Project List

- Experimenter's board for enhanced mid-range PIC microcontrollers (PIC16F1827 and PIC16F1847)
- Automatic Charger Sharing for Motorcycle Battery Charger using PIC16F628A
- LEDs sync to music (with pics of my awesome computer case mod)
- Homemade temperature LED display for PC using PIC16F876
- Serial LCD Library using PIC16C84
- DC motor control with Joystick and PIC16F877A
- Build your Own PCB Exposure Box with Fluorescent Lamps and Countdown System
- Motion Activated Led Dice using PIC16F688
- Interfacing DS1307 RTC Chip with AVR Microcontroller
- PIC18F2550 Project Board using pic microcontroller
- PIC16F84A Temperature Controller
- Two way Simple Very Small Telephone Exchange
- Build your own "2-Wire LCD Interface" using the PIC16C84 microcontroller
- Circuit design and electronics using pic-microcontroller
- Blinking LED using PIC Microcontroller with Hi-Tech C
- PIC micro Timer Code
- UFO round LED Chaser Kit for PIC16F628A
- BATTERY CHARACTERIZER using PIC18F252
- PIC'ing the MAX5581: Interfacing a PIC Microcontroller with the MAX5581 Fast-Settling DAC
- Servo Motor Control by using Microcontroller PIC16F877A
- Prototype: Openbench Logic Sniffer logic analyzer using pic microcontroller
- LDR Based Line follower Robot Car using PIC Microcontroller
- Aurora 48 – 48 RGB LED Sequencer
- Grid Powered Battery Charger – The Plans using PIC16F676
- Parallel Port 3 Axis CNC Driver, Opto-Isolated, Unipolar Steppers using PIC16F876A microcontroller
- PC Interfacing a GameBoy Camera using PIC18F4620 microcontroller
- Auto intensity control of street lights using pic microcontroller
- How to Program a PIC Microcontroller & Read an Encoder
- Having fun with HC08 using pic microcontroller
- Gear Clock using PIC16F676 Microcontroller
- A PIC16F84A Alarm Clock
- Usbpicprog – A free and open source USB Microchip PIC programmer (Software and Hardware) for Linux, Windows e MAC
- New Earth Time (NET) digital clock in recycled retro-modern case using PIC16F627A
- PIC18F452 LED Blinking Code and Proteus Simulation
- PIC microcontroller development board using pic microcontroller
- Power Pic RGB with Infrared remote control using PIC12F675
- Universal Infrared Receiver using PIC16F84 and PIC12C508
- PIC-Microcontroller C Tool flow Video
- Building the Inchworm ICD2 PIC Programmer / Debugger
- Lm35 interfacing with pic 16f877 through adc0808
- DIY MIDI controllers using PIC microcontrollers and Basic Stamps using pic microcontroller
- A memory game using a PIC16F84A microcontroller
- Cooking Timer using PIC16F819 microcontroller
- F84-Programmer using pic microcontroller
- Simple RS232 to logic level converter for PIC microcontroller
- Build a digital spirit level using a SCA610 accelerometer using PIC16F684
- F84 Miniature Real-Time Controller
- Wireless 10 channel receiver using PIC16F630
- PIC16F84A timer0 code and Proteus simulation
- ECG on your laptop using PIC16F876 microcontroller
- Turntable Photography Equipment using PIC16F84A
- PIC12F675 internal EEPROM code and Proteus simulation
- USB & GLCD expansion board for 8051SB using pic microcontroller
- Electronic combination lock based on PIC16F84
- Generating PWM with PIC Microcontroller using CCP Module
- Picox LED night light
- Echo MP3 player using PIC18LF452
- Digital Watt meter using PIC16F876
- make your own wearable LED display using pic-microcontroller
- How to interface GPS with PIC18F4550 Microcontroller
- IN-8 single nixie tube clock using PIC16F84
- CNC Controller Motion Schematics (Rev. D) using pic microcontrollers
- Interfacing of PIC12F675 with DS1307 (RTC) code and Proteus simulation
- PIC programmers for parallel port
- Photo film processor
- Pingbot – Micro RC Rechargeable Musical Robot Pal using PICAXE
- Serial Data Logger using PIC16F688
- Building the Inchworm ICD2 PIC Programmer / Debugger using PIC16F877
- Line Follower Robot – Build it from scratch using pic microcontroller
- DIY remote control based on PIC16F628
- Pic RGB color generator using PIC12F629
- Updated PIC 18F4550 USB Demo Board Video
- LM75 Temperature Sensor with 7 segment display output using PIC16F628
- Darkroom Timer using PIC16F84 microcontroller
- 8x8 LED Array Multiplexed Infinity Mirror using PIC18F1320
- LED Binary Clock using PIC16F628A microcontroller
- Electronic Distance Meter using pic microcontroller
- How to take input with PIC18F4550 Microcontroller
- Revised version of LM35 based digital temperature meter using PIC16F688
- PIC 16F917 Microcontroller Programmer
- Programmer using PIC16F84 microcontroller
- Spooky Led Lamp using PIC12F675 microcontroller
- USB Project :: USB Interface Board Using PIC18F4550
- Universal RC5/RC6 transceiver using PIC16F628
- “Fluffy” – A Scenix (and PIC) Programmer
- Joy Stick Controller using PIC12F629
- One-chip 11x10 LED matrix. using pic microcontroller
- Mini AV Test Box using pic microcontroller
- PIC16F628 4 RGB LED PWM Controller
- GPS to SD-Card Data Logger using PIC16F819 microcontroller
- PIC microcontroller based fastest finger press quiz buzzer project
- Digital Thermometer and Clock Project (Version 1.0)
- Nokia 3315 / 3310 LCD interfacing with Microcontroller
- Blink a LED with Assembly Language & a PIC
- Interfacing Relay with PIC Microcontroller
- Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors
- (Part 1) using pic microcontroller
- Emergency Excuse Generator using PIC16F690
- Cheap PIC controlled Helmet Camera using Sony LANC (Good for Extreme Sports) using PIC16F690
- How to interface keypad with PIC16F84A
- PIC Projects using pic microcontroller
- PicPOV – Persistence of Vision with a PIC18F1220
- A remote controlled power RGB LED mood light using PIC16F627A
- Breakout board for PIC16F1847 microcontroller
- CITROEN Saxo Vehicle Touch Sensitive switches using PIC16F84A
- PIC16F84A based digital clock using LCD display (Code+Proteus simulation)
- DC motor control with Joystick and PIC16F877A
- NU32: Introduction to the PIC32 using pic-microcontroller
A pic programmer circuit based on AN589, using pic microcontroller

