

Electronic Product Selector Guide (ePSG)

Microcontrollers and Digital Signal Controllers



Microchip PIC® Microcontrollers Product Selector - 10/19/2010

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-----|---------------------|-------------------|-------------------------|---------------------------|----------------------------------|---------------------|--|--------------|---|
| PIC10F200 | P | \$0.30 | FLASH | 8 | 0.375 | 0.02 | | 6 | 4 | 1 | | | | | LS, FW | POR WDT | 1 x 8-bit | | | | | 2V to 5.5V | 6/SOT-23 8/DFN 8/PDIP |
| PIC10F202 | P | \$0.33 | FLASH | 8 | 0.75 | 0.02 | | 6 | 4 | 1 | | | | | LS, FW | POR WDT | 1 x 8-bit | | | | | 2V to 5.5V | 6/SOT-23 8/DFN 8/PDIP |
| PIC10F204 | P | \$0.33 | FLASH | 8 | 0.375 | 0.02 | | 6 | 4 | 1 | 1 | | | | LS, FW | POR WDT | 1 x 8-bit | | mTouch Ch.: 1 | | Bandgap: INTERNAL | 2V to 5.5V | 6/SOT-23 8/DFN 8/PDIP |
| PIC10F206 | P | \$0.36 | FLASH | 8 | 0.75 | 0.02 | | 6 | 4 | 1 | 1 | | | | LS, FW | POR WDT | 1 x 8-bit | | mTouch Ch.: 1 | | Bandgap: INTERNAL | 2V to 5.5V | 6/SOT-23 8/DFN 8/PDIP |
| PIC10F220 | P | \$0.36 | FLASH | 8 | 0.375 | 0.02 | | 6 | 8 | 2 | | | | | LS, FW | POR WDT | 1 x 8-bit | | mTouch Ch.: 2 | | 1 A/D 2 x 8 - bit @75ksps Bandgap: INTERNAL | 2V to 5.5V | 6/SOT-23 8/DFN 8/PDIP |
| PIC10F222 | P | \$0.39 | FLASH | 8 | 0.75 | 0.02 | | 6 | 8 | 2 | | | | | LS, FW | POR WDT | 1 x 8-bit | | mTouch Ch.: 2 | | 1 A/D 2 x 8 - bit @75ksps Bandgap: INTERNAL | 2V to 5.5V | 6/SOT-23 8/DFN 8/PDIP |
| PIC12F1822 | P | \$0.73 | FLASH | 8 | 3.5 | 0.12 | 256 | 8 | 32 | 8 | 1 | | | | LS, FW, APM, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | MtrCntrl Ch.: 1 mTouch Ch.: 4 | 1 - ECCP | 1 A/D 4 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 8/DFN 8/PDIP 8/SOIC 150MIL |
| PIC12F1840 | F | | FLASH | 8 | 7 | 0.25 | 256 | 8 | 32 | 8 | 1 | | | | LS, FW, APM, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | MtrCntrl Ch.: 1 mTouch Ch.: 4 | 1 - ECCP | 1 A/D 4 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | |
| PIC12F508 | P | \$0.41 | FLASH | 8 | 0.75 | 0.02 | | 8 | 4 | 1 | | | | | LS, FW | POR WDT | 1 x 8-bit | | | | | 2V to 5.5V | 8/DFN 8/MSOP 8/PDIP 8/SOIC 150MIL |
| PIC12F509 | P | \$0.45 | FLASH | 8 | 1.5 | 0.04 | | 8 | 4 | 1 | | | | | LS, FW | POR WDT | 1 x 8-bit | | | | | 2V to 5.5V | 8/DFN 8/MSOP 8/PDIP 8/SOIC 150MIL 8/SOIC 208MIL |
| PIC12F510 | P | \$0.49 | FLASH | 8 | 1.5 | 0.04 | | 8 | 8 | 2 | 1 | | | | LS, FW | POR WDT | 1 x 8-bit | | mTouch Ch.: 3 | | 1 A/D 3 x 8 - bit @30ksps Bandgap: INTERNAL | 2V to 5.5V | 8/DFN 8/MSOP 8/PDIP 8/SOIC 150MIL |
| PIC12F519 | P | \$0.49 | FLASH | 8 | 1.5 | 0.04 | 64 | 8 | 8 | 2 | | | | | LS, FW | POR WDT | 1 x 8-bit | | | | | 2V to 5.5V | 8/DFN 8/MSOP 8/PDIP 8/SOIC 150MIL |
| PIC12F609 | P | \$0.52 | FLASH | 8 | 1.75 | 0.06 | | 8 | 20 | 5 | 1 | | | | LS, FW | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | | | Shunt Reg.: YES | 2V to 15V | 8/DFN 8/MSOP 8/PDIP 8/SOIC 150MIL |
| PIC12F615 | P | \$0.55 | FLASH | 8 | 1.75 | 0.06 | | 8 | 20 | 5 | 1 | | | | LS, FW | BOR POR WDT | 2 x 8-bit 1 x 16-bit | | MtrCntrl Ch.: 2 mTouch Ch.: 4 | 1 - ECCP | 1 A/D 4 x 10 - bit @30ksps Shunt Reg.: YES | 2V to 15V | 8/DFN 8/MSOP 8/PDIP 8/SOIC 150MIL |
| PIC12F617 | P | \$0.59 | FLASH | 8 | 3.5 | 0.12 | | 8 | 20 | 5 | 1 | | | | LS, FW | BOR POR WDT | 2 x 8-bit 1 x 16-bit | | MtrCntrl Ch.: 2 mTouch Ch.: 4 | 1 - ECCP | 1 A/D 4 x 10 - bit @30ksps Bandgap: INTERNAL | 2V to 5.5V | 8/DFN 8/MSOP 8/PDIP 8/SOIC 150MIL |

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|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-----|---------------------|--------------------|-------------------------|---------------------------|-----------------------------------|---------------------|--|--------------|---|
| PIC12F629 | P | \$0.70 | FLASH | 8 | 1.75 | 0.06 | 128 | 8 | 20 | 5 | 1 | | | | LS, FW | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | | | | 2V to 5.5V | 8/DFN 8/PDIP 8/SOIC 150MIL |
| PIC12F635 | P | \$0.84 | FLASH | 8 | 1.75 | 0.06 | 128 | 8 | 20 | 5 | 1 | | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | | | | 2V to 5.5V | 8/DFN 8/PDIP 8/SOIC 150MIL |
| PIC12F675 | P | \$0.77 | FLASH | 8 | 1.75 | 0.06 | 128 | 8 | 20 | 5 | 1 | | | | LS, FW | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | | | 1 A/D 4 x 10 - bit @30ksps | 2V to 5.5V | 8/DFN 8/PDIP 8/SOIC 150MIL |
| PIC12F683 | P | \$0.91 | FLASH | 8 | 3.5 | 0.12 | 256 | 8 | 20 | 5 | 1 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | | MtrCntrl Ch.: 1 mTouch Ch.: 3 | 1 - CCP | 1 A/D 4 x 10 - bit @30ksps | 2V to 5.5V | 8/DFN 8/PDIP 8/SOIC 150MIL 14/PDIP |
| PIC16F1516 | F | | FLASH | 8 | 14 | 0.5 | | 28 | 20 | 5 | | | | | LS, FW, APM | PBOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 17 | 2 - CCP | 1 A/D 17 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 5.5V | |
| PIC16F1517 | F | | FLASH | 8 | 14 | 0.5 | | 40 | 20 | 5 | | | | | LS, FW, APM | PBOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 28 | 2 - CCP | 1 A/D 28 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 5.5V | |
| PIC16F1518 | F | | FLASH | 8 | 28 | 1 | | 28 | 20 | 5 | | | | | LS, FW, APM | PBOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 17 | 2 - CCP | 1 A/D 17 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 5.5V | |
| PIC16F1519 | F | | FLASH | 8 | 28 | 1 | | 40 | 20 | 5 | | | | | LS, FW, APM | PBOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 28 | 2 - CCP | 1 A/D 28 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 5.5V | |
| PIC16F1526 | F | | FLASH | 8 | 14 | 0.75 | | 64 | 20 | 5 | | | | | LS, FW, APM | PBOR POR WDT | 6 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 30 | 10 - CCP | 1 A/D 30 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 5.5V | |
| PIC16F1527 | F | | FLASH | 8 | 28 | 1.5 | | 64 | 20 | 5 | | | | | LS, FW, APM | PBOR POR WDT | 6 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 30 | 10 - CCP | 1 A/D 30 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 5.5V | |
| PIC16F1823 | P | \$0.78 | FLASH | 8 | 3.5 | 0.12 | 256 | 14 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | MtrCntrl Ch.: 1 mTouch Ch.: 8 | 1 - ECCP | 1 A/D 8 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F1824 | P | \$0.84 | FLASH | 8 | 7 | 0.25 | 256 | 14 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | BOR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | MtrCntrl Ch.: 4 mTouch Ch.: 8 | 2 - CCP 2 - ECCP | 1 A/D 8 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F1825 | F | | FLASH | 8 | 14 | 1 | 256 | 14 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | BOR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | MtrCntrl Ch.: 4 mTouch Ch.: 12 | 2 - CCP 2 - ECCP | 1 A/D 8 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | |
| PIC16F1826 | P | \$0.92 | FLASH | 8 | 3.5 | 0.25 | 256 | 18 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | MtrCntrl Ch.: 1 mTouch Ch.: 12 | 1 - ECCP | 1 A/D 12 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN 28/UQFN |

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|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-----|------------------|--------------------|-------------------------|---------------------------|-------------------------------------|---------------------|---|--------------|--|
| PIC16F1827 | P | \$1.04 | FLASH | 8 | 7 | 0.38 | 256 | 18 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | BOR POR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 2 - MSSP | MtrCntrl Ch.: 4 mTouch Ch.: 12 | 2 - CCP 2 - ECCP | 1 A/D 12 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN 28/UQFN |
| PIC16F1828 | F | \$0.99 | FLASH | 8 | 7 | 0.25 | 256 | 20 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | BOR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | MtrCntrl Ch.: 4 mTouch Ch.: 12 | 2 - CCP 2 - ECCP | 1 A/D 12 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC16F1829 | F | | FLASH | 8 | 14 | 1 | 256 | 20 | 32 | 8 | 2 | | | | FW, APM, XLP | BOR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 2 - MSSP | MtrCntrl Ch.: 4 mTouch Ch.: 12 | 2 - CCP 2 - ECCP | 1 A/D 12 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | |
| PIC16F1847 | F | | FLASH | 8 | 14 | 1 | 256 | 18 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | BOR POR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 2 - MSSP | MtrCntrl Ch.: 4 mTouch Ch.: 12 | 2 - CCP 2 - ECCP | 1 A/D 12 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | |
| PIC16F1933 | P | \$1.23 | FLASH | 8 | 7 | 0.25 | 256 | 28 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | LCD Segments: 60 mTouch Ch.: 8 | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |
| PIC16F1934 | P | \$1.47 | FLASH | 8 | 7 | 0.25 | 256 | 40 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | LCD Segments: 96 mTouch Ch.: 16 | 2 - CCP 3 - ECCP | 1 A/D 14 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F1936 | P | \$1.30 | FLASH | 8 | 14 | 0.5 | 256 | 28 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | LCD Segments: 60 mTouch Ch.: 8 | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |
| PIC16F1937 | P | \$1.54 | FLASH | 8 | 14 | 0.5 | 256 | 40 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | LCD Segments: 96 mTouch Ch.: 16 | 2 - CCP 3 - ECCP | 1 A/D 14 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F1938 | F | \$1.37 | FLASH | 8 | 28 | 1 | 256 | 28 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | LCD Segments: 60 mTouch Ch.: 8 | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |
| PIC16F1939 | P | \$1.61 | FLASH | 8 | 28 | 1 | 256 | 40 | 32 | 8 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 4 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | LCD Segments: 96 mTouch Ch.: 16 | 2 - CCP 3 - ECCP | 1 A/D 14 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F1946 | P | \$1.75 | FLASH | 8 | 14 | 0.5 | 256 | 64 | 32 | 8 | 3 | | | | LS, FW, APM, XLP | PBOR POR WDT | 4 x 8-bit 1 x 16-bit | 2 - A/E/USART 2 - MSSP | LCD Segments: 184 mTouch Ch.: 17 | 2 - CCP 3 - ECCP | 1 A/D 17 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 64/QFN 64/TQFP |
| PIC16F1947 | P | \$1.82 | FLASH | 8 | 28 | 1 | 256 | 64 | 32 | 8 | 3 | | | | LS, FW, APM, XLP | PBOR POR WDT | 4 x 8-bit 1 x 16-bit | 2 - A/E/USART 2 - MSSP | LCD Segments: 184 mTouch Ch.: 17 | 2 - CCP 3 - ECCP | 1 A/D 17 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 64/QFN 64/TQFP |

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|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-----|-------------|-------------------|-------------------------|-----------------------|---------------------------------|---------------------|---|------------|--|
| PIC16F505 | P | \$0.48 | FLASH | 8 | 1.5 | 0.07 | | 14 | 20 | 5 | | | | | LS, FW | POR WDT | 1 x 8-bit | | | | | 2V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F506 | P | \$0.52 | FLASH | 8 | 1.5 | 0.07 | | 14 | 20 | 5 | 2 | | | | LS, FW | POR WDT | 1 x 8-bit | | | | 1 A/D 3 x 8 - bit @30ksps Bandgap: INTERNAL | 2V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F526 | P | \$0.55 | FLASH | 8 | 1.5 | 0.07 | 64 | 14 | 20 | 5 | 2 | | | | LS, FW | POR WDT | 1 x 8-bit | | | | 1 A/D 3 x 8 - bit @30ksps Bandgap: INTERNAL | 2V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F54 | P | \$0.39 | FLASH | 8 | 0.75 | 0.02 | | 18 | 20 | 5 | | | | | LS | POR WDT | 1 x 8-bit | | | | | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL |
| PIC16F57 | P | \$0.52 | FLASH | 8 | 3 | 0.07 | | 28 | 20 | 5 | | | | | LS | POR WDT | 1 x 8-bit | | | | | 2V to 5.5V | 28/PDIP 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F59 | P | \$0.85 | FLASH | 8 | 3 | 0.13 | | 40 | 20 | 5 | | | | | LS | POR WDT | 1 x 8-bit | | | | | 2V to 5.5V | 40/PDIP 600MIL 44/TQFP |
| PIC16F610 | P | \$0.59 | FLASH | 8 | 1.75 | 0.06 | | 14 | 20 | 5 | 2 | | | | LS, FW | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | mTouch Ch.: 4 | | Shunt Reg.: YES | 2V to 15V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F616 | P | \$0.69 | FLASH | 8 | 3.5 | 0.12 | | 14 | 20 | 5 | 2 | | | | LS, FW | BOR POR WDT | 2 x 8-bit 1 x 16-bit | | MtrCntl Ch.: 4 mTouch Ch.: 4 | 1 - ECCP | 1 A/D 8 x 10 - bit @30ksps Shunt Reg.: YES | 2V to 15V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN 28/SPDIP 80/LQFP |
| PIC16F627A | P | \$1.30 | FLASH | 8 | 1.75 | 0.22 | 128 | 18 | 20 | 5 | 2 | | | | LS, FW | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART | | 1 - CCP | | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC16F628A | P | \$1.47 | FLASH | 8 | 3.5 | 0.22 | 128 | 18 | 20 | 5 | 2 | | | | LS, FW | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART | | 1 - CCP | | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC16F630 | P | \$0.91 | FLASH | 8 | 1.75 | 0.06 | 128 | 14 | 20 | 5 | 1 | | | | LS, FW | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | | | | 2V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F631 | P | \$0.91 | FLASH | 8 | 1.75 | 0.06 | 128 | 20 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | mTouch Ch.: 4 | | SRLatch: YES | 2V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC16F636 | P | \$0.92 | FLASH | 8 | 3.5 | 0.12 | 256 | 14 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | | | | 2V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN 20/PDIP 80/LQFP |

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|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-----|-------------|-------------------|-------------------------|--------------------------|-------------------------|---------------------|--|--------------|---|
| PIC16F639 | P | \$2.27 | FLASH | 8 | 3.5 | 0.12 | 256 | 20 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | | | | 2V to 5.5V | 20/SSOP 208MIL |
