

Microcontroller Side-By-Side Comparison

	PIC18F6722 Microchip delete	PIC18F6723 Microchip delete
P.Memory (Kbytes)	128 Flash	128 Flash
P.Memory (Kwords)	64	64
Self-Write Flash	Yes	Yes
RAM (Bytes)	3.84375K	3.84375K
EEPROM (Bytes)	1024	1024
I/O Pins	54	54
Max CPU Speed	40 MHz (10 MIPS)	40 MHz (10 MIPS)
Internal OSC	8 MHz, 32 kHz	8 MHz, 32 kHz
CodeGuard Security		
System Mgmt Features	PBOR, PLVD, POR, WDT, nanoWatt-[Low Speed, Fast Wake, Pwr Modes]	PBOR, PLVD, POR, WDT, nanoWatt-[Low Speed, Fast Wake, Pwr Modes]
Analog Peripherals	2-Comparators; 1A/D, 12x10-bit @ 100ksps	2-Comparators; 1A/D, 12x12-bit @ 50ksps
Digital Comm. Peripherals	2-A/E/USART, 2-MSSP(SPI/I2C)	2-A/E/USART, 2-MSSP(SPI/I2C)
Connectivity	LIN	LIN
Capture/Compare PWM Peripherals	2-CCP, 3-ECCP, 10-bitPWM	2-CCP, 3-ECCP, 10-bitPWM
Digital Timers	2x8-bit, 3x16-bit	2x8-bit, 3x16-bit
Application Peripherals	PSP	PSP
Debug/Develop. Features	ICSP, ICDdebug - Yes	ICSP, ICDdebug - Yes
Package (Pins)	TQFP (64)	TQFP (64)
Operating Voltage	(2V-5.5V)	(2V-5.5V)
Temperature Ranges	(-40 to 125)	(-40 to 125)
Other Features	Ideal for large low power (nanoWatt) and connectivity applications that benefit from the availability of four serial ports: double synchronous serial ports	Ideal for large low power (nanoWatt) and connectivity applications that benefit from the availability of four serial ports: double synchronous serial ports