Serial LCDs you can make your own using PIC12F683

PIC Countdown Timer using PIC16F84A

Introducing the Science of Microchip PIC14

Rs 232 Relay Control Board using PIC16F84A

PIC 18F4550 Timer And Interrupt Example Video Project

Microchip – Let my robot see! using pic microcontroller

How to drive a lot of LEDs using PIC12F microcontroller

Augustus’s Lab Notebook using pic microcontroller

PICs in Space

Electronic Die using PIC16F84 microcontroller

Keypad scanning and interfacing with PIC16F877 microcontroller

Make your own motion sensor alarm with SMS feature using PIC18F2550

Expanding the number of I/O lines using Microchip MCP23008 using pic microcontroller

PIC16F88 Delorme Tripmate GPS Logger

How to interface RFID with PIC18F4550 Microcontroller

POV Christmas Tree using PIC12F689 microcontroller

PIC programmer using PIC16F84AA Microcontroller

A Cheap Ultrasonic Range Finder

LED Strobe for PIC12F629

Serial Port Servo Controller using PIC16F84

Serial LCD Module using PIC16F88

I2C keypad using PIC18F4550 microcontroller

PWM DC Motor Controller for PIC12F683

Temperature and relative humidity display with adaptive brightness control using PIC12F683

How to build your own PIC-Programmer using PIC12C50x

A Real Time Clock using PIC16F88 Microcontroller

Audio spectrum analyzer on PIC32 using pic microcontroller

Aurora 9 bar – The Essence of Aurora using PIC24F08KA101

Project Board using PIC18F2550 microcontroller

PIC16F877 timer0 code and Proteus simulation

PIC PROGRAMMER MkV using PIC12F629

Power Pic RGB with voltage control using PIC12F675

How to drive an rgb led using PIC16F877A

Tiny Remote for iRobot Roomba using PIC12F629

LED Infinity Mirror Controller, 32 LEDs, Multiple Patterns using PIC12F675

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

USART

IR Remote Control Repeater using PIC12F629

Serial communication with Matlab pic-microcontroller

GSM Voice Dialer with Automation Control using PIC18F46K20-I/PT

Keypad 4×5 for microcontrollers v. 1.1 using PIC16F877

HC08 Fan Timer using pic microcontroller

PIC32MX: Interfacing to a Secure Digital (SD) Flash Card

Internal Oscillator Recalibration Utility for PIC12F629

pic18f458 Microcontroller based Solar Recorder

PIC MicroController Volume Adjuster Program(Proteus 8 Stimulation)

Single Pic Micro single shot bi stable Relay

PIC16F877 based digital clock using LCD display (Code+Proteus simulation)

MUSIC BOX using PIC12F629 Microcontroller

Enhanced 5/2-day Central Heating Programmer with serial computer interface using PIC16F628A

Serial LCD project using PIC16F877A Microcontroller

Digital Clock using PIC Microcontroller and DS1307 RTC

Simple Digital Voltmeter (DVM) using PIC12F675 (Code+Proteus simulation)

Interfacing Camera with PIC Microcontroller via Matlab GUI

Analog to Digital Converter Using PIC16F877A Microcontroller – Beginners Guide using pic microcontroller

