EE 2920

Dr. Johnson

Homework 4

P3DIR &=
$$\sim 0x44$$
;

$$P3DIR = (1 << 5) | (1 << 4) | (1 << 1);$$

2 – Identify the direction(I/O) and value (1,0, use X if unknown) for each the following pins 2,3,4,5,6 given the code below: 30pts

Pin 2
Pin 3
Pin 4
Pin 5

Pin 6

P3REN &= $\sim 0x04$;

P4REN = 0x0F;

3 – Write a snippit of code to toggle pin 4 using bit-banding: 40pts hint: determine the required bit-band address and then use a pointer to change the value

~ 7 lines of code