| PIC16F648A | P | \$1.67 | FLASH | 8 | 7 | 0.25 | 256 | 18 | 20 | 5 | 2 | | | | LS, FW | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART | | 1 - CCP | | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC16F676 | P | \$0.98 | FLASH | 8 | 1.75 | 0.06 | 128 | 14 | 20 | 5 | 1 | | | | LS, FW | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | | | 1 A/D 8 x 10 - bit @30ksps | 2V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F677 | P | \$0.99 | FLASH | 8 | 3.5 | 0.12 | 256 | 20 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 1 x 16-bit | 1 - SSP | mTouch Ch.: 4 | | 1 A/D 12 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC16F684 | P | \$0.98 | FLASH | 8 | 3.5 | 0.12 | 256 | 14 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | | MtrCntrl Ch.: 4 | 1 - ECCP | 1 A/D 8 x 10 - bit @30ksps | 2V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F685 | P | \$1.13 | FLASH | 8 | 7 | 0.25 | 256 | 20 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | | mTouch Ch.: 4 | 1 - ECCP | 1 A/D 12 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC16F687 | P | \$1.07 | FLASH | 8 | 3.5 | 0.12 | 256 | 20 | 20 | 5 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 4 | | 1 A/D 12 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC16F688 | P | \$1.04 | FLASH | 8 | 7 | 0.25 | 256 | 14 | 20 | 5 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 1 x 16-bit | 1 - A/E/USART | | | 1 A/D 8 x 10 - bit @30ksps | 2V to 5.5V | 14/PDIP 14/SOIC 150MIL 14/TSSOP 16/QFN |
| PIC16F689 | P | \$1.13 | FLASH | 8 | 7 | 0.25 | 256 | 20 | 20 | 5 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 4 | | 1 A/D 12 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC16F690 | P | \$1.20 | FLASH | 8 | 7 | 0.25 | 256 | 20 | 20 | 5 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 4 | 1 - ECCP | 1 A/D 12 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC16F716 | P | \$0.77 | FLASH | 8 | 3.5 | 0.12 | | 18 | 20 | 5 | | | | | LS | BOR POR WDT | 2 x 8-bit 1 x 16-bit | | | 1 - ECCP | 1 A/D 4 x 8 - bit @30ksps | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC16F72 | P | \$1.91 | FLASH | 8 | 3.5 | 0.12 | | 28 | 20 | 5 | | | | | LS | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - SSP | | 1 - CCP | 1 A/D 5 x 8 - bit @30ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F720 | F | | FLASH | 8 | 3.5 | 0.12 | | 20 | 16 | 4 | | | | | LS, FW, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | | 1 - CCP | 1 A/D 12 x 8 - bit @30ksps Bandgap: INTERNAL | 1.8V to 5.5V | |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-----|-------------|--------------------------|-------------------------|---------------------------|-------------------------|---------------------|--|--------------|--|
| PIC16F721 | F | | FLASH | 8 | 7 | 0.25 | | 20 | 16 | 4 | | | | | LS, FW, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | | 1 - CCP | 1 A/D 12 x 8 - bit @30ksps Bandgap: INTERNAL | 1.8V to 5.5V | |
| PIC16F722 | P | \$0.95 | FLASH | 8 | 3.5 | 0.12 | | 28 | 20 | 5 | | | | | LS, FW, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 8 | 2 - CCP | 1 A/D 11 x 8 - bit @30ksps Bandgap: INTERNAL | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |
| PIC16F722A | P | \$0.78 | FLASH | 8 | 3.5 | 0.12 | | 28 | 20 | 5 | | | | | LS, FW, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 8 | 2 - CCP | 1 A/D 11 x 8 - bit @30ksps Bandgap: INTERNAL | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |
| PIC16F723 | P | \$1.09 | FLASH | 8 | 7 | 0.19 | | 28 | 20 | 5 | | | | | LS, FW, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 8 | 2 - CCP | 1 A/D 11 x 8 - bit @30ksps Bandgap: INTERNAL | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |
| PIC16F723A | P | \$0.85 | FLASH | 8 | 7 | 0.19 | | 28 | 20 | 5 | | | | | LS, FW, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 8 | 2 - CCP | 1 A/D 11 x 8 - bit @30ksps Bandgap: INTERNAL | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |
| PIC16F724 | P | \$1.40 | FLASH | 8 | 7 | 0.19 | | 40 | 20 | 5 | | | | | LS, FW, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 16 | 2 - CCP | 1 A/D 14 x 8 - bit @30ksps Bandgap: INTERNAL | 1.8V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F726 | P | \$1.23 | FLASH | 8 | 14 | 0.36 | | 28 | 20 | 5 | | | | | LS, FW, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 8 | 2 - CCP | 1 A/D 11 x 8 - bit @30ksps Bandgap: INTERNAL | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |
| PIC16F727 | P | \$1.54 | FLASH | 8 | 14 | 0.36 | | 40 | 20 | 5 | | | | | LS, FW, XLP | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | mTouch Ch.: 16 | 2 - CCP | 1 A/D 14 x 8 - bit @30ksps Bandgap: INTERNAL | 1.8V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F73 | P | \$2.97 | FLASH | 8 | 7 | 0.19 | | 28 | 20 | 5 | | | | | LS | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | | 2 - CCP | 1 A/D 5 x 8 - bit @30ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F737 | P | \$3.13 | FLASH | 8 | 7 | 0.36 | | 28 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | | 3 - CCP | 1 A/D 11 x 10 - bit @30ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F74 | P | \$3.61 | FLASH | 8 | 7 | 0.19 | | 40 | 20 | 5 | | | | | LS | PSP BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | | 2 - CCP | 1 A/D 8 x 8 - bit @30ksps | 2V to 5.5V | 40/PDIP 44/PLCC 44/QFN 44/TQFP |
| PIC16F747 | P | \$3.61 | FLASH | 8 | 7 | 0.36 | | 40 | 20 | 5 | 2 | | | | LS, FW, APM | PSP BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | | 3 - CCP | 1 A/D 14 x 10 - bit @30ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-----|-------------|--------------------------|-------------------------|---------------------------|-------------------------|-------------------------|---|------------|---|
| PIC16F76 | P | \$3.73 | FLASH | 8 | 14 | 0.36 | | 28 | 20 | 5 | | | | | LS | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | | 2 - CCP | 1 A/D 5 x 8 - bit @30ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F767 | P | \$3.64 | FLASH | 8 | 14 | 0.36 | | 28 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | | 3 - CCP | 1 A/D 11 x 10 - bit @30ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F77 | P | \$4.12 | FLASH | 8 | 14 | 0.36 | | 40 | 20 | 5 | | | | | LS | PSP BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | | 2 - CCP | 1 A/D 8 x 8 - bit @30ksps | 2V to 5.5V | 40/PDIP 44/PLCC 44/QFN 44/TQFP |
| PIC16F777 | P | \$4.00 | FLASH | 8 | 14 | 0.36 | | 40 | 20 | 5 | 2 | | | | LS, FW, APM | PSP BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | | 3 - CCP | 1 A/D 14 x 10 - bit @30ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F785 | P | \$1.12 | FLASH | 8 | 3.5 | 0.12 | 256 | 20 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | | | 1 - CCP 1 - Std. PWM | 1 A/D 12 x 10 - bit @30ksps Shunt Reg.: YES | 2V to 15V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL 80/LQFP |
| PIC16F818 | P | \$1.56 | FLASH | 8 | 1.75 | 0.12 | 128 | 18 | 20 | 5 | | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - SSP | | 1 - CCP | 1 A/D 5 x 10 - bit @30ksps | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC16F819 | P | \$1.78 | FLASH | 8 | 3.5 | 0.25 | 256 | 18 | 20 | 5 | | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - SSP | | 1 - CCP | 1 A/D 5 x 10 - bit @30ksps | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC16F84A | P | \$3.11 | FLASH | 8 | 1.75 | 0.07 | 64 | 18 | 20 | 5 | | | | | | BOR POR WDT | 1 x 8-bit | | | | | 2V to 6V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL |
| PIC16F87 | P | \$2.06 | FLASH | 8 | 7 | 0.36 | 256 | 18 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | | 1 - CCP | | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC16F88 | P | \$2.20 | FLASH | 8 | 7 | 0.36 | 256 | 18 | 20 | 5 | 2 | | | | LS, FW, APM | POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | | 1 - CCP | 1 A/D 7 x 10 - bit @30ksps | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC16F882 | P | \$1.16 | FLASH | 8 | 3.5 | 0.12 | 128 | 28 | 20 | 5 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 11 | 1 - CCP 1 - ECCP | 1 A/D 11 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F883 | P | \$1.37 | FLASH | 8 | 7 | 0.25 | 256 | 28 | 20 | 5 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 11 | 1 - CCP 1 - ECCP | 1 A/D 11 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-----|---------------------|-------------------|-------------------------|---------------------------|-------------------------|---------------------|---|--------------|---|
| PIC16F884 | P | \$1.63 | FLASH | 8 | 7 | 0.25 | 256 | 40 | 20 | 5 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 11 | 1 - CCP 1 - ECCP | 1 A/D 14 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F886 | P | \$1.49 | FLASH | 8 | 14 | 0.36 | 256 | 28 | 20 | 5 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 11 | 1 - CCP 1 - ECCP | 1 A/D 11 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F887 | P | \$1.78 | FLASH | 8 | 14 | 0.36 | 256 | 40 | 20 | 5 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 11 | 1 - CCP 1 - ECCP | 1 A/D 14 x 10 - bit @30ksps SRLatch: YES | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F913 | P | \$1.72 | FLASH | 8 | 7 | 0.25 | 256 | 28 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | LCD Segments: 60 | 1 - CCP | 1 A/D 5 x 10 - bit @30ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F914 | P | \$2.03 | FLASH | 8 | 7 | 0.25 | 256 | 40 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | LCD Segments: 96 | 2 - CCP | 1 A/D 8 x 10 - bit @30ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F916 | P | \$1.93 | FLASH | 8 | 14 | 0.34 | 256 | 28 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | LCD Segments: 60 | 1 - CCP | 1 A/D 5 x 10 - bit @30ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC16F917 | P | \$2.17 | FLASH | 8 | 14 | 0.34 | 256 | 40 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | LCD Segments: 96 | 2 - CCP | 1 A/D 8 x 10 - bit @30ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC16F946 | P | \$2.31 | FLASH | 8 | 14 | 0.33 | 256 | 64 | 20 | 5 | 2 | | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 1 x 16-bit | 1 - A/E/USART 1 - SSP | LCD Segments: 168 | 2 - CCP | 1 A/D 8 x 10 - bit @30ksps | 2V to 5.5V | 64/TQFP |
| PIC16HV540 | P | \$1.27 | OTP | 8 | 1.5 | 0.02 | | 18 | 20 | 5 | | | | | | BOR POR WDT | 1 x 8-bit | | | | | 3.5V to 15V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL |
| PIC16LF1902 | F | | FLASH | 8 | 3.5 | 0.12 | | 28 | 20 | 5 | | | | | LS, FW, APM, XLP | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | LCD Segments: 72 | | 1 A/D 11 x 10 - bit @100ksps | 1.8V to 3.6V | |
| PIC16LF1903 | F | | FLASH | 8 | 7 | 0.25 | | 25 | 20 | 5 | | | | | LS, FW, APM, XLP | BOR POR WDT | 1 x 8-bit 1 x 16-bit | | LCD Segments: 72 | | 1 A/D 11 x 10 - bit @100ksps SRLatch: YES | 1.8V to 3.6V | |
| PIC16LF1904 | F | | FLASH | 8 | 7 | 0.25 | | 40 | 20 | 5 | | | | | LS, FW, APM, XLP | BOR POR WDT | 1 x 8-bit 1 x 16-bit | 1 - A/E/USART | LCD Segments: 116 | | 1 A/D 14 x 10 - bit @100ksps | 1.8V to 3.6V | |
| PIC16LF1906 | F | | FLASH | 8 | 14 | 0.5 | | 28 | 20 | 5 | | | | | LS, FW, APM, XLP | BOR POR WDT | 1 x 8-bit 1 x 16-bit | 1 - A/E/USART | LCD Segments: 72 | | 1 A/D 11 x 10 - bit @100ksps | 1.8V to 3.6V | |
| PIC16LF1907 | F | | FLASH | 8 | 14 | 0.5 | | 40 | 20 | 5 | | | | | LS, FW, APM, XLP | BOR POR WDT | 1 x 8-bit 1 x 16-bit | 1 - A/E/USART | LCD Segments: 116 | | 1 A/D 14 x 10 - bit @100ksps | 1.8V to 3.6V | |
| PIC18F1220 | P | \$1.96 | FLASH | 8 | 4 | 0.25 | 256 | 18 | 40 | 10 | | ✓ | | | LS, APM | WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART | | 1 - ECCP | 1 A/D 7 x 10 - bit @30ksps | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|-----|---------------------|--------------------|-------------------------|---------------------------|---------------------------|---------------------|--|--------------|--|
| PIC18F1230 | P | \$2.03 | FLASH | 8 | 4 | 0.25 | 128 | 18 | 40 | 10 | 3 | ✓ | | | LS, FW, APM | WDT | 2 x 16-bit | 1 - A/E/USART | MtrCntrl Ch.: 6 | | 1 A/D 4 x 10 - bit @100ksps | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC18F1320 | P | \$2.17 | FLASH | 8 | 8 | 0.25 | 256 | 18 | 40 | 10 | | ✓ | | | LS, APM | WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART | | 1 - ECCP | 1 A/D 7 x 10 - bit @30ksps | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC18F1330 | P | \$2.24 | FLASH | 8 | 8 | 0.25 | 128 | 18 | 40 | 10 | 3 | ✓ | | | LS, FW, APM | BOR WDT | 2 x 16-bit | 1 - A/E/USART | MtrCntrl Ch.: 6 | | 1 A/D 4 x 10 - bit @100ksps | 2V to 5.5V | 18/PDIP 18/SOIC 300MIL 20/SSOP 208MIL 28/QFN |
| PIC18F13K22 | P | \$1.33 | FLASH | 8 | 8 | 0.25 | 256 | 20 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 4 | 1 - ECCP | 1 A/D 12 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC18F13K50 | P | \$1.32 | FLASH | 8 | 8 | 0.5 | 256 | 20 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 9 | 1 - ECCP | 1 A/D 9 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC18F14K22 | P | \$1.47 | FLASH | 8 | 16 | 0.5 | 256 | 20 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 12 | 1 - ECCP | 1 A/D 12 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC18F14K50 | P | \$1.53 | FLASH | 8 | 16 | 0.75 | 256 | 20 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 9 | 1 - ECCP | 1 A/D 9 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC18F2220 | P | \$4.05 | FLASH | 8 | 4 | 0.5 | 256 | 28 | 40 | 10 | 2 | | | | LS, APM | BOR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @30ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F2221 | P | \$1.93 | FLASH | 8 | 4 | 0.5 | 256 | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F2320 | P | \$4.38 | FLASH | 8 | 8 | 0.5 | 256 | 28 | 40 | 10 | 2 | | | | LS, APM | BOR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @30ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F2321 | P | \$2.06 | FLASH | 8 | 8 | 0.5 | 256 | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F2331 | P | \$3.08 | FLASH | 8 | 8 | 0.75 | 256 | 28 | 40 | 10 | | ✓ | | | LS, APM | PBOR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - SSP | MtrCntrl Ch.: 6 QE1: 1 | 2 - CCP | 1 A/D 5 x 10 - bit @200ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F23K20 | P | \$1.23 | FLASH | 8 | 8 | 0.5 | 256 | 28 | 64 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 10 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|--------|------------------|---------------------------|-------------------------|---------------------------------------|---------------------------|---------------------|--|--------------|--|