Multifunction RGB LED controller using PIC12F675

Mini GSM localizer without GPS using pic microcontroller

2 Digit up/down Counter using PIC16F628A

New Earth Time digital clock in recycled retro-modern case using PIC16F627A

Bluetooth Wireless Voltage Meter using PIC12F683 microcontroller

PIC Based Speed Controller using PIC16C54

LM386 based stereo audio amplifier with digital volume control using
Making your own Digital Clock using PIC16F887
Sonar range finder using PIC16F88 Microcontroller
How to generate video signals in real-time using a PIC16F84
Interfacing Internal EEPROM with PIC Microcontroller
Alarm Clock using PIC16F74 microcontroller
Connecting multiple tact switches on a single input pin of a microcontroller
Control a Hobby Servo using PIC18F2455 microcontroller
Pic-Plot2 GPIB to USB converter
A brief overview of Allegro ACS712 current sensor using PIC16F1847 (Part 2)
PIC16F84A LCD interfacing code (In 8bit mode) + Proteus simulation
Pic 16F676 ICSP programing socket for the PICKit 2 programer
Home Automation and Safety via GSM Remote
Breadboard using dsPIC30F2012 microcontroller
How to work with inbuilt Analog Comparators of PIC18F4550
LED LYT Meter: LED, PIC Microcontroller, and Moving Average Code
Large Dancing Robot using PIC16F877A microcontroller
Designing a PID Motor Controller using PIC16F876
A Self-Contained Data Logging Anemometer
USB data logger project using pic-microcontroller
PIC Controlled Relay Driver using PIC16F84A
AT Keyboard Interface V1.04 using PIC16F84
1Hz Clock Generator using PIC12F675
RF Modern Robotics Project using PIC16F84 microcontroller
Password controlled sliding door with SMS alert by pic Microcontroller
MCP4921 12 bit DAC interfacing with PIC16F877 microcontroller via SPI
1Hz Clock Generator using PIC12F675
RDS/RBDS decoder with optional FM stereo receiver using PIC18F452
Binary/bcd to 7-segment decoder for PIC16F627A
DS1820 Arbi1er V2.00 Schematic / Parts List
A brief overview of Allegro ACS712 current sensor using PIC16F1847 (Part 1)
Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors using PIC18F2550 (Part 2)
LED-Guided Piano Instruction using pic microcontoller
PIC12F675 PWM Code and Proteus Simulation
Solar Recorder using PIC18F458 microcontroller
PIC16F84A based simple calculator (Code+Proteus simulation)
CSCI 255 Lab using pic-microcontroller
How to interface LEDs with PIC18F4550 Microcontroller
TIMED DISCHARGE ADAPTER using PIC16F628
Building a PIC18F USB device
PIC 18F4550 Motor Controller Video Project
PIC16C63 Midi controlled Light dimmer
$15.00 BASIC Computer using PIC32MX1 microcontroller
Photomultiplier Tube (PMT) Controller Circuit B using pic-microcontrollerboard
PIC-Programmer 2 for PIC16C84 etc.
Ir Light Dimmer v.1 adjusting lights with remote controller using PIC12F629
pic12f683 Microcontroller based Programmable LED
Christmas card with inbuilt retro video game for under $10
Adapter for small size PIC/AVR chip programming
Function Generator using PIC16F870 microcontroller
00 to 99 minute timer using PIC16F628A microcontroller
Embedded Linux Controller using pic microcontroller
Build A Digital Tachometer/RPM Counter using PIC18F452
DCF77 clock-thermostat using PIC16F648A
Use a PIC Microcontroller to Control a Hobby Servo
Intelligent Fan Controller. Part 1 – Schematic using pic microcontroller
12 DIGIT RUNNING SIGN using PIC16F628
PIC16F877 internal EEPROM code and Proteus simulation
PicChess
How to implement free running counter in PIC16F84A using seven segment display
NJM2035 – HI-FI Stereo Encoder / Multiplexer using pic microcontroller
Color Globe using PIC16F688 Microcontroller
Analog & Digital propeller clock using PIC16C84
Tiny GSM alarm system using PIC16F84A
- 2-Wire Keypad Interface Using a 555 Timer using PIC16F628A
- Getting Started with MPLAB XC8 Compiler – LED Blinking
- DTMF Phone Dialing using PIC16F690
- 100KHz Square Wave generator using PIC16C84
- USB IO Board PIC18F2455 / PIC18F2550 using pic microcontroller
- How to make a Clap-Clap on / Clap-Clap Off switch circuit using PIC10F222
- Heavy duty portable charger for usb devices (phones, iPad, etc.) using PIC12F683
- Water Level Indicator and Controller using PIC Microcontroller
- Digital stopwatch using microcontroller
- PIC16F877 based controllable digital clock using LCD display (Code+Proteus simulation)
- SD-Card with CCS C Compiler using pic microcontroller
- Serial LCD Controller
- Microcontroller measures heart rate through fingertip
- PIC16F877 UART code and Proteus simulation
- Sending SMS Text Message using PIC Microcontroller – Flowcode
- PIC12F675 interrupt based software UART code and Proteus simulation
- One-chip sound player.
- Zeus: trigger your camera with lightning using pic microcontroller
- Stepper Motor Controller using pic16f628a
- 2-Channel IR Relay Controller for PIC10F200
- How to use PIC18F4550 as a SPI Slave Transmitter
- How to Interface I2C External EEPROM 24LC64 to PIC Microcontroller
- Digital Meter Adapter – DMAD
- 24 Channel USB Connected LED Controller, upto 1A per Channel using PIC18F4550
- Electrical Subsystem Schematics
- Microchip pic16f877 to FTDI USB interface
- Ultra low cost solar-rechargeable persistence of vision display using PIC10F206
