitor for car’s battery and its charging system PIC16F1827 Posted in: Battery Projects, Car Projects, Metering – Instrument Projects, Projects
- **89Sxx Development Board** Posted in: Development Board – Kits Projects
- **Solar power auto irrigation system using microcontroller** Posted in: LCD Projects
- **PicChess** Posted in: Game – Entertainment Projects, Microcontroller Programmer Projects
- **Details of PIC ICSP and how to use it for pic microcontrollers**. Posted in: How To – DIY – Projects
- **PIC based WWVB clock** Posted in: Clock – Timer Projects
- **Interfacing RTC with Microcontroller** Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- **Solar Recorder using PIC18F458 microcontroller** Posted in: Memory – Storage Projects, Metering – Instrument Projects, Projects
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- **Interfacing LCD Modules with PIC Microcontrollers**. Posted in: LCD Projects
- **PIC-based Digital Voltmeter (DVM)** Posted in: Metering – Instrument Projects
- **APPLICATION OF MICROCONTROLLER IN AUTO DETECT DOOR OPEN AND PAPER JAM ERROR using pic microcontroller** Posted in: Home Automation Projects
- **OSCCAL Value Finder** Posted in: Projects
- **8051 Microcontroller Overview & Hardware – Tutorial #1** Posted in: LED Projects
- **Smart Button using PIC10F microcontroller** Posted in: Home Automation Projects
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- **Ultra low cost solar-rechargeable persistence of vision display using PIC10F206** Posted in: Battery Projects, Projects
- **Using the MAX6955 LED Display Driver with a PIC Microcontroller to Scroll Messages** Posted in: LED Projects
- **Microcontroller Clapper Switch** Posted in: Microcontroller Programmer Projects
- **Use a PIC Microcontroller to Control a Hobby Servo** Posted in: Microcontroller Programmer Projects
- **Build your Own PCB Exposure Box with Fluorescent Lamps and Countdown System** Posted in: Development Board – Kits Projects
- **USB:- DC Motor Controller using PIC18F4550 (keyboard)** Posted in: Motor Projects
- **Digital & Binary clock with thermometer & hygrometer** Posted in: Clock – Timer Projects
- **Re-Doing my Design for a circuit to control an invention using a Microchip PIC microcontroller chips**. Posted in: Development Board – Kits Projects
- **PIC’ing the MAX3100: Adding USB to a PIC Microcontroller Using the MAX3100 UART using pic microcontroller**. Posted in: Interfacing(USB – RS232 – I2c -ISP) Projects
- **Open Source 3.2” TFT Smart Display**. Posted in: LCD Projects
- **PIC RGB Power Board using PIC12F629 microcontroller**. Posted in: Battery Projects, Projects
- **FailureBot 5 – A Line Following Robot**. Posted in: Robotics – Automation Projects
- **Heavy duty portable charger for usb devices (phones, iPad, etc.) using PIC12F683**. Posted in: Battery Projects, Projects
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• 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
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• 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 Blinking 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
• i. ICSP Programmer for PIC32 microcontroller family Posted in: Microcontroller Programmer Projects
• Interfacing Ultrasonic Distance Sensor : ASCII Outout 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
• Versatile SOIC PIC Programming Header using PIC18F88 Posted in: Microcontroller Programmer Projects, Projects
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• 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
• Making a simple clap switch using PIC12F683  
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• Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors using PIC18F2550 (Part 2)  
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• 50 MHz frequency counter, voltage meter & SWR/PWR indicator using PIC16C71  
• UART Communication using PIC Microcontroller  
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• Using ADC Module of PIC Microcontroller with MPLAB and XC8  
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