Appendix A
Microcontroller data

Product	Program Memory Bytes (words)	EEPROM Data Memory Bytes	RAM Bytes	I/O Pins	A/D Channels	Timers	Max Speed MHz	Internal Oscillator MHz
12C508	768 (512)	-	25	6	-	1–8 bit	4	4
12C509	1536 (1024)	-	41	6	-	1–8 bit	4	4
12CE518	768 (512)	16	25	6	-	1–8 bit	4	4
12CE519	1536 (1024)	16	41	6	-	1–8 bit	4	4
12CE673	1792 (1024)	16	128	6	4 (8 bit)	1–8 bit	4	10
12CE674	3584 (2048)	16	128	6	4 (8 bit)	1–8 bit	4	10
12F629	1792 (1024)	128	64	6	-	1–8 bit 1–16 bit	20	4
12F675	1792 (1024)	128	64	6	4 (10 bit)	1–8 bit 1–16 bit	20	4

Product	Program Memory		E²Prom Data Memory	RAM Bytes	8-Bit ADC Channels	I/O Ports	Timers	MAX Speed MHz
	Bytes	Words						
PIC16CXXX – 4-12 Interrupts, 200ns Instruction Execution, 35 Instructions, 4MHz Internal Oscillator, 4/5 Oscillator Selections								
PIC1F83	896	512 × 14	64	36	-	13	1–8bit, 1-WDT	10
PIC16F84	1792	1024 × 14	64	68	-	13	1–8bit, 1-WDT	10
PIC16F872	3584	2048 × 14	64	128	5 (10 bit)	22	1–16bit, 2–8bit, 1-WDT	20
PIC16F873	7168	4096 × 14	128	192	5 (10 bit)	22	1–16bit, 2–8bit, 1-WDT	20
PIC16F874	7168	4096 × 14	128	192	8 (10 bit)	33	1–16bit, 2–8bit, 1-WDT	20
PIC16F876	14336	8192 × 14	256	368	5 (10 bit)	22	1–16bit, 2–8bit, 1-WDT	20
PIC16F877	14336	8192 × 14	256	368	8 (10 bit)	33	1–16bit, 2–8bit, 1-WDT	20
PIC16C923	7168	4096 × 14	-	176	-	52	1–16bit, 2–8bit, 1-WDT	8
PIC16C924	7168	4096 × 14	-	176	5	52	1–16bit, 2–8bit, 1-WDT	8
PIC17CXXX – 4-12 Interrupts, 200ns Instruction Execution, 35 Instructions, 4MHz Internal Oscillator, 4/5 Oscillator Selections								
PIC17C42A	4096	4096 × 14	-	192	8	33	1–16bit, 2–8bit, 1-WDT	20
PIC17C43	8192	8192 × 14	-	368	5	22	1–16bit, 2–8bit, 1-WDT	20
PIC17C44	16384	8192 × 14	-	368	8	33	1–16bit, 2–8bit, 1-WDT	20
PIC17C752	16384	2048 × 14	-	256	6 (12 bit)	16	1–16bit, 2–8bit, 1-WDT	20
PIC17C756	32768	4096 × 14	-	256	6 (12 bit)	16	1–16bit, 2–8bit, 1-WDT	20
PIC17C762	16384	4096 × 14	-	256	6 (12 bit)	22	1–16bit, 2–8bit, 1-WDT	20
PIC17C766	32768	4096 × 14	-	256	10 (12 bit)	33	1–16bit, 2–8bit, 1-WDT	20
PIC18CXXX – 10 MIPS, 77 Instructions, C-compiler Efficient Instruction Set, Table Operation, Switchable Oscillator Sources								
PIC18C242	16384	8192 × 16	-	512	5 (10 bit)	23	3–16bit, 2–8bit, 1-WDT	40
PIC18C442	16384	8192 × 16	-	512	8 (10 bit)	34	3–16bit, 2–8bit, 1-WDT	40
PIC18C252	32768	1634 × 16	-	1536	5 (10 bit)	23	3–16bit, 2–8bit, 1-WDT	40
PIC18C452	32768	1634 × 16	-	1536	8 (10 bit)	34	3–16bit, 2–8bit, 1-WDT	40