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Pic10f series microcontroller based Project List

1. **pickit 3 supported devices**
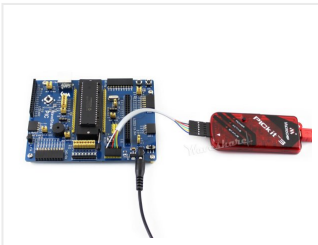
   Supported Devices Refer to MPLAB IDE v8.76, the following devices are supported: ICSP PIC10F PIC10F200, PIC10F202, PIC10F204, PIC10F206, PIC10F220, PIC10F222 PIC12F PIC12F508, PIC12F509, PIC12F510, PIC12F519, PIC12F609, PIC12HV609, PIC12F615, PIC12FHV615PIC12F629, PIC12F635,…

2. **World top 10 cheapest microcontrollers (MCUs)**

   Microchip Technology / Atmel ATTINY9-TS8R Mouser No: 556-ATTINY9-TS8R Mfr. No: ATTINY9-TS8R Mfr.: Microchip Technology / Atmel Description: 8-bit Microcontrollers – MCU 1K FLASH 32B SRAM TIMER Datasheet: ATTINY9-TS8R Datasheet Pricing…

3. **Review of EasyPIC v7**

   MikroElektronika, a Belgrade, Serbia-based company is well-known for producing quality software and hardware development tools for a wide range of microcontroller families, including PIC, AVR, and ARM processors. Their mikroC…

4. **Kaossilator 2 hack: hands free (part 1/2)**

   This is my first instructable…. ever. So here it goes. I own a Kaossilator 2 (KO2). It's fun little phrase synthesizer and simple looper. But it has this awkward issue…

5. **10-minute sewable iPod remote using PIC10F222 microcontroller**

   10-minute sewable iPod remote There are a lot of really cool iPod remote control projects: some have simple buttons, some react to heartbeat or body motion, and others are designed to…

Our Recommended Online Courses

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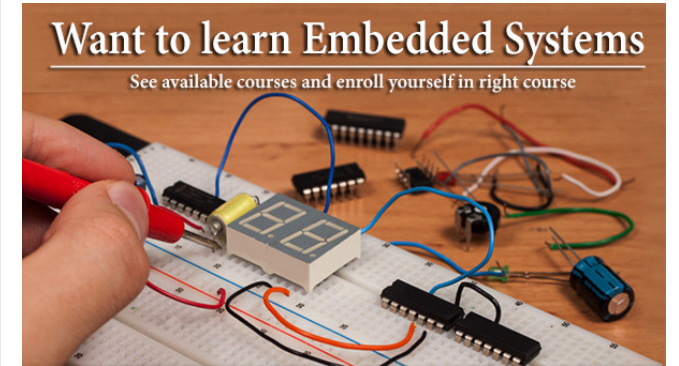
Project Categories

GPS Projects

Internet and LAN Projects

Interfacing(USB) Projects

Metering & Instrument Projects

Sensor – Detector Projects

Motor Based Projects

Phone Based Projects

Robotics and Automation Projects

Camera – Imaging and Video Projects

Game and Entertainment Projects

Home Automation Based Projects

Memory and Storage Projects

RFID Based Projects

Security and Safety Projects

Feedback / Suggestions

6. [Ultra low cost solar-rechargeable persistence of vision display using PIC10F206](#)
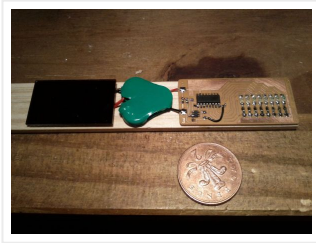

Ultra low cost solar-rechargeable persistence of vision display This device produces a bright and eye catching display to write text and small images through the air. It uses under £2…

7. [Smart Button using PIC10F microcontroller](#)

Smart Button This is a button a little bit smarter. (Microcontrollers and coffee, who doesn't like!) I i'm using it to fill my Coffeemaker with water. This way its a little…

8. [PIC10F200 based dice](#)
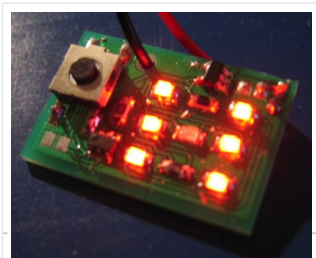
This page describes a PIC10F200-based electronic dice. The reason I made this was that I got a small corner left over when ordering a panel with a couple of other…

9. [3-Switch Mini IR Remote Control for PIC10F200](#)

Description This project is a 3 button mini IR remote control which transmits 12-bit SIRC IR signals as used by Sony remote controls. It has been designed to work with…

10. [Throbbing Apple Logo Sticker using PIC10F206 microcontroller](#)