| PIC18F23K22 | P | \$1.34 | FLASH | 8 | 8 | 0.5 | 256 | 28 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 17 | 1 - CCP 1 - ECCP | 1 A/D 17 x 10 - bit @ SRLatch: YES | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |
| PIC18F2410 | P | \$2.52 | FLASH | 8 | 16 | 0.75 | | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/PDIP 300MIL 28/SPDIP 28/SOIC 300MIL |
| PIC18F2420 | P | \$2.73 | FLASH | 8 | 16 | 0.75 | 256 | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F2423 | P | \$3.02 | FLASH | 8 | 16 | 0.75 | 256 | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 12 - bit @80ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F2431 | P | \$3.22 | FLASH | 8 | 16 | 0.75 | 256 | 28 | 40 | 10 | | ✓ | | | LS, APM | PBOR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - SSP | MtrCntrl Ch.: 6 QEI: 1 | 2 - CCP | 1 A/D 5 x 10 - bit @200ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F2450 | P | \$2.23 | FLASH | 8 | 16 | 0.75 | | 28 | 48 | 12 | | | 1-FULL SPEED | | LS, APM | PBOR POR WDT | 1 x 8-bit 2 x 16-bit | 1 - A/E/USART | | 1 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F2455 | P | \$3.30 | FLASH | 8 | 24 | 2 | 256 | 28 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F2458 | P | \$3.58 | FLASH | 8 | 24 | 2 | 256 | 28 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 12 - bit @50ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F2480 | P | \$3.72 | FLASH | 8 | 16 | 0.75 | 256 | 28 | 40 | 10 | | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F24J10 | P | \$1.20 | FLASH | 8 | 16 | 1 | | 28 | 40 | 10 | 2 | ✓ | | | APM | BOR POR WDT | 1 x 8-bit 2 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F24J11 | P | \$1.65 | FLASH | 8 | 16 | 3.71 | | 28 | 48 | 12 | 2 | | | | LS, FW, APM, XLP | RTCC BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 10 | 2 - ECCP | 1 A/D 10 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F24J50 | P | \$1.86 | FLASH | 8 | 16 | 3.71 | | 28 | 48 | 12 | 2 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC BOR POR | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 10 | 2 - ECCP | 1 A/D 10 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F24K20 | P | \$1.30 | FLASH | 8 | 16 | 0.75 | 256 | 28 | 64 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 10 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F24K22 | P | \$1.48 | FLASH | 8 | 16 | 0.75 | 256 | 28 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 17 | 1 - CCP 1 - ECCP | 1 A/D 17 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL 28/UQFN |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|--------|---------------------|---------------------------|-------------------------|---------------------------------------|-------------------------|---------------------|--|--------------|---|
| PIC18F2510 | P | \$2.97 | FLASH | 8 | 32 | 1.5 | | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F2515 | P | \$3.40 | FLASH | 8 | 48 | 3.88 | | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/PDIP 300MIL 28/SOIC 300MIL 28/SPDIP |
| PIC18F2520 | P | \$3.18 | FLASH | 8 | 32 | 1.5 | 256 | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F2523 | P | \$3.46 | FLASH | 8 | 32 | 1.5 | 256 | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 12 - bit @50ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F2525 | P | \$3.61 | FLASH | 8 | 48 | 3.88 | 1024 | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/PDIP 300MIL 28/SOIC 300MIL |
| PIC18F2550 | P | \$3.44 | FLASH | 8 | 32 | 2 | 256 | 28 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F2553 | P | \$4.12 | FLASH | 8 | 32 | 2 | 256 | 28 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 12 - bit @50ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F2580 | P | \$4.17 | FLASH | 8 | 32 | 1.5 | 256 | 28 | 40 | 10 | | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC18F2585 | P | \$4.77 | FLASH | 8 | 48 | 3.25 | 1024 | 28 | 40 | 10 | | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F25J10 | P | \$1.27 | FLASH | 8 | 32 | 1 | | 28 | 40 | 10 | 2 | ✓ | | | APM | BOR POR WDT | 1 x 8-bit 2 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F25J11 | P | \$1.79 | FLASH | 8 | 32 | 3.71 | | 28 | 48 | 12 | 2 | | | | LS, FW, APM, XLP | RTCC BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 10 | 2 - ECCP | 1 A/D 10 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F25J50 | P | \$2.00 | FLASH | 8 | 32 | 3.71 | | 28 | 48 | 12 | 2 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC BOR POR | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 10 | 2 - ECCP | 1 A/D 10 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F25K20 | P | \$1.37 | FLASH | 8 | 32 | 1.5 | 256 | 28 | 64 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 10 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F25K22 | P | \$1.62 | FLASH | 8 | 32 | 1.5 | 256 | 28 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 3 x 8-bit 4 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 17 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F25K80 | F | | FLASH | 8 | 32 | 3.56 | 1024 | 28 | 64 | 16 | 2 | | | 1-ECAN | LS, FW, APM, XLP | PBOR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | mTouch Ch.: 8 | 4 - CCP 1 - ECCP | 1 A/D 8 x 12 - bit @100ksps CTMU: YES | 1.8V to 5.5V | |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|--------|---------------------|---------------------------|-------------------------|---------------------------------------|-------------------------|---------------------|--|--------------|---|
| PIC18F2610 | P | \$3.85 | FLASH | 8 | 64 | 3.88 | | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/PDIP 300MIL 28/SOIC 300MIL |
| PIC18F2620 | P | \$4.06 | FLASH | 8 | 64 | 3.88 | 1024 | 28 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 10 x 10 - bit @100ksps | 2V to 5.5V | 28/PDIP 300MIL 28/SOIC 300MIL |
| PIC18F2680 | P | \$5.05 | FLASH | 8 | 64 | 3.25 | 1024 | 28 | 40 | 10 | | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F2682 | P | \$5.50 | FLASH | 8 | 80 | 3.25 | 1024 | 28 | 40 | 10 | | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F2685 | P | \$5.87 | FLASH | 8 | 96 | 3.25 | 1024 | 28 | 40 | 10 | | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 5.5V | 28/SOIC 300MIL 28/SPDIP |
| PIC18F26J11 | P | \$2.07 | FLASH | 8 | 64 | 3.71 | | 28 | 48 | 12 | 2 | | | | LS, FW, APM, XLP | RTCC BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 10 | 2 - ECCP | 1 A/D 10 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F26J13 | P | \$2.21 | FLASH | 8 | 64 | 3.71 | | 28 | 48 | 12 | 3 | | | | LS, FW, APM, XLP | RTCC BOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 10 | 7 - CCP 3 - ECCP | 1 A/D 10 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F26J50 | P | \$2.28 | FLASH | 8 | 64 | 3.71 | | 28 | 48 | 12 | 2 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC BOR POR | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 10 | 2 - ECCP | 1 A/D 10 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F26J53 | P | \$2.42 | FLASH | 8 | 64 | 3.71 | | 28 | 48 | 12 | 3 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC BOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 10 | 7 - CCP 3 - ECCP | 1 A/D 13 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F26K20 | P | \$1.65 | FLASH | 8 | 64 | 3.84 | 1024 | 28 | 64 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 10 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F26K22 | F | \$1.90 | FLASH | 8 | 64 | 3.8 | 1024 | 28 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 3 x 8-bit 4 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 17 | 2 - CCP 3 - ECCP | 1 A/D 17 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F26K80 | F | | FLASH | 8 | 64 | 3.56 | 1024 | 28 | 64 | 16 | 2 | | | 1-ECAN | LS, FW, APM, XLP | PBOR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | mTouch Ch.: 8 | 4 - CCP 1 - ECCP | 1 A/D 8 x 12 - bit @100ksps CTMU: YES | 1.8V to 5.5V | |
| PIC18F27J13 | P | \$2.45 | FLASH | 8 | 128 | 3.71 | | 28 | 48 | 12 | 3 | | | | LS, FW, APM, XLP | RTCC BOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 10 | 7 - CCP 3 - ECCP | 1 A/D 10 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC18F27J53 | P | \$2.66 | FLASH | 8 | 128 | 3.71 | | 28 | 48 | 12 | 3 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC BOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 10 | 7 - CCP 3 - ECCP | 1 A/D 10 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|--------|---------------------|---------------------------|-------------------------|---------------------------|---------------------------|---------------------|--|--------------|---|
| PIC18F4220 | P | \$4.46 | FLASH | 8 | 4 | 0.5 | 256 | 40 | 40 | 10 | 2 | | | | LS, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @30ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4221 | P | \$2.17 | FLASH | 8 | 4 | 0.5 | 256 | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4320 | P | \$4.81 | FLASH | 8 | 8 | 0.5 | 256 | 40 | 40 | 10 | 2 | | | | LS, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @30ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4321 | P | \$2.30 | FLASH | 8 | 8 | 0.5 | 256 | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4331 | P | \$3.46 | FLASH | 8 | 8 | 0.75 | 256 | 40 | 40 | 10 | | ✓ | | | LS, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - SSP | MtrCntrl Ch.: 8 QEI: 1 | 2 - CCP | 1 A/D 9 x 10 - bit @200ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F43K20 | P | \$1.47 | FLASH | 8 | 8 | 0.5 | 256 | 40 | 64 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 14 | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 3.6V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F43K22 | P | \$1.67 | FLASH | 8 | 8 | 0.5 | 256 | 40 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 28 | 1 - CCP 1 - ECCP | 1 A/D 28 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 40/PDIP 40/UQFN 44/QFN 44/TQFP |
| PIC18F4410 | P | \$2.73 | FLASH | 8 | 16 | 0.75 | | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 600MIL 44/QFN 44/TQFP |
| PIC18F4420 | P | \$2.94 | FLASH | 8 | 16 | 0.75 | 256 | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4423 | P | \$3.23 | FLASH | 8 | 16 | 0.75 | 256 | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 12 - bit @50ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4431 | P | \$3.61 | FLASH | 8 | 16 | 0.75 | 256 | 40 | 40 | 10 | | ✓ | | | LS, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - SSP | MtrCntrl Ch.: 8 QEI: 1 | 2 - CCP | 1 A/D 9 x 10 - bit @200ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4450 | P | \$2.39 | FLASH | 8 | 16 | 0.75 | | 40 | 48 | 12 | | | 1-FULL SPEED | | LS, APM | PBOR POR WDT | 1 x 8-bit 2 x 16-bit | 1 - A/E/USART | | 1 - CCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4455 | P | \$3.51 | FLASH | 8 | 24 | 2 | 256 | 40 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4458 | P | \$3.79 | FLASH | 8 | 24 | 2 | 256 | 40 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 12 - bit @50ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4480 | P | \$3.93 | FLASH | 8 | 16 | 0.75 | 256 | 40 | 40 | 10 | 2 | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|--------|---------------------|----------------------------------|-------------------------|---------------------------------------|-------------------------|---------------------|--|--------------|--|
| PIC18F44J10 | P | \$1.44 | FLASH | 8 | 16 | 1 | | 40 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 1 x 8-bit 2 x 16-bit | 1 - A/E/USART 2 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 3.6V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F44J11 | P | \$1.95 | FLASH | 8 | 16 | 3.71 | | 44 | 48 | 12 | 2 | | | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 2 - ECCP | 1 A/D 13 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC18F44J50 | P | \$2.16 | FLASH | 8 | 16 | 3.71 | | 44 | 48 | 12 | 2 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC PMP BOR POR | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 2 - ECCP | 1 A/D 13 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC18F44K20 | P | \$1.54 | FLASH | 8 | 16 | 0.75 | 256 | 40 | 64 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 14 | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 3.6V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F44K22 | P | \$1.66 | FLASH | 8 | 16 | 0.75 | 256 | 40 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 28 | 1 - CCP 1 - ECCP | 1 A/D 28 x 10 - bit @ SRLatch: YES | 1.8V to 5.5V | 40/PDIP 40/QFN 44/QFN 44/TQFP |
| PIC18F4510 | P | \$3.18 | FLASH | 8 | 32 | 1.5 | | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4515 | P | \$3.61 | FLASH | 8 | 48 | 3.88 | | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 600MIL 44/QFN 44/TQFP |
| PIC18F4520 | P | \$3.39 | FLASH | 8 | 32 | 1.5 | 256 | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4523 | P | \$3.67 | FLASH | 8 | 32 | 1.5 | 256 | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 12 - bit @50ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4525 | P | \$3.82 | FLASH | 8 | 48 | 3.88 | 1024 | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 600MIL 44/QFN 44/TQFP |
| PIC18F4550 | P | \$3.65 | FLASH | 8 | 32 | 2 | 256 | 40 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4553 | P | \$4.33 | FLASH | 8 | 32 | 2 | 256 | 40 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 12 - bit @50ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4580 | P | \$4.38 | FLASH | 8 | 32 | 1.5 | 256 | 40 | 40 | 10 | 2 | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4585 | P | \$4.98 | FLASH | 8 | 48 | 3.25 | 1024 | 40 | 40 | 10 | 2 | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F45J10 | P | \$1.51 | FLASH | 8 | 32 | 1 | | 40 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 1 x 8-bit 2 x 16-bit | 1 - A/E/USART 2 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 3.6V | 40/PDIP 44/QFN 44/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|--------------|--------|------------------|----------------------------------|-------------------------|---------------------------------------|-------------------------|---------------------|--|--------------|--|
