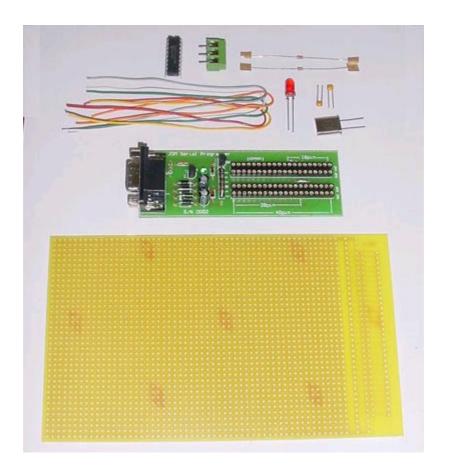
Getting started PIC16F84A kit + PIC programmer



Description :

The purpose of this demonstration is to control a LED with a PIC 16F84 microcontroller.

Once you get the Kit working, you will be able to make any project with Microchip microcontroller very quickly and easily which seems wordily to many people at the beginning.

This kit contains a PIC 16F84A-I/P chip, programmer and all other parts necessary to make the project.

Parts Used 1x Test board 1x PIC16F84A 1x LED Diode 1x 4 MHz Crystal Resonator 1x JDM PIC programmer and necessary parts

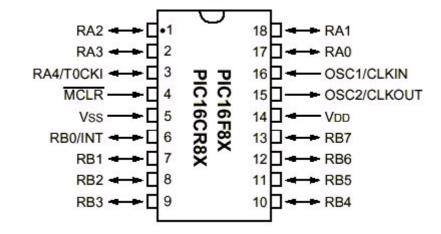
PIC16F84 The PIC 16F84 is an inexpensive yet very versatile MCU in the PIC family. It features: 1K of Flash EEPROM 68 bytes of RAM 64 bytes of EEPROM data operates at up to 10MHz 13 I/O pins Only 35 instructions to learn External Interrupt Timer overflow Interrupt High current sink/source

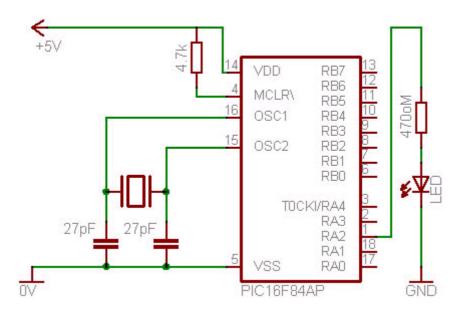
You can find complete documentation in the Data sheets from the Microchip web site.

http://www.microchip.com

http://www.microchip.com/wwwproducts/Devices.aspx?dDocName=en010229

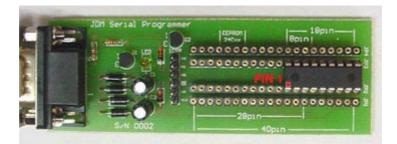






PIC programming

1. Insert PIC16F84 in programmer and connect to PC :



2 . Download software and HEX file :

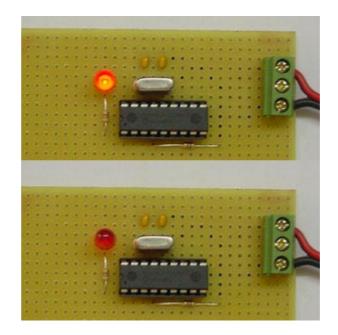
http://www.sigma-shop.com/software/pic16f84_kit/pic16f84_kit.zip

3 . Program PIC with HEX code :

	emory:	on word
000: 300 008: 281	Open 🤗	Ct
008: 281		imer
018: 340	Look in: 🔁 PIC16F84_LED 🔹 🖛 🗈 📸 📰 -	timer
020: 300	PIC16F84_LED.hex	
028: 110	FICTOROT_CCD, NBX	
030: Ob8		
038: ***		
040: ***		
048: ***		
050: ***		
058: ***		s port
060: ***		С СОМЗ
068: ***		- C COM4
070: ***	File name: Open	
		ī ———
	El (a la ana s	
onfiguration	Files of type: Hex files (*.hex)	_ C 24LC16

0020: 3004 008f 30fa 0090 2004 0b8f 2822 1683 0028: 1105 1283 1105 3004 008f 30fa 0090 2004 0030: 0b8f 282d 281c 0063 **** **** **** **** 0038: **** **** **** **** **** **** **** 0040: **** **** **** **** **** **** **** 0040: **** **** **** **** **** **** **** 0048: **** **** **** **** **** **** 0048: **** **** **** **** **** **** 0050: **** **** **** **** **** **** 0058: **** **** **** **** **** **** 0060: **** **** **** **** **** **** 0070: **** **** ****	~	Communications port COM1 COM3 COM2 COM4
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Flashing LED ... :)



Some projects with PIC16F84 :

http://www.best-microcontroller-projects.com/pic-projects.html http://mondo-technology.com http://www.electronics-lab.com/blog/?tag=pic16f84

Programmer manual : http://www.sigma-shop.com/manuals/jdm_manual.pdf