

PIC Soft

Farnell Order Code 631-000

These source code files supplied on disk are for the 16C5x and 16Cxx devices. Source code files for the 17Cxx devices are not included here but are freely available on the Microchip BBS. For a full description of the application, refer to the Embedded Control Handbook 94/95 by Arizona Microchip.

File name	Size	Date	Description
AN510.ZIP	6.2K	04/93	16C5x Asynchronous serial I/O
AN511.ZIP	4.2K	04/93	16C5x as PLD replacement
AN512.ZIP	1.2K	04/93	16C5x Ohmmeter / Temperature sensor
AN513.ZIP	1.4K	04/93	16C5x A/D conversion
AN514.ZIP	1007	04/93	16C5x Software interrupt technique
AN515.ZIP	3.3K	04/93	16C5x Communicating with the IIC bus
AN519.ZIP	2.0K	04/93	16C5x Implementing a mouse
AN526.ZIP	18K	09/94	16C5x Utility math routines
AN527.ZIP	844	04/93	16C5x Software Stack Management
AN528.ZIP	1.3K	04/93	16C5x Wake-up on keystroke
AN529.ZIP	8.4K	01/95	16C5x Mux LED drive & 4x4 keypad sample
AN530.ZIP	9.5K	04/93	16C5x Interfacing to 93C46 serial EEPROM
AN531.ZIP	8.3K	04/93	16C5x Intelligent Remote Positioner
AN535.ZIP	2.5K	04/93	16C5x Powering Serial EEPROMs
AN541.ZIP	5.0K	06/94	Using PIC16C5X as a Smart I2C Peripheral
AN546.ZIP	5.9K	01/94	16C71 A/D Converter
AN552.ZIP	2.5K	01/94	Wake-up on Key Stroke
AN554.ZIP	28K	02/94	Software implementation of I2C bus master
AN555.ZIP	49K	09/94	Software implementation of Serial I/O
AN557A.ZIP	17K	03/94	Digital Voltmeter with display and Keyboard
AN563.ZIP	17K	11/93	16C5X Using the 5X as LCD Drivers
AN564.ZIP	3.8K	01/94	Using the PWM
AN579.ZIP	7.2K	09/94	Using the 8-bit Parallel Slave Port
AN582.ZIP	23K	05/95	Low Power Clock
AN585.ZIP	15K	02/95	A Real-Time Operating System for PIC16/17
AN586.ZIP	884	08/94	16C5X Macros for Page and Bank Switching
AN587.ZIP	30K	08/94	16CXX Interfacing to an LCD Module
AN589.ZIP	2K	02/95	A PC-Based Development Programmer for the PIC1
AN590.ZIP	4.4K	11/94	A Clock Using the PIC16C54 for LED Displays
AN592.ZIP	16K	03/95	Frequency Counter Using PIC16C5X
AN594.ZIP	29K	08/94	16CXX Using the CCP Module
64K.ZIP	22K	10/93	16C54 code for interfacing to 24x65
3WIRE.ZIP	12K	10/93	16C54 code for interfacing to 93LC56/66 device
2WIRE.ZIP	16K	10/93	16C54 code for interfacing to 24xx
CLK7.ASM	31K	05/95	Egg timer source code - NOT a compressed file

The following files are for use with the PIC Project Board (527-646) and with slight modification on the PIC16C64/74 Hardware Starter Kit (630-639) :-

PROJ1.ASM - Simple count down timer with LED flashing every second, PROJ1A.ASM - As PROJ1 but with LED on for count down duration, PROJ2.ASM - single channel A/D converter displaying output on Port B, PROJ3.ASM - Dual input A/D showing if one input is < = > than reference, PROJ4.ASM - Simple frequency generator for approx 100Hz to 8KHz, PROJ5A.ASM - Electronic dice with sound effects

Also included:- ASM11100.ZIP - MPASM Assembler for PIC family, SIM500.ZIP - MPSIM Simulator for PIC family, PFE.ZIP - Windows based file editor, PKUNZIP.EXE Unzip program for .ZIP files.

Other PIC products available from Farnell are:-

16C54/56/58/61/71/84 Hardware Starter Kit	459-884
16C55/57 Hardware Starter Kit	459-896
Project Board (18 pin PIC's)	527-646
16C64/74 Hardware Starter Kit	630-639
PIC Convert	703-473
Beginners Guide to the Microchip PIC	489-359
PIC Cookbook 1	654-991

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