| PIC18F45J11 | P | \$2.09 | FLASH | 8 | 32 | 3.71 | | 44 | 48 | 12 | 2 | | | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 2 - ECCP | 1 A/D 13 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC18F45J50 | P | \$2.30 | FLASH | 8 | 32 | 3.71 | | 44 | 48 | 12 | 2 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC PMP BOR POR | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 2 - ECCP | 1 A/D 13 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC18F45K20 | P | \$1.61 | FLASH | 8 | 32 | 1.5 | 256 | 40 | 64 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 14 | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 3.6V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F45K22 | P | \$1.89 | FLASH | 8 | 32 | 1.5 | 256 | 40 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 3 x 8-bit 4 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 28 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 40/PDIP 40/QFN 44/QFN 44/TQFP |
| PIC18F45K80 | F | | FLASH | 8 | 32 | 3.56 | 1024 | 44 | 64 | 16 | 2 | | | 1-ECAN | LS, FW, APM, XLP | PBOR | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | mTouch Ch.: 11 | 4 - CCP 1 - ECCP | 1 A/D 11 x 12 - bit @100ksps CTMU: YES | 1.8V to 5.5V | |
| PIC18F4610 | P | \$4.06 | FLASH | 8 | 64 | 3.88 | | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 600MIL 44/QFN 44/TQFP |
| PIC18F4620 | P | \$4.27 | FLASH | 8 | 64 | 3.88 | 1024 | 40 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 600MIL 44/QFN 44/TQFP |
| PIC18F4680 | P | \$5.26 | FLASH | 8 | 64 | 3.25 | 1024 | 40 | 40 | 10 | 2 | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4682 | P | \$5.71 | FLASH | 8 | 80 | 3.25 | 1024 | 40 | 40 | 10 | 2 | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F4685 | P | \$6.08 | FLASH | 8 | 96 | 3.25 | 1024 | 40 | 40 | 10 | 2 | ✓ | | 1-ECAN | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | | 1 - CCP 1 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F46J11 | P | \$2.37 | FLASH | 8 | 64 | 3.71 | | 44 | 48 | 12 | 2 | | | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 2 - ECCP | 1 A/D 13 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC18F46J13 | P | \$2.52 | FLASH | 8 | 64 | 3.71 | | 44 | 48 | 12 | 3 | | | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 7 - CCP 3 - ECCP | 1 A/D 13 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC18F46J50 | P | \$2.58 | FLASH | 8 | 64 | 3.71 | | 44 | 48 | 12 | 2 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC PMP BOR POR | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 2 - ECCP | 1 A/D 13 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC18F46J53 | P | \$2.73 | FLASH | 8 | 64 | 3.71 | | 44 | 48 | 12 | 3 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 7 - CCP 3 - ECCP | 1 A/D 13 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|--------------|--------|------------------|----------------------------------|-------------------------|---------------------------------------|-------------------------|---------------------|--|--------------|---|
| PIC18F46K20 | P | \$1.82 | FLASH | 8 | 64 | 3.84 | 1024 | 40 | 64 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PSP PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | mTouch Ch.: 14 | 1 - CCP 1 - ECCP | 1 A/D 13 x 10 - bit @100ksps Bandgap: INTERNAL | 1.8V to 3.6V | 40/PDIP 44/QFN 44/TQFP |
| PIC18F46K22 | F | \$2.16 | FLASH | 8 | 64 | 3.8 | 1024 | 40 | 64 | 16 | 2 | | | | LS, FW, APM, XLP | PBOR POR WDT | 3 x 8-bit 4 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 28 | 2 - CCP 3 - ECCP | 1 A/D 28 x 10 - bit @100ksps SRLatch: YES | 1.8V to 5.5V | 40/PDIP 40/UQFN 44/QFN 44/TQFP |
| PIC18F46K80 | F | | FLASH | 8 | 64 | 3.56 | 1024 | 44 | 64 | 16 | 2 | | | 1-ECAN | LS, FW, APM, XLP | PBOR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - SSP | mTouch Ch.: 11 | 4 - CCP 1 - ECCP | 1 A/D 11 x 12 - bit @100ksps CTMU: YES | 1.8V to 5.5V | |
| PIC18F47J13 | P | \$2.76 | FLASH | 8 | 128 | 3.71 | | 44 | 48 | 12 | 3 | | | | LS, FW, APM, XLP | RTCC BOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 7 - CCP 3 - ECCP | 1 A/D 13 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC18F47J53 | P | \$2.97 | FLASH | 8 | 128 | 3.71 | | 44 | 48 | 12 | 3 | | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART PPS :YES 2 - MSSP | mTouch Ch.: 13 | 7 - CCP 3 - ECCP | 1 A/D 13 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC18F6310 | P | \$2.52 | FLASH | 8 | 8 | 0.75 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 3 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 64/TQFP |
| PIC18F6390 | P | \$2.66 | FLASH | 8 | 8 | 0.75 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 128 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 64/TQFP |
| PIC18F6393 | P | \$2.94 | FLASH | 8 | 8 | 0.75 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 128 | 2 - CCP | 1 A/D 12 x 12 - bit @50ksps | 2V to 5.5V | 64/TQFP |
| PIC18F63J11 | P | \$1.85 | FLASH | 8 | 8 | 1 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F63J90 | P | \$2.00 | FLASH | 8 | 8 | 1 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F6410 | P | \$2.87 | FLASH | 8 | 16 | 0.75 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 3 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 64/TQFP |
| PIC18F6490 | P | \$3.01 | FLASH | 8 | 16 | 0.75 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 128 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 64/TQFP |
| PIC18F6493 | P | \$3.29 | FLASH | 8 | 16 | 0.75 | | 64 | 32 | 8 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 | 2 - CCP | 1 A/D 12 x 12 - bit @50ksps | 2V to 5.5V | 64/TQFP |
| PIC18F64J11 | P | \$1.92 | FLASH | 8 | 16 | 1 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F64J90 | P | \$2.06 | FLASH | 8 | 16 | 1 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F6520 | P | \$5.93 | FLASH | 8 | 32 | 2 | 1024 | 64 | 40 | 10 | 2 | | | | LS | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 5 - CCP | 1 A/D 12 x 10 - bit @30ksps | 2V to 5.5V | 64/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|--------|---------------------|-----------------------------------|-------------------------|---------------------------|-------------------------------------|---------------------|---|--------------|-------------------|
| PIC18F6527 | P | \$4.62 | FLASH | 8 | 48 | 3.84 | 1024 | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 64/TQFP |
| PIC18F65J10 | P | \$1.82 | FLASH | 8 | 32 | 2 | | 64 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F65J11 | P | \$2.02 | FLASH | 8 | 32 | 2 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F65J15 | P | \$1.96 | FLASH | 8 | 48 | 2 | | 64 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F65J50 | P | \$2.32 | FLASH | 8 | 32 | 3.81 | | 64 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F65J90 | P | \$2.17 | FLASH | 8 | 32 | 2 | | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F65K22 | P | \$2.39 | FLASH | 8 | 32 | 2 | 1024 | 64 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PSP PBOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 16 | 5 - CCP 3 - ECCP | 1 A/D 16 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 64/QFN 64/TQFP |
| PIC18F65K80 | F | | FLASH | 8 | 32 | 3.56 | 1024 | 64 | 64 | 16 | 2 | | | 1-ECAN | LS, FW, APM, XLP | PBOR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - SSP | mTouch Ch.: 11 | 4 - CCP 1 - ECCP | 1 A/D 11 x 12 - bit @100ksps CTMU: YES | 1.8V to 5.5V | |
| PIC18F65K90 | P | \$2.53 | FLASH | 8 | 32 | 2 | 1024 | 64 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART 2 - MSSP | LCD Segments: 132 mTouch Ch.: 16 | 5 - CCP 3 - ECCP | 1 A/D 16 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 64/QFN 64/TQFP |
| PIC18F6622 | P | \$5.11 | FLASH | 8 | 64 | 3.84 | 1024 | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 64/TQFP |
| PIC18F6627 | P | \$6.02 | FLASH | 8 | 96 | 3.84 | 1024 | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 64/TQFP |
| PIC18F6628 | P | \$7.10 | FLASH | 8 | 96 | 3.84 | 1024 | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 12 - bit @50ksps | 2V to 5.5V | 64/TQFP |
| PIC18F66J10 | P | \$2.10 | FLASH | 8 | 64 | 2 | | 64 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F66J11 | P | \$2.32 | FLASH | 8 | 64 | 3.81 | | 64 | 48 | 12 | 2 | ✓ | | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|--------|---------------------|-----------------------------------|-------------------------|---------------------------|-------------------------------------|---------------------|---|--------------|-------------------|
| PIC18F66J15 | P | \$2.20 | FLASH | 8 | 96 | 3.84 | | 64 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F66J16 | P | \$2.45 | FLASH | 8 | 96 | 3.81 | | 64 | 48 | 12 | 2 | ✓ | | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F66J50 | P | \$2.59 | FLASH | 8 | 64 | 3.81 | | 64 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F66J55 | P | \$2.72 | FLASH | 8 | 96 | 3.81 | | 64 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F66J60 | P | \$3.07 | FLASH | 8 | 64 | 3.72 | | 64 | 42 | 10.5 | 2 | ✓ | | | APM | BOR POR WDT | 2 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | Ethernet: 10 BASE T | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F66J65 | P | \$3.19 | FLASH | 8 | 96 | 3.72 | | 64 | 42 | 10.5 | 2 | ✓ | | | APM | BOR POR WDT | 2 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | Ethernet: 10 BASE T | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F66J90 | P | \$2.48 | FLASH | 8 | 64 | 3.81 | | 64 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 mTouch Ch.: 12 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 64/TQFP |
| PIC18F66J93 | P | \$2.62 | FLASH | 8 | 64 | 3.81 | | 64 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 mTouch Ch.: 12 | 2 - CCP | 1 A/D 12 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 64/TQFP |
| PIC18F66K22 | P | \$2.70 | FLASH | 8 | 64 | 3.77 | 1024 | 64 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PSP PBOR POR WDT | 6 x 8-bit 5 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 16 | 7 - CCP 3 - ECCP | 1 A/D 16 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 64/QFN 64/TQFP |
| PIC18F66K80 | F | | FLASH | 8 | 64 | 3.56 | 1024 | 64 | 64 | 16 | 2 | | | 1-ECAN | LS, FW, APM, XLP | PBOR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | Code Guard: BASIC mTouch Ch.: 11 | 4 - CCP 1 - ECCP | 1 A/D 11 x 12 - bit @100ksps CTMU: YES | 1.8V to 5.5V | |
| PIC18F66K90 | P | \$2.84 | FLASH | 8 | 64 | 3.74 | 1024 | 64 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 6 x 8-bit 5 x 16-bit | 2 - A/E/USART 2 - MSSP | LCD Segments: 132 mTouch Ch.: 16 | 7 - CCP 3 - ECCP | 1 A/D 16 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 64/QFN 64/TQFP |
| PIC18F6722 | P | \$6.86 | FLASH | 8 | 128 | 3.84 | 1024 | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 64/TQFP |
| PIC18F6723 | P | \$7.99 | FLASH | 8 | 128 | 3.84 | 1024 | 64 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 12 - bit @50ksps | 2V to 5.5V | 64/TQFP |
| PIC18F67J10 | P | \$2.31 | FLASH | 8 | 128 | 3.84 | | 64 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|-----|---------------------|-----------------------------------|-------------------------|---------------------------|-------------------------------------|---------------------|---|--------------|-------------------|
| PIC18F67J11 | P | \$2.56 | FLASH | 8 | 128 | 3.81 | | 64 | 48 | 12 | 2 | ✓ | | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F67J50 | P | \$2.83 | FLASH | 8 | 128 | 3.81 | | 64 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 8 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F67J60 | P | \$3.30 | FLASH | 8 | 128 | 3.72 | | 64 | 42 | 10.5 | 2 | ✓ | | | APM | BOR POR WDT | 2 x 8-bit 3 x 16-bit | 1 - A/E/USART 1 - MSSP | Ethernet: 10 BASE T | 2 - CCP 3 - ECCP | 1 A/D 11 x 10 - bit @100ksps | 2V to 3.6V | 64/TQFP |
| PIC18F67J90 | P | \$2.72 | FLASH | 8 | 128 | 3.81 | | 64 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 mTouch Ch.: 12 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 64/TQFP |
| PIC18F67J93 | P | \$2.86 | FLASH | 8 | 128 | 3.81 | | 64 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 3 x 8-bit 1 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 mTouch Ch.: 12 | 2 - CCP | 1 A/D 12 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 64/TQFP |
| PIC18F67K22 | P | \$2.94 | FLASH | 8 | 128 | 3.77 | 1024 | 64 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PSP PBOR POR WDT | 6 x 8-bit 5 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 16 | 7 - CCP 3 - ECCP | 1 A/D 16 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 64/QFN 64/TQFP |
| PIC18F67K90 | P | \$3.08 | FLASH | 8 | 128 | 3.74 | 1024 | 64 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 6 x 8-bit 5 x 16-bit | 2 - A/E/USART 2 - MSSP | LCD Segments: 132 mTouch Ch.: 16 | 7 - CCP 3 - ECCP | 1 A/D 16 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 64/QFN 64/TQFP |
| PIC18F8310 | P | \$3.01 | FLASH | 8 | 8 | 0.75 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 3 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 80/TQFP |
| PIC18F8390 | P | \$3.15 | FLASH | 8 | 8 | 0.75 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 80/TQFP |
| PIC18F8393 | P | \$3.43 | FLASH | 8 | 8 | 0.75 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 | 2 - CCP | 1 A/D 12 x 12 - bit @50ksps | 2V to 5.5V | 80/TQFP |
