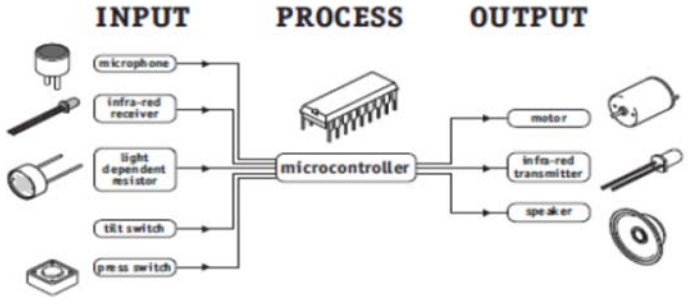
Revision Sheets #02: PIC 18 Microcontrollers Architecture

1. Which is/are product family/ies of the Peripheral Interface Controller PIC.
   A) 12-bits microcontroller
   B) 17-bits microcontroller
   B) 25-bits microcontroller
   D) None of the previous.
2. Which of the following is true about the letter F in PIC microcontroller such as product label PIC18F45K22?
   A) The F in a name generally indicates the PIC microcontroller uses flash memory and can be erased by ultraviolet light
   B) The F in a name generally indicates the PIC microcontroller uses flash memory and can be erased magnetically
   C) The F in a name generally indicates the PIC microcontroller uses four memory types
   D) None of the previous.
3. Which one of the following is true about PIC microcontroller?
   A) PIC microcontroller was sold to Microchip and it uses PWM technology
   B) PIC microcontroller was sold to Microchip and it uses CISC technology
   C) PIC microcontroller was sold to Intel and it uses RISC technology
   D) All of the previous.
4. The block diagram below corresponds embedded system design based on microcontroller, Identify the missing components respectively from the left to right are:
   A) Analog input, Analog output, microprocessor
   B) digital input, digital output, microcontroller
   C) Input, process, output
   D) None all of the above



5. Which one of the following is true about PIC PIC18F45K22 microcontroller?
   A) PIC18F45K22 has five I/O digital ports (Ports A, B, C, and D, are 8-bits while port E is 3-bits)
   B) PIC18F45K22 has four I/O digital ports (Ports A, B, and C are 8-bits while port D is 4-bits)
   C) PIC18F45K22 has five I/O digital ports (Ports A, B, C, and D, are 8-bits while port E is 3-bits)
   D) None all of the previous
6. Which one of the following is true about PIC PIC18F45K22 microcontroller?
   A) PIC18F45K22 has 10 channel 14-bit Analog-to-Digital ADC
   B) PIC18F45K22 has 30 channel 15-bit Analog-to-Digital ADC
   C) PIC18F45K22 has 30 channel 12-bit Analog-to-Digital ADC
   D) None all of the previous

Ans: 1.D, 2.D, 3.D, 4.C,5.D, 6.D