Throbbing Apple Logo Sticker This little gizmo adds the iconic "sleeping Mac throb" to an ordinary Apple logo decal. The idea for this came about when passing by the Apple…

11. [Introducing PIC Microcontroller projects](#)
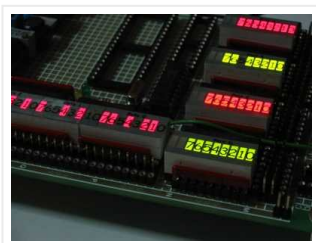
PIC Microcontroller Development Tools History PIC microcontroller Development Board (Completed on 2006-10-28) The ultimate PIC Microcontroller development board. After years of programming PIC microcontroller, I have finally design my super…

12. [Two PIC pins drive six LEDs](#)

  This Design Idea demonstrates a new method of driving six LEDs with only two I/O lines from a microcontroller, and so is particularly suitable for any pin-limited chip. It uses…

Sound and Audio Projects

Temperature Measurement Based Projects

DIY Projects

Medical and Health based Projects

Battery Based Projects

PWM (Pulse-width modulation) Projects

Radio Based Projects

Others Project

Calculator Based Projects
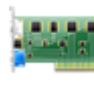

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Development Board Projects

RTOS Projects

Feedback / Suggestions

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Tiny GSM alarm system using PIC16F84A

March 14, 2013

PC Interfacing a GameBoy Camera using PIC18F4620 microcontroller

November 11, 2016

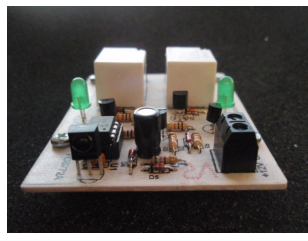Home Automation and Safety via GSM Remote

March 14, 2013

13. [Crossed IR Beam Camera/Flash Trigger](#)

This device will trigger a camera or flash unit to automatically take a picture when an object (target) enters a specific location. It uses two, crossed infrared light beams to…

14. [2-Channel IR Relay Controller for PIC10F200](#)

Description This project is a 2 channel infrared (IR) remote controlled relay driver with power saving. It works with 12-bit SIRC IR signals as used by Sony remote controls. The…

15. [3 LED Bike Light for PIC10F200](#)

Description This project is a multi-function LED bike (cycle) light using 3 LEDs. It is based on a PIC10F200 baseline microcontroller, running from a supply voltage of 2 to 5…

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

Usbpicprog is an USB in circuit programmer for Microchip PIC processors family PIC10F, PIC12F, PIC16F, PIC18F, PIC24F, PIC32F and I2C Eeprom 24xx. The hardware is as simple as possible, the…

17. [Programmable Lamp Dimmer using pic microcontoller](#)

Also known as the "Sketch as Fuck Lamp Dimmer" per my friend Eric, the design originating from this application note in general has the usual lamp dimmer topology: a zero detector, a timer,…

18. [The Annoy – A Tiny Intelligent Buzzer using PIC10F202](#)
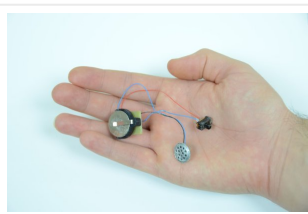
A while back I made a blog post about a PIC10F200 Project: The Annoy. In this project they combined the simplicity in design along with the creativeness that I always…

19. [Pickit 2 Download & Develop Your own USB pickit ii programmer](#)

PICkit 2 Introduction: There are many PIC programmer available, commercial and DIY devices. As Microchip introduces the new microprocessors the programming software got to be updated accordingly playing catch-up…

20. [GTP USB PIC PROGRAMMER (Open Source) using PIC18F252](#)

GTP USB PIC PROGRAMMER (Open Source) This work includes, GTP USB (not plus or lite) . The schematic, photos and PCB have been developed by
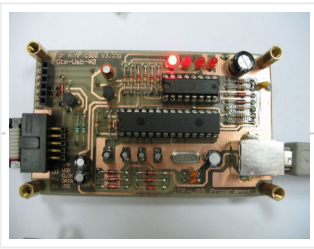

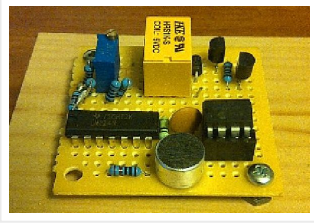PIC based UPS Schematic / Firmware / PCB Layout
June 15, 2013

Automatic School Bell
November 23, 2013

Feedback / Suggestions

PICMASTERS based on some valuable…

21. [How to make a Clap-Clap on / Clap-Clap Off switch circuit! using PIC10F222](#)

How to make a Clap-Clap on / Clap-Clap Off switch circuit! Hi all! This instructable not only gives the reader the information needed to create a clap-clap on/clap clap off…

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Pic16f877a projects list

Pic18f4550 projects

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