


**PIC**  
**microcontroller**

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## 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](#).

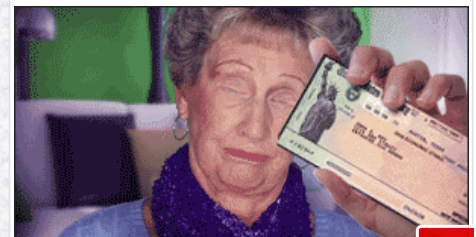
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- [48 Channel Mono / 16 Channel RGB LED Controller using PIC18F2550 microcontroller](#)
- [Mood vase using PIC12F683 microcontroller](#)
- [Simple JDM PIC Programmer using PIC16f84A microcontroller](#)
- [New Earth Time digital clock in recycled retro-modern case using PIC16F627A](#)
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March 14, 2013


**PC Interfacing a GameBoy Camera using PIC18F4620 microcontroller**

August 14, 2015


**Home Automation and Safety via GSM Remote**

March 14, 2013


**PIC based UPS Schematic / Firmware / PCB Layout**

June 15, 2013


**Automatic School Bell**

November 23, 2013

- [How to make a Clap-Clap on / Clap-Clap Off switch circuit! using PIC10F222](#)
- [Control a Hobby Servo using PIC18F2455 microcontroller](#)
- [DTMF Touch Tone Decoder Using Microchip PIC Microprocessor using PIC12F683](#)
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- [NOPPP. the "No-Parts" PIC Programmer using PIC16F83](#)
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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



Sound and Audio Projects



Temperature Measurement Based Projects



DIY Projects



Medical and Health based Projects



Battery Based Projects

Feedback / Suggestions

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- [Grid Powered Battery Charger – The Plans using PIC16F676](#)
- [Countdown Timer using PIC16F84 microcontroller](#)
- [In-Circuit debugger, created by E.E. Atanasios Melimopoulos using PIC16F628 microcontroller](#)
- [GTP USB PIC PROGRAMMER \(Open Source\) using PIC18F252](#)
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- [LCD Oscilloscope for Spectrum Analyzers using PIC16F876A](#)
- [Simple RF/Microwave Frequency Counter using PIC16F876A](#)
- [My GPS LCD Display Project using PIC16F84](#)
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- [eDrum – Trigger MIDI Converter using PIC16F877](#)
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- [Build a digital spirit level using a SCA610 accelerometer using PIC16F684](#)
- [Voltage monitor for car's battery and its charging system PIC16F1827](#)
- [Experimenter's board for enhanced mid-range PIC microcontrollers \(PIC16F1827 and PIC16F1847\)](#)
- [Humidity and temperature measurements with Sensirion's SHT1x/SHT7x sensors using PIC18F2550 \(Part 2\)](#)



PWM (Pulse-width modulation) Projects



Radio Based Projects



Others Project



Calculator Based Projects



Car - Auto Projects



LCD Based Projects



LED Based Projects



Clock and Timer Projects



CNC-Machines Projects



Development Board Project



RTOS Projects



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- [Make your own motion sensor alarm with SMS feature using PIC18F2550](#)
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- [Countdown Timer using PIC16F690 microcontroller](#)



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