| PIC18F83J11 | P | \$2.11 | FLASH | 8 | 8 | 1 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F83J90 | P | \$2.27 | FLASH | 8 | 8 | 1 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F8410 | P | \$3.36 | FLASH | 8 | 16 | 0.75 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 3 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 80/TQFP |
| PIC18F8490 | P | \$3.50 | FLASH | 8 | 16 | 0.75 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 5.5V | 80/TQFP |
| PIC18F8493 | P | \$3.78 | FLASH | 8 | 16 | 0.75 | | 80 | 32 | 8 | 2 | ✓ | | | LS, FW, APM | PBOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 | 2 - CCP | 1 A/D 12 x 12 - bit @50ksps | 2V to 5.5V | 80/TQFP |
| PIC18F84J11 | P | \$2.18 | FLASH | 8 | 16 | 1 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|-----|---------------------|-----------------------------------|-------------------------|---------------------------|-------------------------------------|---------------------|---|--------------|---------|
| PIC18F84J90 | P | \$2.32 | FLASH | 8 | 16 | 1 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F8520 | P | \$6.23 | FLASH | 8 | 32 | 2 | 1024 | 80 | 40 | 10 | 2 | | | | LS | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 5 - CCP | 1 A/D 16 x 10 - bit @30ksps | 2V to 5.5V | 80/TQFP |
| PIC18F8527 | P | \$5.04 | FLASH | 8 | 48 | 3.84 | 1024 | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 16 x 10 - bit @100ksps | 2V to 5.5V | 80/TQFP |
| PIC18F85J10 | P | \$2.06 | FLASH | 8 | 32 | 2 | | 80 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 15 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F85J11 | P | \$2.28 | FLASH | 8 | 32 | 2 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F85J15 | P | \$2.20 | FLASH | 8 | 48 | 2 | | 80 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 15 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F85J50 | P | \$2.59 | FLASH | 8 | 32 | 3.81 | | 80 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F85J90 | P | \$2.44 | FLASH | 8 | 32 | 2 | | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F85K22 | P | \$2.66 | FLASH | 8 | 32 | 2 | 1024 | 80 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PSP PBOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 24 | 5 - CCP 3 - ECCP | 1 A/D 24 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 80/TQFP |
| PIC18F85K90 | P | \$2.80 | FLASH | 8 | 32 | 2 | 1024 | 80 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 4 x 8-bit 4 x 16-bit | 2 - A/E/USART 2 - MSSP | LCD Segments: 192 mTouch Ch.: 24 | 5 - CCP 3 - ECCP | 1 A/D 24 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 80/TQFP |
| PIC18F8622 | P | \$5.53 | FLASH | 8 | 64 | 3.84 | 1024 | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 16 x 10 - bit @100ksps | 2V to 5.5V | 80/TQFP |
| PIC18F8627 | P | \$6.48 | FLASH | 8 | 96 | 3.84 | 1024 | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 16 x 10 - bit @100ksps | 2V to 5.5V | 80/TQFP |
| PIC18F8628 | P | \$7.55 | FLASH | 8 | 96 | 3.84 | 1024 | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 16 x 12 - bit @50ksps | 2V to 5.5V | 80/TQFP |
| PIC18F86J10 | P | \$2.32 | FLASH | 8 | 64 | 2 | | 80 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 15 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|-----|---------------------|-----------------------------------|-------------------------|---------------------------|-------------------------------------|---------------------|---|--------------|---------|
| PIC18F86J11 | P | \$2.59 | FLASH | 8 | 64 | 3.81 | | 80 | 48 | 12 | 2 | ✓ | | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F86J15 | P | \$2.44 | FLASH | 8 | 96 | 3.84 | | 80 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 15 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F86J16 | P | \$2.70 | FLASH | 8 | 96 | 3.81 | | 80 | 48 | 12 | 2 | ✓ | | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F86J50 | P | \$2.86 | FLASH | 8 | 64 | 3.81 | | 80 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F86J55 | P | \$2.98 | FLASH | 8 | 96 | 3.81 | | 80 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F86J60 | P | \$3.32 | FLASH | 8 | 64 | 3.72 | | 80 | 42 | 10.5 | 2 | ✓ | | | APM | BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | Ethernet: 10 BASE T | 2 - CCP 3 - ECCP | 1 A/D 15 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F86J65 | P | \$3.44 | FLASH | 8 | 96 | 3.72 | | 80 | 42 | 10.5 | 2 | ✓ | | | APM | BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | Ethernet: 10 BASE T | 2 - CCP 3 - ECCP | 1 A/D 15 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F86J72 | P | \$4.12 | FLASH | 8 | 64 | 3.83 | | 80 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 3 x 8-bit 1 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 | 2 - CCP | 2 A/D 2 x 16 - bit @64ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC18F86J90 | P | \$2.73 | FLASH | 8 | 64 | 3.81 | | 80 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 mTouch Ch.: 12 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC18F86J93 | P | \$2.88 | FLASH | 8 | 64 | 3.81 | | 80 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 mTouch Ch.: 12 | 2 - CCP | 1 A/D 12 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC18F86K22 | P | \$2.97 | FLASH | 8 | 64 | 3.77 | 1024 | 80 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PSP PBOR POR WDT | 6 x 8-bit 5 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 24 | 7 - CCP 3 - ECCP | 1 A/D 24 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 80/TQFP |
| PIC18F86K22 | P | \$2.97 | FLASH | 8 | 64 | 3.77 | 1024 | 80 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 6 x 8-bit 5 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 24 | 7 - CCP 3 - ECCP | 1 A/D 24 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 80/TQFP |
| PIC18F86K90 | P | \$3.11 | FLASH | 8 | 64 | 3.74 | 1024 | 80 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 6 x 8-bit 5 x 16-bit | 2 - A/E/USART 2 - MSSP | LCD Segments: 192 mTouch Ch.: 24 | 7 - CCP 3 - ECCP | 1 A/D 24 x 12 - bit @100ksps Bandgap: YES | 1.8V to 5.5V | 80/TQFP |
| PIC18F8722 | P | \$7.28 | FLASH | 8 | 128 | 3.84 | 1024 | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 16 x 10 - bit @100ksps | 2V to 5.5V | 80/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|-----|---------------------|----------------------------|-------------------------|--------------------------------|--|--------------------------------------|---|--------------|---------------------|
| PIC18F8723 | P | \$8.44 | FLASH | 8 | 128 | 3.84 | 1024 | 80 | 40 | 10 | 2 | ✓ | | | LS, FW, APM | PSP PBOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 16 x 12 - bit @50ksps | 2V to 5.5V | 80/TQFP |
| PIC18F87J10 | P | \$2.55 | FLASH | 8 | 128 | 3.84 | | 80 | 40 | 10 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 15 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F87J11 | P | \$2.83 | FLASH | 8 | 128 | 3.81 | | 80 | 48 | 12 | 2 | ✓ | | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F87J50 | P | \$3.09 | FLASH | 8 | 128 | 3.81 | | 80 | 48 | 12 | 2 | ✓ | 1-FULL SPEED | | LS, FW, APM | PMP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | | 2 - CCP 3 - ECCP | 1 A/D 12 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F87J60 | P | \$3.56 | FLASH | 8 | 128 | 3.72 | | 80 | 42 | 10.5 | 2 | ✓ | | | APM | BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | Ethernet: 10 BASE T | 2 - CCP 3 - ECCP | 1 A/D 15 x 10 - bit @100ksps | 2V to 3.6V | 80/TQFP |
| PIC18F87J72 | P | \$4.35 | FLASH | 8 | 128 | 3.83 | | 80 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 3 x 8-bit 1 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 132 mTouch Ch.: 12 | 2 - CCP | 2 A/D 2 x 16 - bit @64ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC18F87J90 | P | \$2.98 | FLASH | 8 | 128 | 3.81 | | 80 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 mTouch Ch.: 12 | 2 - CCP | 1 A/D 12 x 10 - bit @100ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC18F87J93 | P | \$3.12 | FLASH | 8 | 128 | 3.81 | | 80 | 48 | 12 | 2 | | | | LS, FW, APM | RTCC BOR POR WDT | 1 x 8-bit 3 x 16-bit | 2 - A/E/USART 1 - MSSP | LCD Segments: 192 mTouch Ch.: 12 | 2 - CCP | 1 A/D 12 x 12 - bit @100ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC18F87K22 | P | \$3.21 | FLASH | 8 | 128 | 3.77 | 1024 | 80 | 64 | 16 | 3 | | | | FW, APM, XLP | RTCC BOR POR WDT | 6 x 8-bit 5 x 16-bit | 2 - A/E/USART 2 - MSSP | mTouch Ch.: 24 | 7 - CCP 3 - ECCP | 1 A/D 24 x 12 - bit @100ksps Shunt Reg.: YES | 1.8V to 5.5V | 80/TQFP |
| PIC18F87K90 | P | \$3.35 | FLASH | 8 | 128 | 4 | 1024 | 80 | 64 | 16 | 3 | | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 6 x 8-bit 5 x 16-bit | 2 - A/E/USART 2 - MSSP | LCD Segments: 192 | 7 - CCP 3 - ECCP | 1 A/D 24 x 12 - bit @100ksps Shunt Reg.: YES | 1.8V to 5.5V | 80/TQFP |
| PIC18F96J60 | P | \$3.53 | FLASH | 8 | 64 | 3.72 | | 100 | 42 | 10.5 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | Ethernet: 10 BASE T | 2 - CCP 3 - ECCP | 1 A/D 16 x 10 - bit @100ksps | 2V to 3.6V | 100/TQFP |
| PIC18F96J65 | P | \$3.65 | FLASH | 8 | 96 | 3.72 | | 100 | 42 | 10.5 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | Ethernet: 10 BASE T | 2 - CCP 3 - ECCP | 1 A/D 16 x 10 - bit @100ksps | 2V to 3.6V | 100/TQFP |
| PIC18F97J60 | P | \$3.77 | FLASH | 8 | 128 | 3.72 | | 100 | 42 | 10.5 | 2 | ✓ | | | APM | PSP BOR POR WDT | 2 x 8-bit 3 x 16-bit | 2 - A/E/USART 2 - MSSP | Ethernet: 10 BASE T | 2 - CCP 3 - ECCP | 1 A/D 16 x 10 - bit @100ksps | 2V to 3.6V | 100/TQFP |
| PIC24F04KA200 | P | \$1.15 | FLASH | 16 | 4 | 0.5 | | 14 | 32 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PBOR POR WDT | 3 x 16-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: BASIC mTouch Ch.: 7 IrDA | 1 - Input Capture 1 - Std. PWM | 1 A/D 7 x 10 - bit @500ksps Bandgap: INTERNAL | 1.8V to 3.6V | 14/PDIP 14/TSSOP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|-----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|--------------|-----|------------------|----------------------------------|------------|--|--|--|---|--------------|---|
| PIC24F04KA201 | P | \$1.27 | FLASH | 16 | 4 | 0.5 | | 20 | 32 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | PBOR POR WDT | 3 x 16-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: BASIC mTouch Ch.: 9 IrDA | 1 - Input Capture 1 - Std. PWM | 1 A/D 9 x 10 - bit @500ksps Bandgap: INTERNAL | 1.8V to 3.6V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC24F08KA101 | P | \$1.44 | FLASH | 16 | 8 | 1.5 | 512 | 20 | 32 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 3 x 16-bit | 2 - UART 1 - SPI 1 - I2C | Code Guard: BASIC mTouch Ch.: 9 IrDA | 1 - Input Capture 1 - Std. PWM | 1 A/D 9 x 10 - bit @500ksps Bandgap: INTERNAL | 1.8V to 3.6V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC24F08KA102 | P | \$1.51 | FLASH | 16 | 8 | 1.5 | 512 | 28 | 32 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 3 x 16-bit | 2 - UART 1 - SPI 1 - I2C | Code Guard: BASIC mTouch Ch.: 9 IrDA | 1 - Input Capture 1 - Std. PWM | 1 A/D 9 x 10 - bit @500ksps Bandgap: INTERNAL | 1.8V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC24F16KA101 | P | \$1.51 | FLASH | 16 | 16 | 1.5 | 512 | 20 | 32 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 3 x 16-bit | 2 - UART 1 - SPI 1 - I2C | Code Guard: BASIC mTouch Ch.: 9 IrDA | 1 - Input Capture 1 - Std. PWM | 1 A/D 9 x 10 - bit @500ksps Bandgap: INTERNAL | 1.8V to 3.6V | 20/PDIP 20/QFN 20/SOIC 300MIL 20/SSOP 208MIL |
| PIC24F16KA102 | P | \$1.58 | FLASH | 16 | 16 | 1.5 | 512 | 28 | 32 | 16 | 2 | ✓ | | | LS, FW, APM, XLP | RTCC PBOR POR WDT | 3 x 16-bit | 2 - UART 1 - SPI 1 - I2C | Code Guard: BASIC mTouch Ch.: 9 IrDA | 1 - Input Capture 1 - Std. PWM | 1 A/D 9 x 10 - bit @500ksps Bandgap: INTERNAL | 1.8V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC24FJ128DA106 | P | \$4.34 | FLASH | 16 | 128 | 24 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2.2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ128DA110 | P | \$4.83 | FLASH | 16 | 128 | 24 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | EPMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 24 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 24 x 10 - bit @500ksps CTMU: YES | 2.2V to 3.6V | 100/TQFP 121/XBGA |
| PIC24FJ128DA206 | P | \$4.76 | FLASH | 16 | 128 | 96 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2.2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ128DA210 | P | \$5.25 | FLASH | 16 | 128 | 96 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 24 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 24 x 10 - bit @500ksps CTMU: YES | 2.2V to 3.6V | 100/TQFP 121/XBGA |
| PIC24FJ128GA006 | P | \$3.05 | FLASH | 16 | 128 | 8 | | 64 | 32 | 16 | 2 | ✓ | | | FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2V to 3.6V | 64/TQFP |
| PIC24FJ128GA008 | P | \$3.32 | FLASH | 16 | 128 | 8 | | 80 | 32 | 16 | 2 | ✓ | | | FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2V to 3.6V | 80/TQFP |
| PIC24FJ128GA010 | P | \$3.51 | FLASH | 16 | 128 | 8 | | 100 | 32 | 16 | 2 | ✓ | | | FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2V to 3.6V | 100/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|-----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|--------------|-----|-------------|-----------------------------------|------------|--|--|--|--|--------------|---|
| PIC24FJ128GA106 | P | \$3.56 | FLASH | 16 | 128 | 16 | | 64 | 32 | 16 | 3 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ128GA108 | P | \$3.82 | FLASH | 16 | 128 | 16 | | 80 | 32 | 16 | 3 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC24FJ128GA110 | P | \$4.03 | FLASH | 16 | 128 | 16 | | 100 | 32 | 16 | 3 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 100/TQFP |
| PIC24FJ128GB106 | P | \$3.81 | FLASH | 16 | 128 | 16 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ128GB108 | P | \$4.07 | FLASH | 16 | 128 | 16 | | 80 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC24FJ128GB110 | P | \$4.28 | FLASH | 16 | 128 | 16 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 100/TQFP |