- A video game with software generated video signal!
- Interfacing DS1307 Real time clock with PIC16f877
- Stepper Motor Driver using PIC18F4550 Microcontroller
- UART to PIC serial interface using PIC16F877 microcontroller
- Simple RS232C Level Converter using Transistors using pic microcontroller
- Wooden LED clock using PIC16LF876A microcontroller
- PIC Based Imaging Sonar using PIC16F84 microcontroller
- 4 ALARM SOUNDS using PIC12F629
- Object Detecting Android Mobile Phone Controlled Bluetooth Robot Using PIC Microcontroller 16F877A
- Voltmeter Ammeter using pic microcontroller
- TD-USB-02 interface with touchpad sensor board and WinAmp interface using PIC18F2550
- RGB LED PWM Driver Standalone PWM controller for RGB LEDs using PIC12F629
- PIC12F675 timer 1 code and Proteus simulation
- Interfacing with UART of PIC microcontroller
- The Super-Simple pocket size mp3 player using PIC16LF877A
- Interfacing 7 segment display with pic16f877 microcontroller
- LED Christmas Cards using PIC 10F200
- Robot 1: “Little Jimmy” based on PICAXE-18M2
- Andy Robison’s Lab Notebook using pic microcontroller
- PICing the MAX3100: Adding USB to a PIC Microcontroller Using the MAX3100 UART using pic microcontroller
- PIC16F877 ADC code and Proteus simulation
- How to Generate Sound using PWM with PIC Microcontroller
- RC Servo Switcher using pic microcontroller
- Electronic door codelock with PIC
- PIC16F688 breadboard module for quick prototyping
- PIC16F877 LCD interfacing code (In 4bit mode) and Proteus simulation
- Small 3-wheel ROBOT with PIC16F84 brain & InfraRed eyes.
- USB 0-500MHz RF Power Meter with AD8307 using pic microcontroller
- 15x7 Display using a PIC16F628 Microcontroller
- Arduino to PIC Communication using PIC18LF4520
- PlayPIC – A Tutorial Board for the PIC16F84A Microcontroller
- 8 Channel PWM Power MOSFET LED Chaser for PIC16F628A
- Weather meter using PIC 16F877 Microcontroller
- Programmable digital timer switch using a PIC16F628A
- Voltage monitor for car’s battery and its charging system PIC16F1827
- How to interface 16×2 LCD in 4-bit mode with PIC18F4550
- Serial Controlled RGB LED PWM Driver PIC12F629 based PWM controller for RGB LEDs
- 2-Wire Keypad Interface Using a 555 Timer using pic microcontroller
- How to get started with microcontrollers projects using PIC12F629 microcontroller
- AC power control with thyristor using pic microcontroller
- Mars Clock using PIC16F877A microcontroller
- Alarm Clock Retrofit using PIC16F877
- Rotating Sprocket Wheel Generator using PIC16F84
- Simple RF/Microwave Frequency Counter using PIC16F876A
- APPLICATION OF MICROCONTROLLER IN AUTO DETECT DOOR OPEN AND PAPER JAM ERROR using pic microcontroller
- LCD Serial Terminal using PIC16F84
- My New MIDI Merger uses 10 MIPS £1.00 PIC Microcontroller using PIC18F4320
- MikroElektronika’s “Ready for PIC” board talks to “Processing” using PIC16F887
- How to drive an led display matrix using PIC16F88
- Measurement of temperature and relative humidity using DHT11 sensor and PIC microcontroller using PIC16F628A
- Interfacing of PIC16F877 with DS1307 (RTC) code and Proteus simulation
- RGB LED Controller using PIC18F452
- PIC16F877 timer1 code and Proteus simulation
- Car battery charger with PIC12F683
- How to make a computer controlled Robot Project Using PIC16F877A? using pic microcontroller
- OSOMCOM POCSAG BTS using pic microcontroller
- Build a digital clock with its digits levitating in the air using PIC16F84
- USB digital GPIO I/O extender using pic microcontroller
- 5 transistor PIC programmer *Schematic added to step 9!
- Pulsing Hubby Detector using PIC12f683 microcontroller
- LED blinking using timer0 of pic16f877 microcontroller
- VGA display using PIC18F452 microcontroller
- Laser show for poor man using PIC18F1220 microcontroller
- Isolated RS232C for PIC16F84
- Test For Presence of Internal Oscillator Calibration Word for PIC12F629
- A PIC Serial LCD Project
- A simple spectrum analyzer using dsPIC30F4011
- Localizer with SIM908 module using PIC18LF6722
- PIC 16F917 Gyroscope interface
- PIC16F84A internal EEPROM code and Proteus simulation
- Countdown Timer using PIC16F690 microcontroller
- Digital Thermometer using PIC Microcontroller and LM35 Temperature Sensor
- About the Temperature Sensor using pic microcontroller
- Project on making calculator using PIC16F877 and Mikro C Pro
- LED message system on a Strida folding bicycle wheel using PIC12F675
- A DDS Module based on the AD9835 using PIC16F84
- Schaefer+ Programmer using PIC12F629 microcontroller
- FM RDS Tuner Module for mobile applications using PIC18F46k20
- Build your own Wireless Network detector using PIC12F629
- 2.5 GHz Frequency counter using PIC16F870
- My GPS LCD Display Project using PIC16F84
- Motion detection alarm using a PIR sensor module with a PIC12F635
- Digital thermometer with auto saving log file in excel by Pic microcontroller
- Easy Debugging Terminal using pic microcontroller
- Dual 4-digit seven segment LED display with SPI interface using PIC12F
- 48 Channel Mono / 16 Channel RGB LED Controller using PIC18F2550 microcontroller
- How to make(build) a Calculator using Pic16F877 microcontroller
