	ATtiny43U	PIC12F1571	PIC16F1614	PIC16F1574	PIC16F1764	PIC16F18325	PIC24F04KA201	PIC24F16KM204
Architecture							16-bit	16-bit
Max CPU Speed (MHz)							32	32
CPU Speed (MIPS/DMIPS)	8	8	8	8	8	8	16	16
Program Memory Type	Flash	Flash	Flash	Flash	Flash	Flash		
Program Memory Size (KB)	4	1.75	7	7	7	14	4	16
SRAM (KB)	0.25	0.125	0.5	0.5	0.5	1	0.5	2
Data EEPROM/HEF (bytes)	64					256		
Temperature Range (C)	-40 to 85	-40 to 125	-40 to 125	-40 to 125	-40 to 125	-40 to 125	-40 to 125	-40 to 125
Operating Voltage Range (V)	0.7 to 5.5	1.8 to 5.5	1.8 to 5.5	1.8 to 5.5	1.8 to 5.5	1.8 to 5.5	1.8 to 3.6	1.8 to 5.5
Pin Count	20	8	14	14	14	14	20	44
Low Power	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Number of Comparators	1	1	2	2	2	2	2	3
ADC Input		4 ch, 10-bit	8 ch, 10-bit	8 ch, 10-bit	8 ch, 10-bit	11 ch, 10-bit		
Analog Peripherals							1-A/D 9x10-bit @ 500(ksps)	1-A/D 22x12-bit @ 200(ksps) 2-D/A 2x8-bit
Digital Communication Peripherals	1 SPI, 1 I2C		1 UART, 1 SPI, 1 I2C	1 UART	1 UART, 1 SPI, 1 I2C	1 UART, 2 SPI, 2 I2C		
UART							1	2
SPI							1	2
I2C							1	2
Timers	2 x 8-bit	2 x 8-bit, 4 x 16-bit	4 x 8-bit, 3 x 16-bit	2 x 8-bit, 9 x 16-bit	4 x 8-bit, 3 x 16-bit	4 x 8-bit, 3 x 16-bit	3 x 16-bit, 1 x 32-bit	11 x 16-bit, 5 x 32-bit
Input Capture							1	5
Capture/ Compare/ PWM Peripherals	4PWM		2 Input Capture, 2 CCP,		1 Input Capture, 1 CCP,	4 Input Capture, 4 CCP,		
Max PWM outputs (including complementary)							1	16
Number of PWM Time Bases							1	5
Output Compare Channels							1	5
Configurable Cell Logic								2
Supported in MPLAB Code Configurator								Yes