| PIC24FJ128GB206 | P | \$4.30 | FLASH | 16 | 128 | 96 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC EPMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2.2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ128GB210 | P | \$4.79 | FLASH | 16 | 128 | 96 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC EPMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 24 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 24 x 10 - bit @500ksps CTMU: YES | 2.2V to 3.6V | 100/TQFP 121/XBGA |
| PIC24FJ16GA002 | P | \$1.74 | FLASH | 16 | 16 | 4 | | 28 | 32 | 16 | 2 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 10 x 10 - bit @500ksps | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC24FJ16GA004 | P | \$1.93 | FLASH | 16 | 16 | 4 | | 44 | 32 | 16 | 2 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 13 x 10 - bit @500ksps | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC24FJ192GA106 | P | \$3.77 | FLASH | 16 | 192 | 16 | | 64 | 32 | 16 | 3 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ192GA108 | P | \$4.03 | FLASH | 16 | 192 | 16 | | 80 | 32 | 16 | 3 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 80/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|-----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|--------------|-----|-------------|-----------------------------------|------------|--|--|--|--|--------------|----------------------|
| PIC24FJ192GA110 | P | \$4.24 | FLASH | 16 | 192 | 16 | | 100 | 32 | 16 | 3 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 100/TQFP |
| PIC24FJ192GB106 | P | \$4.02 | FLASH | 16 | 192 | 16 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ192GB108 | P | \$4.28 | FLASH | 16 | 192 | 16 | | 80 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC24FJ192GB110 | P | \$4.49 | FLASH | 16 | 192 | 16 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 100/TQFP |
| PIC24FJ256DA106 | P | \$4.69 | FLASH | 16 | 256 | 24 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2.2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ256DA110 | P | \$5.18 | FLASH | 16 | 256 | 24 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC EPMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 24 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 24 x 10 - bit @500ksps CTMU: YES | 2.2V to 3.6V | 100/TQFP 121/XBGA |
| PIC24FJ256DA206 | P | \$5.11 | FLASH | 16 | 256 | 96 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2.2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ256DA210 | P | \$5.60 | FLASH | 16 | 256 | 96 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC EPMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 24 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 24 x 10 - bit @500ksps CTMU: YES | 2.2V to 3.6V | 100/TQFP 121/XBGA |
| PIC24FJ256GA106 | P | \$3.98 | FLASH | 16 | 256 | 16 | | 64 | 32 | 16 | 3 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ256GA108 | P | \$4.24 | FLASH | 16 | 256 | 16 | | 80 | 32 | 16 | 3 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC24FJ256GA110 | P | \$4.45 | FLASH | 16 | 256 | 16 | | 100 | 32 | 16 | 3 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 100/TQFP |
| PIC24FJ256GB106 | P | \$4.23 | FLASH | 16 | 256 | 16 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 64/QFN 64/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|-----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|--------------|-----|------------------|-----------------------------------|------------|--|--|--|--|--------------|---|
| PIC24FJ256GB108 | P | \$4.49 | FLASH | 16 | 256 | 16 | | 80 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC24FJ256GB110 | P | \$4.70 | FLASH | 16 | 256 | 16 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 100/TQFP |
| PIC24FJ256GB206 | P | \$4.65 | FLASH | 16 | 256 | 96 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC EPMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 8 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2.2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ256GB210 | P | \$5.14 | FLASH | 16 | 256 | 96 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | | RTCC EPMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 24 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 24 x 10 - bit @500ksps | 2.2V to 3.6V | 100/TQFP 121/XBGA |
| PIC24FJ32GA002 | P | \$2.06 | FLASH | 16 | 32 | 8 | | 28 | 32 | 16 | 2 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 10 x 10 - bit @500ksps | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC24FJ32GA004 | P | \$2.30 | FLASH | 16 | 32 | 8 | | 44 | 32 | 16 | 2 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 13 x 10 - bit @500ksps | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC24FJ32GA102 | P | \$2.23 | FLASH | 16 | 32 | 8 | | 28 | 32 | 16 | 3 | ✓ | | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 10 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 10 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24FJ32GA104 | P | \$2.44 | FLASH | 16 | 32 | 8 | | 44 | 32 | 16 | 3 | ✓ | | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 13 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 13 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC24FJ32GB002 | P | \$2.44 | FLASH | 16 | 32 | 8 | | 28 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 9 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 9 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24FJ32GB004 | P | \$2.65 | FLASH | 16 | 32 | 8 | | 44 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 13 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 13 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC24FJ48GA002 | P | \$2.27 | FLASH | 16 | 48 | 8 | | 28 | 32 | 16 | 2 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 10 x 10 - bit @500ksps | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC24FJ48GA004 | P | \$2.51 | FLASH | 16 | 48 | 8 | | 44 | 32 | 16 | 2 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 13 x 10 - bit @500ksps | 2V to 3.6V | 44/QFN 44/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----------------|-----|---------------------|----------------------------------|------------|--|--|---|--|------------|---|
| PIC24FJ64GA002 | P | \$2.48 | FLASH | 16 | 64 | 8 | | 28 | 32 | 16 | 2 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 10 x 10 - bit @500ksps | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SSOP 208MIL |
| PIC24FJ64GA004 | P | \$2.58 | FLASH | 16 | 64 | 8 | | 44 | 32 | 16 | 2 | ✓ | | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 13 x 10 - bit @500ksps | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC24FJ64GA006 | P | \$2.81 | FLASH | 16 | 64 | 8 | | 64 | 32 | 16 | 2 | ✓ | | | FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2V to 3.6V | 64/TQFP |
| PIC24FJ64GA008 | P | \$3.07 | FLASH | 16 | 64 | 8 | | 80 | 32 | 16 | 2 | ✓ | | | FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2V to 3.6V | 80/TQFP |
| PIC24FJ64GA010 | P | \$3.28 | FLASH | 16 | 64 | 8 | | 100 | 32 | 16 | 2 | ✓ | | | FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2V to 3.6V | 100/TQFP |
| PIC24FJ64GA102 | P | \$2.65 | FLASH | 16 | 64 | 8 | | 28 | 32 | 16 | 3 | ✓ | | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 10 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 10 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24FJ64GA104 | P | \$2.86 | FLASH | 16 | 64 | 8 | | 44 | 32 | 16 | 3 | ✓ | | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 13 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 13 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC24FJ64GB002 | P | \$2.86 | FLASH | 16 | 64 | 8 | | 28 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 13 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 9 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24FJ64GB004 | P | \$3.07 | FLASH | 16 | 64 | 8 | | 44 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM, XLP | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 13 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 13 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 44/QFN 44/TQFP |
| PIC24FJ64GB106 | P | \$3.57 | FLASH | 16 | 64 | 16 | | 64 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 64/QFN 64/TQFP |
| PIC24FJ64GB108 | P | \$3.84 | FLASH | 16 | 64 | 16 | | 80 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 80/TQFP |
| PIC24FJ64GB110 | P | \$4.05 | FLASH | 16 | 64 | 16 | | 100 | 32 | 16 | 3 | ✓ | 1-FULL SPEED | | LS, FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 4 - UART 3 - SPI 3 - I2C PPS :YES | Code Guard: BASIC JTAG: boundary scan mTouch Ch.: 16 IrDA | 9 - CCP 9 - Input Capture 9 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps CTMU: YES | 2V to 3.6V | 100/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|------------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|--------|----------|-----------------------------------|--------------------------|--|---|-----------------------------------|--|------------|--------------------------------------|
| PIC24FJ96GA006 | P | \$2.94 | FLASH | 16 | 96 | 8 | | 64 | 32 | 16 | 2 | ✓ | | | FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2V to 3.6V | 64/TQFP |
| PIC24FJ96GA008 | P | \$3.19 | FLASH | 16 | 96 | 8 | | 80 | 32 | 16 | 2 | ✓ | | | FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2V to 3.6V | 80/TQFP |
| PIC24FJ96GA010 | P | \$3.42 | FLASH | 16 | 96 | 8 | | 100 | 32 | 16 | 2 | ✓ | | | FW, APM | RTCC PMP BOR POR WDT | 5 x 16-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: BASIC JTAG: boundary scan IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @500ksps | 2V to 3.6V | 100/TQFP |
| PIC24HJ128GP202 | P | \$3.44 | FLASH | 16 | 128 | 8 | | 28 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan mTouch Ch.: 10 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24HJ128GP204 | P | \$3.58 | FLASH | 16 | 128 | 8 | | 44 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 13 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| PIC24HJ128GP206A | P | \$3.63 | FLASH | 16 | 128 | 8 | | 64 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 18 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| PIC24HJ128GP210A | P | \$4.14 | FLASH | 16 | 128 | 8 | | 100 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 32 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| PIC24HJ128GP310A | P | \$4.26 | FLASH | 16 | 128 | 16 | | 100 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 32 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| PIC24HJ128GP502 | P | \$3.65 | FLASH | 16 | 128 | 8 | | 28 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan mTouch Ch.: 10 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24HJ128GP504 | P | \$3.88 | FLASH | 16 | 128 | 8 | | 44 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan mTouch Ch.: 13 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| PIC24HJ128GP506A | P | \$3.85 | FLASH | 16 | 128 | 8 | | 64 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 18 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| PIC24HJ128GP510A | P | \$4.31 | FLASH | 16 | 128 | 8 | | 100 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 32 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| PIC24HJ12GP201 | P | \$2.09 | FLASH | 16 | 12 | 1 | | 18 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan mTouch Ch.: 6 IrDA | 4 - Input Capture 2 - Std. PWM | 1 A/D 6 x 12 - bit @500ksps | 3V to 3.6V | 18/PDIP 18/SOIC 300MIL |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|------------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|--------|----------|-----------------------------------|--------------------------|--|---|--------------------------------------|--|------------|---|
| PIC24HJ12GP202 | P | \$2.24 | FLASH | 16 | 12 | 1 | | 28 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan mTouch Ch.: 10 IrDA | 4 - Input Capture 2 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| PIC24HJ16GP304 | P | \$2.42 | FLASH | 16 | 16 | 2 | | 44 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan mTouch Ch.: 13 IrDA | 4 - Input Capture 2 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| PIC24HJ256GP206A | P | \$4.05 | FLASH | 16 | 256 | 16 | | 64 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 18 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| PIC24HJ256GP210A | P | \$4.63 | FLASH | 16 | 256 | 16 | | 100 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 32 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| PIC24HJ256GP610A | P | \$5.08 | FLASH | 16 | 256 | 16 | | 100 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 32 IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 32 x 12 - bit @500ksps Bandgap: YES | 3V to 3.6V | 100/TQFP |
| PIC24HJ32GP202 | P | \$2.40 | FLASH | 16 | 32 | 2 | | 28 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan mTouch Ch.: 10 IrDA | 4 - Input Capture 2 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24HJ32GP204 | P | \$2.49 | FLASH | 16 | 32 | 2 | | 44 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan mTouch Ch.: 13 IrDA | 4 - Input Capture 2 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| PIC24HJ32GP302 | P | \$2.76 | FLASH | 16 | 32 | 4 | | 28 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan mTouch Ch.: 10 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24HJ32GP304 | P | \$2.82 | FLASH | 16 | 32 | 4 | | 44 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan mTouch Ch.: 13 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| PIC24HJ64GP202 | P | \$3.12 | FLASH | 16 | 64 | 4 | | 28 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan mTouch Ch.: 10 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24HJ64GP204 | P | \$3.29 | FLASH | 16 | 64 | 8 | | 44 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan mTouch Ch.: 13 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| PIC24HJ64GP206A | P | \$3.39 | FLASH | 16 | 64 | 8 | | 64 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 18 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/TQFP |