- PIC 16F877 / 16F874 Development Board
- The Saltwater etch process using PIC16F54 microcontroller
- A Beginner’s data logger project using PIC12F683 microcontroller
- How to interface Servo Motor with PIC18F4550
- The Annoy – A Tiny Intelligent Buzzer using PIC10F202
- Circuit Digital Clock Using PIC16f628a Microcontroller Schematics
- Servo motor control by Microcontroller PIC16F877 and MATLAB GUI
- Whac-a-Veggie using PIC18F4550 microcontroller
- Schematics and C code for a 0-5V PIC LCD Volt Meter using PIC microcontroller
- PIC12F675 external interrupt code and Proteus simulation
- Throbbing Apple Logo Sticker using PIC10F206 microcontroller
- Interfacing of PIC12F675 with (I2C based) 24LC64 EEPROM (code + Proteus simulation)
- PIC sound player (PCM to PWM converter) using PIC18F1320
- PIC RC Motor Controller (example lego robot)
- Tejas Kulkarni's Lab Notebook using PIC microcontroller
- PIC16F877 stop watch code and Proteus simulation
- Audio spectrum analyzer using PIC18F4550
- PIC16F877 PWM (2 channel) code and Proteus simulation
- Touch Switch using PIC12F629 Microcontroller
- SD Memory Card Interface using PIC microcontroller
- How to interface MAXIM's DS1868 digital potentiometer with a PIC microcontroller
- PIC16F84A LED blinking code and Proteus simulation
- Poor man's counter using PIC16F84 microcontroller
- Wireless MultiMeter using PIC18F452 Microcontroller
- USB:- DC Motor Controller using PIC18F4550 (keyboard)
- RC5 remote control using PIC12F629
- Programmable watch with four character display using PIC16F628A microcontroller
- WiFi robot vehicle controlled by PIC16F628A
- Skateboard with PIC microcontroller and LEDs
- Whistle Key Finder using PIC12F629
- Power MOSFET RGB LED PWM Driver for PIC12F683
- PIC12F microcontroller project board
- Quick & Easy RGB-LED Tester using PIC16F627 microcontroller
- 4-digit Up/Down counter with preset, reset, hold and overflow output using PIC16F88
- Microchip PIC16F877 Microcontroller
- In-Circuit debugger, created by E.E. Atanasios Melimopoulos using PIC16F628 microcontroller
- Logic Probe Plus using PIC12F683
- USB Voltmeter using PIC microcontroller
- Remote controlled led dice using PIC12F629 microcontroller
- Small Virtual Wall for iRobot Roomba using PIC12F629
- CS2200 Intro to Systems and Networks using PIC microcontroller
- Experimenting with a thermistor using PIC16F1937
- The Magnetometer using PIC16F688
- GTP USB PIC PROGRAMMER (Open Source) using PIC18F252
- Introducing Easy Pulse: A DIY photoplethysmographic sensor for measuring heart rate
- PBUS – an RS485-like multi-drop bus with half duplex serial protocol
- SKY WRITER using PIC12F629 Microcontroller
- DMM Piggyback (add RS-232) using PIC16F688 microcontroller
- Generating PWM with PIC Microcontroller – MPLAB XC8
- Echo Mp3 DIY Audio player using PIC18F46K20
- PIC16c71 four channel digital voltmeter
- A PIC Ultrasonic distance meter using a Seven Segment display and a PIC micro.
- 6 Digits LED 7-Segment Multiplexing using PIC16F627A
- Spectrum analyzer based PIC18F4550
- The IDE Project
- Miniature Real-Time Controller using PIC16F84
- Build yourself flashing message on PIC16F877A with assembler
- PURPIC, the wearable PICkit2 clone using PIC12F508 programmer
- Build a PIC controlled DDS VFO, 0 to 6 MHz using PIC microcontroller
- A digital thermometer or talk I2C to your atmel microcontroller using PIC microcontroller
- Simple JDM PIC Programmer using PIC16F84A microcontroller
- LED Interfacing with PIC Microcontroller: Embedded C program with circuit using PIC microcontroller
- PIC16F877 external interrupt code and Proteus simulation
- All pic programmer using 16F87X microcontroller
- Water Wave/Tide/Level Meter 2.0 using PIC16F88
- WEBSD using PIC24F microcontroller
Humidity and temperature measurements with Sensirion’s SHT1x/SHT7x sensors using PIC18F2550 (Part 1)
The Wooden Menace – a Mighty Robotic Arm Powered by Servos using microcontroller
STEAM GENERATOR using PIC16F873
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motor controller for R/C models
Servo Camera Switch using PIC12F675 microcontroller
Digital Voltmeter (0-50v) using PIC Microcontroller
How to interface keypad with PIC16F877
Project Ryu Laggar Guitar Pedal Take 3 using pic microcontroller
Scrolling Text on LCD by PIC Microcontroller
LCD interface with Microcontroller PIC: Beginner’s guide using pic microcontroller
Mini PIC Dev Board using PIC18F452
The IR Widget Using pic12f629
Displaying text on LCD by interfaced with PIC16F877 microcontroller in 4 bit mode
A PIC16F819 DYMOCLOCK
EnvStick USB Temperature Sensor using PIC12F683
Heart rate measurement from fingertip using PIC16F628A
Teddy nightlight multicolor using PIC16F84A microcontroller
DATA LOGGER measures and stores voltage using PIC16F876
Switch Relay using pic-microcontroller
TTL to RS232 Signal Conversion
PIC Light Chaser
Long Period Astable Timer using PIC12F629
PIC LUCK-1 using PIC16F84 Microcontroller
Building your own Simple Laser Projector using the Microchip PIC12F683 Microcontroller
Simple Project on LED blinking by PIC 16 Microcontroller using pic Microcontroller
Simplest Temperature Data Logger using PIC12F683
