|  |  |  |  |
| --- | --- | --- | --- |
| PARAMETERS | PIC18F4550 | PIC16FXXX | ATMEGA328P-PU |
| CPU Speed(MIPS) | 12 | 5 | **20** |
| Operating Frequency | **48MHz** | 20MHz | 20MHz |
| RAM(bytes) | **2048** | 368 | **2048** |
| CCP Module | 1 | **2** | **2** |
| ADC | **13 Channel 10 bit** | 8 Channel 10 Bit | 8 Channel 10 Bit |
| Operating Voltage | 2V-5.5V | 2V-5.5V | **1.8-5.5V** |
| USB Support | **Yes** | No | N0 |
| Price | 300 | 200 | **110** |

Controller comparison