| PIC24HJ64GP210A | P | \$3.88 | FLASH | 16 | 64 | 8 | | 100 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 32 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|-----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|--------|----------|-----------------------------------|--------------------------|--|---|-----------------------------------|--|--------------|--------------------------------------|
| PIC24HJ64GP502 | P | \$3.33 | FLASH | 16 | 64 | 4 | | 28 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan mTouch Ch.: 10 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| PIC24HJ64GP504 | P | \$3.58 | FLASH | 16 | 64 | 4 | | 44 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan mTouch Ch.: 13 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| PIC24HJ64GP506A | P | \$3.60 | FLASH | 16 | 64 | 8 | | 64 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 18 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| PIC24HJ64GP510A | P | \$4.06 | FLASH | 16 | 64 | 8 | | 100 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan mTouch Ch.: 32 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC30F1010 | P | \$2.82 | FLASH | 16 | 6 | 0.25 | | 28 | 120 | 30 | 2 | | | | FW, APM | GPIO POR WDT | 2 x 16-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: INTERMEDIATE MtrCntrl Ch.: 4 SMPS: 4 | 1 - Std. PWM | 1 A/D 6 x 10 - bit @2000ksps | 3V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC30F2010 | P | \$2.43 | FLASH | 16 | 12 | 0.5 | 1024 | 28 | 120 | 30 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: BASIC MtrCntrl Ch.: 6 QEI: 1 | 4 - Input Capture 2 - Std. PWM | 1 A/D 6 x 10 - bit @1000ksps | 2.5V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC30F2011 | P | \$2.23 | FLASH | 16 | 12 | 1 | | 18 | 120 | 30 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: BASIC | 2 - Input Capture 2 - Std. PWM | 1 A/D 8 x 12 - bit @200ksps | 2.5V to 5.5V | 18/PDIP 18/SOIC 300MIL 28/QFN |
| DSPIC30F2012 | P | \$2.32 | FLASH | 16 | 12 | 1 | | 28 | 120 | 30 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: BASIC | 2 - Input Capture 2 - Std. PWM | 1 A/D 10 x 12 - bit @200ksps | 2.5V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC30F2020 | P | \$3.62 | FLASH | 16 | 12 | 0.5 | | 28 | 120 | 30 | 4 | | | | FW, APM | GPIO POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: INTERMEDIATE MtrCntrl Ch.: 8 SMPS: 8 | 2 - Std. PWM | 1 A/D 8 x 10 - bit @2000ksps | 3V to 5.5V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC30F2023 | P | \$4.02 | FLASH | 16 | 12 | 0.5 | | 44 | 120 | 30 | 4 | | | | FW, APM | GPIO POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: INTERMEDIATE MtrCntrl Ch.: 8 SMPS: 8 | 2 - Std. PWM | 1 A/D 12 x 10 - bit @2000ksps | 3V to 5.5V | 44/QFN 44/TQFP |
| DSPIC30F3010 | P | \$3.02 | FLASH | 16 | 24 | 1 | 1024 | 28 | 120 | 30 | | | | | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: BASIC MtrCntrl Ch.: 6 QEI: 1 | 4 - Input Capture 2 - Std. PWM | 1 A/D 6 x 10 - bit @1000ksps | 2.5V to 5.5V | 28/SOIC 300MIL 28/SPDIP 44/QFN |
| DSPIC30F3011 | P | \$3.32 | FLASH | 16 | 24 | 1 | 1024 | 40 | 120 | 30 | | | | | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 1 - SPI 1 - I2C | Code Guard: BASIC MtrCntrl Ch.: 6 QEI: 1 | 4 - Input Capture 4 - Std. PWM | 1 A/D 9 x 10 - bit @1000ksps | 2.5V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| DSPIC30F3012 | P | \$2.68 | FLASH | 16 | 24 | 2 | 1024 | 18 | 120 | 30 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: BASIC | 2 - Input Capture 2 - Std. PWM | 1 A/D 8 x 12 - bit @200ksps | 2.5V to 5.5V | 18/PDIP 18/SOIC 300MIL 44/QFN |
| DSPIC30F3013 | P | \$2.77 | FLASH | 16 | 24 | 2 | 1024 | 28 | 120 | 30 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 2 - UART 1 - SPI 1 - I2C | Code Guard: BASIC | 2 - Input Capture 2 - Std. PWM | 1 A/D 10 x 12 - bit @200ksps | 2.5V to 5.5V | 28/SOIC 300MIL 28/SPDIP 44/QFN |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-------|----------|----------------------------|--------------------------|--------------------------------|---|--------------------------------------|----------------------------------|--------------|--------------------------------------|
| DSPIC30F3014 | P | \$3.24 | FLASH | 16 | 24 | 2 | 1024 | 40 | 120 | 30 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 2 - UART 1 - SPI 1 - I2C | Code Guard: BASIC | 2 - Input Capture 2 - Std. PWM | 1 A/D 13 x 12 - bit @200ksps | 2.5V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| DSPIC30F4011 | P | \$4.02 | FLASH | 16 | 48 | 2 | 1024 | 40 | 120 | 30 | | | | 1-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 1 - SPI 1 - I2C | Code Guard: BASIC MtrCntrl Ch.: 6 QEI: 1 | 4 - Input Capture 4 - Std. PWM | 1 A/D 9 x 10 - bit @1000ksps | 2.5V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| DSPIC30F4012 | P | \$3.71 | FLASH | 16 | 48 | 2 | 1024 | 28 | 120 | 30 | | | | 1-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 1 - UART 1 - SPI 1 - I2C | Code Guard: BASIC MtrCntrl Ch.: 6 QEI: 1 | 4 - Input Capture 2 - Std. PWM | 1 A/D 6 x 10 - bit @1000ksps | 2.5V to 5.5V | 28/SOIC 300MIL 28/SPDIP 44/QFN |
| DSPIC30F4013 | P | \$3.91 | FLASH | 16 | 48 | 2 | 1024 | 40 | 120 | 30 | | | | 1-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 1 - SPI 1 - I2C | Code Guard: BASIC | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @200ksps | 2.5V to 5.5V | 40/PDIP 44/QFN 44/TQFP |
| DSPIC30F5011 | P | \$4.96 | FLASH | 16 | 66 | 4 | 1024 | 64 | 120 | 30 | | | | 2-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 12 - bit @200ksps | 2.5V to 5.5V | 64/TQFP |
| DSPIC30F5013 | P | \$5.47 | FLASH | 16 | 66 | 4 | 1024 | 80 | 120 | 30 | | | | 2-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 12 - bit @200ksps | 2.5V to 5.5V | 80/TQFP |
| DSPIC30F5015 | P | \$5.08 | FLASH | 16 | 66 | 2 | 1024 | 64 | 120 | 30 | | | | 1-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 1 - UART 2 - SPI 1 - I2C | Code Guard: BASIC MtrCntrl Ch.: 8 QEI: 1 | 4 - Input Capture 4 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps | 2.5V to 5.5V | 64/TQFP |
| DSPIC30F5016 | P | \$5.59 | FLASH | 16 | 66 | 2 | 1024 | 80 | 120 | 30 | | | | 1-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 1 - UART 2 - SPI 1 - I2C | Code Guard: BASIC MtrCntrl Ch.: 8 QEI: 1 | 4 - Input Capture 4 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps | 2.5V to 5.5V | 80/TQFP |
| DSPIC30F6010A | P | \$7.36 | FLASH | 16 | 144 | 8 | 4096 | 80 | 120 | 30 | | | | 2-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED MtrCntrl Ch.: 8 QEI: 1 | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps | 2.5V to 5.5V | 80/TQFP |
| DSPIC30F6011A | P | \$6.89 | FLASH | 16 | 132 | 6 | 2048 | 64 | 120 | 30 | | | | 2-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 12 - bit @200ksps | 2.5V to 5.5V | 64/TQFP |
| DSPIC30F6012A | P | \$6.96 | FLASH | 16 | 144 | 8 | 4096 | 64 | 120 | 30 | | | | 2-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 12 - bit @200ksps | 2.5V to 5.5V | 64/TQFP |
| DSPIC30F6013A | P | \$7.14 | FLASH | 16 | 132 | 6 | 2048 | 80 | 120 | 30 | | | | 2-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 12 - bit @200ksps | 2.5V to 5.5V | 80/TQFP |
| DSPIC30F6014A | P | \$7.25 | FLASH | 16 | 144 | 8 | 4096 | 80 | 120 | 30 | | | | 2-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 12 - bit @200ksps | 2.5V to 5.5V | 80/TQFP |
| DSPIC30F6015 | P | \$7.18 | FLASH | 16 | 144 | 8 | 4096 | 64 | 120 | 30 | | | | 1-CAN | FW, APM | GPIO PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED MtrCntrl Ch.: 8 QEI: 1 | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps | 2.5V to 5.5V | 64/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|--------------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|--------|----------|-----------------------------------|--------------------------|--|---|-----------------------------------|---|------------|--------------------------------------|
| DSPIC33FJ06GS101 | P | \$1.96 | FLASH | 16 | 6 | 0.25 | | 18 | 120 | 40 | | ✓ | | | FW, APM | GPIO BOR POR WDT | 2 x 16-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 4 SMPS: 4 IrDA | 1 - Std. PWM | 1 A/D 6 x 10 - bit @2000ksps | 3V to 3.6V | 18/SOIC 300MIL |
| DSPIC33FJ06GS102 | P | \$2.20 | FLASH | 16 | 6 | 0.25 | | 28 | 120 | 40 | | ✓ | | | FW, APM | GPIO BOR POR WDT | 2 x 16-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 4 SMPS: 4 IrDA | 1 - Std. PWM | 1 A/D 6 x 10 - bit @2000ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ06GS202 | P | \$2.38 | FLASH | 16 | 6 | 1 | | 28 | 120 | 40 | 2 | ✓ | | | FW, APM | GPIO BOR POR WDT | 2 x 16-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 4 SMPS: 4 IrDA | 1 - Input Capture 1 - Std. PWM | 1 A/D 6 x 10 - bit @2000ksps 2 D/A 1 x 10 - bit @640ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ128GP202 | P | \$3.44 | FLASH | 16 | 128 | 8 | | 28 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ128GP204 | P | \$3.58 | FLASH | 16 | 128 | 8 | | 44 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ128GP206A | P | \$3.63 | FLASH | 16 | 128 | 8 | | 64 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED JTAG: boundary scan | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ128GP306A | P | \$3.79 | FLASH | 16 | 128 | 16 | | 64 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ128GP310A | P | \$4.26 | FLASH | 16 | 128 | 16 | | 100 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ128GP706A | P | \$4.40 | FLASH | 16 | 128 | 16 | | 64 | 80 | 40 | | | | 2-ECAN | FW, APM | PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan | 8 - Input Capture 8 - Std. PWM | 2 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ128GP708A | P | \$4.69 | FLASH | 16 | 128 | 16 | | 80 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 24 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 80/TQFP |
| DSPIC33FJ128GP710A | P | \$4.86 | FLASH | 16 | 128 | 16 | | 100 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ128GP802 | P | \$3.72 | FLASH | 16 | 128 | 16 | | 28 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps 1 D/A 2 x 16 - bit @100ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ128GP804 | P | \$3.96 | FLASH | 16 | 128 | 16 | | 44 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps 1 D/A 2 x 16 - bit @100ksps | 3V to 3.6V | 44/QFN 44/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|--------------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|--------|----------|-----------------------------------|--------------------------|--|--|--------------------------------------|---|------------|---|
| DSPIC33FJ128MC202 | P | \$3.57 | FLASH | 16 | 128 | 8 | | 28 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 6 x 10 - bit @1100ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ128MC204 | P | \$3.68 | FLASH | 16 | 128 | 8 | | 44 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 9 x 10 - bit @1100ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ128MC506A | P | \$4.10 | FLASH | 16 | 128 | 8 | | 64 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 10 - bit @1100ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ128MC510A | P | \$4.59 | FLASH | 16 | 128 | 8 | | 100 | 80 | 40 | | | | 1-ECAN | FW | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 24 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ128MC706A | P | \$4.49 | FLASH | 16 | 128 | 16 | | 64 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 16 x 10 - bit @1100ksps Bandgap: INTERNAL | 3V to 3.3V | 64/QFN 64/TQFP |
| DSPIC33FJ128MC708A | P | \$5.00 | FLASH | 16 | 128 | 16 | | 80 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 18 x 10 - bit @1ksps Bandgap: INTERNAL | 3V to 3.6V | 80/TQFP |
| DSPIC33FJ128MC710A | P | \$5.18 | FLASH | 16 | 128 | 16 | | 100 | 80 | 40 | | | | 2-ECAN | FW | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 24 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ128MC710A | P | \$5.18 | FLASH | 16 | 128 | 16 | | 100 | 80 | 40 | | | | 2-ECAN | FW | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 24 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ128MC802 | P | \$3.82 | FLASH | 16 | 128 | 16 | | 28 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 6 x 10 - bit @1100ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ128MC804 | P | \$4.23 | FLASH | 16 | 128 | 16 | | 44 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 9 x 10 - bit @1100ksps 1 D/A 2 x 16 - bit @100ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ12GP201 | P | \$2.09 | FLASH | 16 | 12 | 1 | | 18 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan | 4 - Input Capture 2 - Std. PWM | 1 A/D 6 x 12 - bit @500ksps | 3V to 3.6V | 18/PDIP 18/SOIC 300MIL |
| DSPIC33FJ12GP202 | P | \$2.24 | FLASH | 16 | 12 | 1 | | 28 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan | 4 - Input Capture 2 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|--------------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|--------|----------|----------------------------|--------------------------|--|---|--------------------------------------|--|------------|---|
| DSPIC33FJ12MC201 | P | \$2.09 | FLASH | 16 | 12 | 1 | | 20 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 | 4 - Input Capture 2 - Std. PWM | 1 A/D 4 x 10 - bit @1100ksps | 3V to 3.6V | 20/PDIP 20/SOIC 300MIL 20/SSOP 208MIL |
| DSPIC33FJ12MC202 | P | \$2.31 | FLASH | 16 | 12 | 1 | | 28 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 | 4 - Input Capture 2 - Std. PWM | 1 A/D 6 x 10 - bit @1100ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP 28/SSOP 208MIL |