A Word Clock using PIC16F877 microcontroller
WLoader – a 16f877 application loader using pic microcontroller
How to Implement SPI Using PIC18F4550
Led matrix project using shift register and pic16f628a micro
Bootloader for 16F87x PIC Microcontrollers
Automated Railway Gate Controlled by PIC16F877A
Autonomous Foosball Table
Candle Simulator using PIC12F675 microcontroller
Mechanically scanned laser display using PIC17F877
Android App Home Automation via Bluetooth Using PIC16F628A Microcontroller
Interfacing Dot Matrix led Display with PIC Microcontroller
The Ultra-QP An Ultrasound QSO Party Rig Fun & Educational!
TRACK CONTROLLER FOR AWANA® GRAND PRIX using PIC16F628
An LED Dice using a PIC 16F84 (or 16F88)
28 Pin PIC Terminal Development Board
Pickit 2 Download & Develop Your own USB pickit ii programmer
0-9999 seconds count down timer using PIC12F683 microcontroller
Compact PIC18F1320 Microcontroller Board
Computer-Controlled Light-Up Water Fountain
How to drive a Dot Matrix LED Display. using pic microcontroller
PIC16F628 4 RGB LED PWM Controller using pic microcontroller
Programmable Stiffness Joint using pic-microcontroller
Microdot – wrist watch LED pattern timepiece using PIC16F8 microcontroller
Interfacing android with pic microcontroller via Bluetooth
IKEA Mood-light Conversion using PIC12F683P
Low power temperature data logger using PIC18F27J53
Implementation USB into microcontroller: IgorPlug-USB (AVR) using pic microcontroller
Interfacing of PIC16F84A with DS1307 (RTC) code and Proteus simulation
50MHz 7 segment frequency counter using PIC16F877A
7-Segment ASCII character Set A 127-character ASCII table for 7-segment LED or LCD displays using PIC16C84
RGB LED PWM Driver for High Power 350mA LEDs V3 using PIC12F629
A new multi-function power supply unit for my Embedded Lab using PIC16F689
- Quick Key Adapter, 10 Button HID Keyboard using PIC18F14K50
- Infra-Red Transmitter using PIC12F675 microcontroller
- Disco Lights Project using pic microcontroller
- Music player built on microcontroller AT91SAM7S256 with ARM core
- Shrieker using PIC16F676 Microcontroller
- How Seven Segment Display Multiplexing with PIC Microcontroller for Electronic Sign
- Digital Voltmeter Using PIC Microcontroller 16F877A and Seven Segments Display (0-30V)
- Interfacing Proteus with Matlab
- 3x3x3 LED Cube using PIC16F690 microcontroller
- The Trickster – USB Computer Prank using PIC18F14K50
- How to display custom characters on LCD using PIC16F877
- Easy Debugging Terminal using PIC16F84
- EMDP1 – Extensible Multiple Device Programmer 1 (Rev. C) using pic microcontroller
- Simple USB to RS232 adapter on pic18f2455
- PIC Harmonic Distortion Meter
- Frequency Counter using PIC16F877A Microcontroller
- Interfacing 16X2 LCD with PIC Microcontroller
- PIC 16C84 VT-52 Emulator for Linux
- Balanced Line Attenuator
- Pickit 2 clone The Universal Microchip PIC Programmer /Debugger
- Interface a HD44780 Character LCD with a PIC Microcontroller
- 10MHz DDS Sine/Square Function Generator based on the AD9835 using PIC16F628
- How to use Timers in PIC18F4550 Microcontroller
- IRMimic™ Trainable IR Remote Control Transmitter using pic microcontroller
- Introducing the BOLT PIC18F2550 Microcontroller Board using pic microcontroller
- GSM Based Versatile Robotic Vehicle Using PIC Microcontroller
- Hard Drive Clock using PIC16F628
- The VGA Test Box using pic18f452 Microcontroller
- Data logging with an EEPROM
- Automatic street light control by pic microcontroller
- 3-Switch Mini IR Remote Control for PIC10F200
- Line following robot using PIC16F84
- GPS REPEATER/SYSTEMS MONITOR using PIC16F876
- Low cost OLED module interface using PIC18F452
- Interfacing LCD Modules with PIC Microcontrollers.
- Message Pump using PIC16F687 microcontroller
- 50 MHz frequency counter, voltage meter & SWR/PWR indicator using PIC16C71
- PIC Microcontroller timer Video Project
- Make your own USB LCD controller using PIC18F2550
- The One Chip Spinning RGB POV Display with conversion software using PIC18F4680 microcontroller
- Mouse interfacing and communication using PIC16F877
- Voice controlled wheelchair
- Microcontroller Adc Project Circuit
- Medallion: Circle LED Animation PIC16F628A
- Navigation Lights for Models for PIC12F629
- Leon’s Mini Random Number Generator (mRNG) using pic microcontroller
- PIC 16F84 Serial Programmer
- LEARN HARDWARE FIRMWARE AND SOFTWARE DESIGN – BRIEF DESCRIPTION
- Soundtrack using PIC16F688 Microcontroller
- Lab 3: Four bit binary counter using PIC16F688
- Digital alarm clock using PIC16F877 microcontroller
- IK30IL 16F84 PIC Frequency Counter Files
- PIC16F877 up down counter code and Proteus simulation
- Max the Spider – powered by LEGO and PIC microcontroller
- Towers of Hanoi Final report using pic-microcontroller
- PIC based WWVB clock
- A modified version of the "Air display" adapted to be used in a bicycle using PIC12F629 microcontroller
- pic18f2550 Microcontroller Project Board
- FTS-8 subtone encoder
Low cost ICSP PIC-programmer using PIC16F648A
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Interfacing Ultrasonic Distance Sensor : ASCII Output with PIC Microcontroller
