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**'Rotary encoder interrupt service routine for AVR micros**

October 18th, 2018 - Thank you for sharing your code I especially like your elegant approach using the enc states array One little quirk which was easily solved The setup section is a bit inconsistent since it uses PORTB but then uses PCMSK1 PCINT8 PCINT9 PCIE1 and PCINT1 vect which all require using PORTC'

**'PASSING MACRO TO FUNCTION CodeVision AVR Freaks**

October 14th, 2018 - I am using CodeVision and I have several define that look at specified pins see code below I would like to be able to pass these into a function The code below the define statements is something I would like to turn into a function instead of writing it over and over for each define'

**'Speed and Direction Control of Stepper Motor using AVR**

October 13th, 2018 - I am looking at programming a stepper motor which is controlled by a keypad function to set direction of rotation and also speed of rotation with the LCD display the direction and speed I would be grateful for any assistance with writing the C code for the function of the stepper motor and lcd'

**'Debounce Code ? one post to rule them all Hackaday**

October 17th, 2018 - Last month we asked you to send in your debounce code You didn't disappoint and it's time to share the code received There were some guideline for sending in code so if you don't see yours'

**'Using Serial Peripheral Interface SPI Master and Slave**

October 9th, 2018 - Blog Entry Using Serial Peripheral Interface SPI Master and Slave with Atmel AVR Microcontroller June 25 2009 by rwb under Microcontroller Sometimes we need to extend or add more I/O ports to our microcontroller based project'

**'4x4 Hex Keypad Interface with ATMEGA16 Proteus and Codevision**

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September 1st, 2018 - Learn how to connect 4x4 hex keypad with Atmega16 using interrupt and MM74C922 encoder ic The MM74C922 ic is a 16 key encoder with output enable button debounce and data available functionalities' 'AVR Programming 04 Writing code etc Hackaday

October 8th, 2018 - AVR Programming 04 Writing code Adding to the Example Hardware The example code that I've been working with on the last two parts of this tutorial is a bit boring'

'*AVR interrupts Yahoo Answers*

*July 7th, 2018 - Best Answer I assume you have a switch wired with a pull up resistor so that a press of the button low and a release of the button returns high By using the Pin interrupt you start executing the code in the interrupt handler It is in this code section where you use a software based timer'*

'AVR Timer Interrupt Proteus and Codevision AVR

September 13th, 2018 - The code is done in codevision AVR and simulated in proteus isis The starting value of 8 bit timer is set using formulae in the video and the required timer period is obtained' 'CodeVisionAVR Example Programs HP InfoTech

October 10th, 2018 - Download example programs for the CodeVisionAVR C compilerMaster frame Example how to call a function written in assembly from C code Multifile Project Example of a basic multiple file project Keypad Example how to scan a 4x4 keypad with key noise debouncing ZModem An implementation of the basic features of the ZModem protocol' '

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