Intelligent NiCd/NIMH Battery Charger using PIC16C711
Capacitance Meter MkII using PIC12F629
JavaBot1 ........... A line following robot
Solar Recorder
DTMF Touch Tone Decoder Using Microchip PIC Microprocessor using PIC12F683
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8 Channel PWM LED Chaser for PIC16F628A and PIC16F88
Using Fixed Voltage Reference (FVR) for A/D conversion in enhanced mid-range PIC microcontrollers
Serial communication with Pic 16f877 using UART
MRNet — Wired Cab Module (Revision A) using pic microcontroller
Programming a Picaxe 08m chip
MEASURING HEART RATE USING A PHOTOPLETHYSMOGRAPHIC CARDIOTACHOMETER using pic-microcontroller
8049 Spy using pic microcontroller
Aurora mini 18 using PIC24FV16KA302 microcontroller
PIC-Bot II
Traffic Light Controller using pic microcontroller
Quozl’s Alarm Clock using PIC16F877
A Simple Clock using DS1307 and PIC16F877A
RGB LED Strip Controller high-side LED drive for PIC12F629
RGB REMOTE (pinguino+web+linksys) using PIC18F2550 microcontroller
LED Microcontroller Debug Module using PIC18F4420
USB and PIC Microprocessors 16C745 and 18F2455
How to interface keypad with PIC12F675
Twitter Watcher, the #twatch using PIC18F67J60 microcontroller
Low cost LCD module interface with optional LED backlight using PIC18F452
DC motor and Fan speed control using pic 16f877 Microcontroller
PIC16F84A I2c (bit banging) code and Proteus simulation
PICMAN prototyping board using PIC18LF4553
PIC12F675 based digital clock using LCD display (Code + Proteus simulation)
Design and Development of an Automated Home Control System Using Mobile Phone
How to interface LCD with PIC18F4550 Microcontroller
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Weather station using PIC18F452 Microcontroller
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RCS/RC6 codes on a LCD using PIC16F648A
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How-to: USB remote control receiver using pic microcontroller
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WORLD’S SIMPLEST PROGRAM using PIC12F629
Determine capacitance by measuring the charging time using PIC16F688
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Understanding ICSP for PIC Microcontrollers
PIC16F84 Evaluation Board
Making a digital capacitance meter using PIC16F628A
Interfacing with The Energy Detective using pic microcontroller
Electronic Voting Machine Using PIC Microcontroller
How to work with External (Hardware) Interrupts of PIC18F4550
Programmable IR remote control using PIC16LF877
PIC18F Based 6 Channel DMX Transmitter
Cell Phone Detector
TDA7000 FM Receiver / TV Tuner / Aircraft Receiver using pic microcontroller
Single button code entry for a digital lock using PIC16F628A
- Propeller Clock Mechanically Scanned LED Clock using PIC16C84
- A Minimal USB CDC ACM aka Virtual Serial Port
- 01/\atch using PIC16F913 microcontroller
- Very Accurate LC Meter based on PIC16F628A using pic microcontroller
- TTPSU – Power supply for turntables with AC motors
- Infra/radio remote control transmitter/receiver with PIC16F630
- Caller Line Identification (CLI) using PIC16F628A
- Voltage programmable simple logic device using PIC12F675
- Single Chip Temperature Data Logger
- Intel D945GCLF Small Front Panel using PIC12F629
- Dspic-Servo Project using PIC30F4012 microcontroller
- PIC Based Message wand
- Chromation Systems RGB LED Tube Light
- PWM Fan Controller using PIC12F675 microcontroller
- Computer-Controlled Light-Up Water Fountain using pic-microcontroller
- PIC16F877 LED blinking code and Proteus simulation
- Details of PIC ICSP and how to use it for pic microcontrollers.
- Universal High-Power LED Driver with 3D-printable Case using PIC16F1823
- LabVIEW motion controller using pic microcontroller
- Reverse Engineering to Emulate Ink Cartridges for a Epson Printer using PIC18F
- Project Ryu Lagger – Guitar Effect
- Microcontroller based Diode and Bipolar Junction Transistor (BJT) tester using PIC16F688
- A 12hr/24hr LED Clock with display control using PIC16F628A microcontroller
- Mini F1 race track Grid Start Lights using PIC12F627A
- Record+play fast 1bit sound on a PIC!
- Simple 3 Resistor PIC Programmer
- Picaxe Blending Nightlight using pic12f683
- 2-Wire LCD Interface using PIC16C84
- One Chip Video Poker using PIC16F628 microcontroller
- PIC16F84A software UART (bit banging) code and Proteus simulation
- How to Program a PIC Microcontroller & Read an Encoder
- GSM based Control System by pic microcontroller
- TAXI PHONE
- Reading Nintendo 64 controller with PIC microcontroller
- Making a Digital Clock using PIC16F628A
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- Cheap PIC Programmer using PIC16F84 microcontroller
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- Converting a Proxxon MF70 Milling Machine To CNC – 2 using PIC18F4620
- TD-USB-01 interface with mouse sensor board using PIC18F2550
- Brushed Motor ESC using PIC12F675 microcontroller
- How to create custom characters on 16×2 LCD using PIC18F4550
- Development system for PIC and AVR microcontrollers
- Life Size Operation Game using PIC16F877 microcontroller
- RGB LED PWM Driver for High Power 350mA LEDs using PIC12F629
- A pic programmer circuit based on AN589
- MICROCONTROLLER BASED INTERFACE UNIT FOR 5KW MICROWAVE OVEN
- A DIY indoor thermometer plus hygrometer using PIC16F688
- 5 LED CUBE Controller for PIC16F688
- Projects on Speed Checker To Detect Rash Driving On Highways
- PIC16F877 I2c code and Proteus simulation
- Universal Driver & Dev Board using PIC16F
- How to display text on 16×2 LCD using PIC18F4550
- Transmit & Receive Infrared Signals With Your PC Serial Port using PIC12F508
- Driving a piezo speaker with a PIC using pic-microcontroller,
- Making a binary clock using a PIC Microcontroller
- How to display custom characters on LCD using PIC16F84A
- 20 LED BADGE using PIC12F629 Microcontroller
- Pocket Programmer
- Complete Intro To PIC’s – Make an LED Flash Video
- eDrum – Trigger MIDI Converter using PIC16F877
- PIC12F675 Comparator Code and Proteus Simulation
- PIC12F675 microcontroller as Flip Flop
- PIC12F675 LCD Interfacing Code and Proteus Simulation
- TechBot line following robot using PIC16F84
- RGB LED Mood Light Standalone PWM controller for RGB LEDs using PIC12F629
- Digital Thermometer Using PIC16F688 microcontroller
- PIC Controlled Relay Driver using pic microcontroller
- Underground locator generator for Radiodetection using PIC16F628
- Low cost temperature data logger using PIC and Processing using PIC12F1822
- PIC RGB Power Board using PIC12F629 microcontroller
- Serial Addressable RGB PWM LED Driver using PIC16F628A
- LED Sign has a purpose! using pic microcontroller
- Aurora 9×18 RGB LED art using PIC24F08KA101 microcontroller
dsPIC30F2012 breadboard
- The 'One Chip Spinning RGB POV Display' with conversion software using PIC18F4680
- Granular Flow Rotating Sphere using pic-microcontroller
- PIC12F675 i2c (bit banging) code and Proteus simulation
- PIC and EEPROM Programmer
- Heat Control System using pic-microcontroller
- Scalextric Sport Race Start Controller using PIC16F627A
- Interfacing of PIC16F877 with (i2c based) 24LC64 EEPROM (Code + Proteus simulation)
- LED Chaser for PIC16F84A and PIC16F628A
- Using PicBasic with the PIC16F84 PIC Microcontroller
- In-circuit serial programmer for PIC16F87X
- 8×8 LED matrix using PIC16F690 microcontroller
- LCD Oscilloscope for Spectrum Analyzers using PIC16F876A
- SMS Box project using PIC16F877A Microcontroller
- Circuit design and electronics using pic-microcontroller
- How to make a contact-less digital tachometer using IR-light reflection technique
- PIC16F877 LCD code and Proteus simulation
- ESR Meter using pic microcontoller
- Direct Digital Synthesis (DDS) using PIC16F84 microcontroller
- How to interpret the direction of rotation from a digital rotary switch with a PIC using PIC16F877A
- How to make a contact-less digital tachometer using IR-light reflection technique using PIC18F2550
- Dialing Alarm using PIC16F628 Microcontroller
- World's Smallest Low-speed USB Analyzer using pic16f877
- How to adapt a NES clone controller to bluetooth using PIC12F675
- NETWORK EQUIPMENT RESETTER using PIC16F628
- A DCF77 Clock with RS232 Interface using PIC16F84
- How to interface Stepper Motor with PIC18F4550 Microcontroller
- Temperature Recorder using PIC12F683 microcontroller
- Prometheus/Pandora’s Box using PIC12C508 microcontroller
- C-52EVRobot Controller
- USB Keypad Demonstration – Crystal Free USB and mTouch™ Sensing Solutions using pic microcontroller
- COMBINATION LOCK FOR SAFE using PIC16F628
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- DC motor speed control using PWM using PIC16F876
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- Audio CRO using PIC12F675 Microcontroller
- Seven Segment Multiplexing using PIC18F4550 Microcontroller
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- Closed-Caption Decoder using PIC16C84
- Aurora 48 – 48 RGB LED Sequencer using PIC24FV16KA304
- LEDactus using PIC18F1320 Microcontroller
- Traffic Message Channel receiver using PIC18F8722
- PIC PAL Video Library using pic18f4620
- Digital clock ds1307 using PIC microcontroller
- DS1820 Temperature regulator using PIC16F628
- PIC12F675 software UART (bit banging) code and Proteus simulation
- Incredible DIY iPhone Macro
- PIC12F675 based simple calculator ( Code + Proteus simulation )
- Interfacing EM-18 RFID Module with PIC Microcontroller
- USocket – USB controlled Socket with PIC18F4550
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- Blink LED with XCB compiler using external Oscillator
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Using an LCD’s for Graphics Animation using PIC16C84
Tiny PIC bootloader using PIC16F microcontroller
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Building the Mongoose Mechatronics Robot: Part 1 Chassis & Gearbox using PIC18F2525
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F1 Gantry Race Start Lights using PIC16F684
Using Digole 12864ZW LCD with PIC18F
How-to: Bus Pirate v1, improved universal serial interface using PIC24FJ64GA002
The Talking Breathalyzer Mark II using PIC18F1220
In-Circuit PIC Loader using PIC18F458 microcontroller
Classic LED 7-Segment Displays using PIC16F887
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