| DSPIC33FJ16GP304 | P | \$2.58 | FLASH | 16 | 16 | 2 | | 44 | 80 | 40 | | | | | FW, APM | BOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: BASIC JTAG: program/boundary scan | 4 - Input Capture 2 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ16GS402 | P | \$2.52 | FLASH | 16 | 16 | 2 | | 28 | 120 | 40 | | ✓ | | | FW, APM | GPIO BOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 6 SMPS: 6 IrDA | 2 - Input Capture 2 - Std. PWM | 1 A/D 8 x 10 - bit @2000ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ16GS404 | P | \$2.77 | FLASH | 16 | 16 | 2 | | 44 | 120 | 40 | | ✓ | | | FW, APM | GPIO BOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 6 SMPS: 6 IrDA | 2 - Input Capture 2 - Std. PWM | 1 A/D 8 x 10 - bit @2000ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ16GS502 | P | \$3.04 | FLASH | 16 | 16 | 2 | | 28 | 120 | 40 | 4 | ✓ | | | FW, APM | GPIO BOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 8 SMPS: 8 IrDA | 2 - Input Capture 2 - Std. PWM | 2 A/D 8 x 10 - bit @4000ksps 4 D/A 1 x 10 - bit @640ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ16GS504 | P | \$3.42 | FLASH | 16 | 16 | 2 | | 44 | 120 | 40 | 4 | ✓ | | | FW, APM | GPIO BOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 8 SMPS: 8 IrDA | 2 - Input Capture 2 - Std. PWM | 2 A/D 12 x 10 - bit @4000ksps 4 D/A 1 x 10 - bit @640ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ16MC304 | P | \$2.65 | FLASH | 16 | 16 | 2 | | 44 | 80 | 40 | | | | | FW, APM | BOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: BASIC JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 1 | 4 - Input Capture 2 - Std. PWM | 1 A/D 9 x 10 - bit @1100ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ256GP506A | P | \$4.04 | FLASH | 16 | 256 | 16 | | 64 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ256GP510A | P | \$4.66 | FLASH | 16 | 256 | 16 | | 100 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ256GP710A | P | \$5.32 | FLASH | 16 | 256 | 30 | | 100 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ256MC510A | P | \$4.97 | FLASH | 16 | 256 | 16 | | 100 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 24 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ256MC710A | P | \$5.67 | FLASH | 16 | 256 | 30 | | 100 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 24 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|------------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|-----|----------|----------------------------|--------------------------|--|---|--------------------------------------|---|------------|--------------------------------------|
| DSPIC33FJ32GP202 | P | \$2.56 | FLASH | 16 | 32 | 2 | | 28 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan | 4 - Input Capture 2 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ32GP204 | P | \$2.66 | FLASH | 16 | 32 | 2 | | 44 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan | 4 - Input Capture 2 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ32GP302 | P | \$2.76 | FLASH | 16 | 32 | 4 | | 28 | 80 | 40 | 2 | | | | FW, APM | PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ32GP304 | P | \$3.01 | FLASH | 16 | 32 | 4 | | 44 | 80 | 40 | 2 | | | | FW, APM | PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ32GS406 | P | \$3.07 | FLASH | 16 | 32 | 4 | | 64 | 120 | 40 | | ✓ | | | FW, APM | GPIO BOR POR WDT | 4 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 12 SMPS: 12 QEI: 1 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 16 x 10 - bit @2000ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ32GS606 | P | \$3.36 | FLASH | 16 | 32 | 4 | | 64 | 120 | 40 | 4 | ✓ | | | FW, APM | GPIO BOR POR WDT | 4 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 12 SMPS: 12 QEI: 2 IrDA | 4 - Input Capture 4 - Std. PWM | 2 A/D 16 x 10 - bit @4000ksps 4 D/A 1 x 10 - bit @640ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ32GS608 | P | \$3.85 | FLASH | 16 | 32 | 4 | | 80 | 120 | 40 | 4 | ✓ | | | FW, APM | GPIO BOR POR WDT | 4 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 16 SMPS: 16 QEI: 2 IrDA | 4 - Input Capture 4 - Std. PWM | 2 A/D 18 x 10 - bit @4000ksps 4 D/A 1 x 10 - bit @640ksps Bandgap: INTERNAL | 3V to 3.6V | 80/TQFP |
| DSPIC33FJ32GS610 | P | \$4.41 | FLASH | 16 | 32 | 4 | | 100 | 120 | 40 | 4 | ✓ | | | FW, APM | GPIO BOR POR WDT | 4 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 18 SMPS: 18 QEI: 2 IrDA | 4 - Input Capture 4 - Std. PWM | 2 A/D 24 x 10 - bit @4000ksps 4 D/A 1 x 10 - bit @640ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ32MC202 | P | \$2.63 | FLASH | 16 | 32 | 2 | | 28 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 | 4 - Input Capture 2 - Std. PWM | 1 A/D 6 x 10 - bit @1100ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ32MC204 | P | \$2.76 | FLASH | 16 | 32 | 2 | | 44 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 3 x 16-bit 1 x 32-bit | 1 - UART 1 - SPI 1 - I2C PPS :YES | Code Guard: INTERMEDIATE JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 | 4 - Input Capture 2 - Std. PWM | 1 A/D 9 x 10 - bit @1100ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ32MC302 | P | \$2.87 | FLASH | 16 | 32 | 4 | | 28 | 80 | 40 | 2 | | | | FW, APM | PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 6 x 10 - bit @1100ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ32MC304 | P | \$3.12 | FLASH | 16 | 32 | 4 | | 44 | 80 | 40 | 2 | | | | FW, APM | PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 9 x 10 - bit @1100ksps | 3V to 3.6V | 44/QFN 44/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|-------------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|--------|----------|-----------------------------------|--------------------------|--|---|--------------------------------------|---|------------|--------------------------------------|
| DSPIC33FJ64GP202 | P | \$3.12 | FLASH | 16 | 64 | 8 | | 28 | 80 | 40 | 2 | | | | FW, APM | PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ64GP204 | P | \$3.29 | FLASH | 16 | 64 | 8 | | 44 | 80 | 40 | 2 | | | | FW, APM | PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ64GP206A | P | \$3.39 | FLASH | 16 | 64 | 8 | | 64 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 1 - I2C | Code Guard: ADVANCED JTAG: boundary scan | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ64GP306A | P | \$3.53 | FLASH | 16 | 64 | 16 | | 64 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan | 8 - Input Capture 8 - Std. PWM | 1 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ64GP310A | P | \$3.99 | FLASH | 16 | 64 | 16 | | 100 | 80 | 40 | | | | | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ64GP706A | P | \$4.14 | FLASH | 16 | 64 | 16 | | 64 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan | 8 - Input Capture 8 - Std. PWM | 2 A/D 18 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ64GP708A | P | \$4.44 | FLASH | 16 | 64 | 16 | | 80 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 24 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 80/TQFP |
| DSPIC33FJ64GP710A | P | \$4.61 | FLASH | 16 | 64 | 16 | | 100 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 32 x 12 - bit @500ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ64GP802 | P | \$3.42 | FLASH | 16 | 64 | 16 | | 28 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 10 x 12 - bit @500ksps 1 D/A 2 x 16 - bit @100ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ64GP804 | P | \$3.65 | FLASH | 16 | 64 | 16 | | 44 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan | 4 - Input Capture 4 - Std. PWM | 1 A/D 13 x 12 - bit @500ksps 1 D/A 2 x 16 - bit @100ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ64GS406 | P | \$3.35 | FLASH | 16 | 64 | 8 | | 64 | 120 | 40 | | ✓ | | | FW, APM | GPIO BOR POR WDT | 4 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 12 SMPS: 12 QE1: 1 IrDA | 4 - Input Capture 4 - Std. PWM | 1 A/D 16 x 10 - bit @2000ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ64GS606 | P | \$3.81 | FLASH | 16 | 64 | 9 | | 64 | 120 | 40 | 4 | ✓ | | 1-ECAN | FW, APM | GPIO BOR POR WDT | 4 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 12 SMPS: 12 QE1: 2 IrDA | 4 - Input Capture 4 - Std. PWM | 2 A/D 16 x 10 - bit @4000ksps 4 D/A 1 x 10 - bit @640ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|-------------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|-----|--------|----------|-----------------------------------|--------------------------|--|---|-----------------------------------|--|------------|--------------------------------------|
| DSPIC33FJ64GS608 | P | \$4.34 | FLASH | 16 | 64 | 9 | | 80 | 120 | 40 | 4 | 4 | | 1-ECAN | FW, APM | GPIO BOR POR WDT | 4 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: INTERMEDIATE JTAG: program/boundary scan MtrCntrl Ch.: 16 SMPS: 16 QEI: 2 IrDA | 4 - Input Capture 4 - Std. PWM | 2 A/D 18 x 10 - bit @400ksps 4 D/A 1 x 10 - bit @640ksps Bandgap: INTERNAL | 3V to 3.6V | 80/TQFP |
| DSPIC33FJ64GS610 | P | \$4.89 | FLASH | 16 | 64 | 9 | | 100 | 120 | 40 | 4 | 4 | | 1-ECAN | FW, APM | GPIO BOR POR WDT | 4 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: INTERMEDIATE JTAG: boundary scan MtrCntrl Ch.: 18 SMPS: 18 QEI: 2 IrDA | 4 - Input Capture 4 - Std. PWM | 2 A/D 24 x 10 - bit @400ksps 4 D/A 1 x 10 - bit @640ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ64MC202 | P | \$3.29 | FLASH | 16 | 64 | 8 | | 28 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 6 x 10 - bit @1100ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ64MC204 | P | \$3.39 | FLASH | 16 | 64 | 8 | | 44 | 80 | 40 | 2 | | | | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 9 x 10 - bit @1100ksps | 3V to 3.6V | 44/QFN 44/TQFP |
| DSPIC33FJ64MC506A | P | \$3.84 | FLASH | 16 | 64 | 8 | | 64 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 10 - bit @1100ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ64MC508A | P | \$4.14 | FLASH | 16 | 64 | 8 | | 80 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 16 x 10 - bit @1100ksps Bandgap: INTERNAL | 3V to 3.6V | 80/TQFP |
| DSPIC33FJ64MC510A | P | \$4.33 | FLASH | 16 | 64 | 8 | | 100 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 1 A/D 24 x 10 - bit @1ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ64MC706A | P | \$4.21 | FLASH | 16 | 64 | 16 | | 64 | 80 | 40 | | | | 1-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 16 x 10 - bit @1100ksps Bandgap: INTERNAL | 3V to 3.6V | 64/QFN 64/TQFP |
| DSPIC33FJ64MC710A | P | \$4.91 | FLASH | 16 | 64 | 16 | | 100 | 80 | 40 | | | | 2-ECAN | FW, APM | GPIO PBOR POR WDT | 9 x 16-bit 4 x 32-bit | 2 - UART 2 - SPI 2 - I2C | Code Guard: ADVANCED JTAG: boundary scan MtrCntrl Ch.: 8 QEI: 1 IrDA | 8 - Input Capture 8 - Std. PWM | 2 A/D 24 x 10 - bit @1ksps Bandgap: INTERNAL | 3V to 3.6V | 100/TQFP |
| DSPIC33FJ64MC802 | P | \$3.50 | FLASH | 16 | 64 | 16 | | 28 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 6 x 10 - bit @1100ksps | 3V to 3.6V | 28/QFN 28/SOIC 300MIL 28/SPDIP |
| DSPIC33FJ64MC804 | P | \$3.89 | FLASH | 16 | 64 | 16 | | 44 | 80 | 40 | 2 | | | 1-ECAN | FW, APM | RTCC PMP PBOR POR WDT | 5 x 16-bit 2 x 32-bit | 2 - UART 2 - SPI 1 - I2C PPS :YES | Code Guard: ADVANCED JTAG: program/boundary scan MtrCntrl Ch.: 8 QEI: 2 | 4 - Input Capture 4 - Std. PWM | 1 A/D 9 x 10 - bit @1100ksps 1 D/A 2 x 16 - bit @100ksps | 3V to 3.6V | 44/QFN 44/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|--------------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|------------------|-----|----------|------------------------------------|--------------------------|--------------------------------|---|-----------------------------------|---|--------------|----------------------|
| PIC32MX320F032H | P | \$3.09 | FLASH | 32 | 32 | 8 | | 64 | 40 | 40 | 2 | ✓ | | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @714ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX320F064H | P | \$3.36 | FLASH | 32 | 64 | 16 | | 64 | 80 | 80 | 2 | ✓ | | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX320F064H-40 | P | | FLASH | 32 | 64 | 16 | | 64 | 40 | 40 | 2 | ✓ | | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @714ksps Bandgap: INTERNAL | 2.3V to 3.6V | |
| PIC32MX320F128H | P | \$3.75 | FLASH | 32 | 128 | 16 | | 64 | 80 | 80 | 2 | ✓ | | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX320F128L | P | \$4.44 | FLASH | 32 | 128 | 16 | | 100 | 80 | 80 | 2 | ✓ | | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX340F128H | P | \$3.96 | FLASH | 32 | 128 | 32 | | 64 | 80 | 80 | 2 | | | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX340F128L | P | \$4.44 | FLASH | 32 | 128 | 32 | | 100 | 80 | 80 | 2 | | | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX340F256H | P | \$4.31 | FLASH | 32 | 256 | 32 | | 64 | 80 | 80 | 2 | ✓ | | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX340F512H | P | \$4.77 | FLASH | 32 | 512 | 32 | | 64 | 80 | 80 | 2 | | | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX360F256L | P | \$4.79 | FLASH | 32 | 256 | 32 | | 100 | 80 | 80 | 2 | ✓ | | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX360F512L | P | \$5.25 | FLASH | 32 | 512 | 32 | | 100 | 80 | 80 | 2 | ✓ | | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: YES | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX420F032H | P | \$3.36 | FLASH | 32 | 32 | 8 | | 64 | 40 | 40 | 2 | ✓ | 1-FS HOST/OTG | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 1 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @714ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|-----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|------------------|-------|----------|------------------------------------|--------------------------|--------------------------------|--|--------------------------------------|---|--------------|----------------------|
| PIC32MX440F128H | P | \$4.23 | FLASH | 32 | 128 | 32 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 1 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX440F128L | P | \$4.70 | FLASH | 32 | 128 | 32 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX440F256H | P | \$4.58 | FLASH | 32 | 256 | 32 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 1 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX440F512H | P | \$5.04 | FLASH | 32 | 512 | 32 | | 64 | 80 | 80 | 2 | | 1-FS HOST/OTG | | | RTCC PMP BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 1 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX460F256L | P | \$5.05 | FLASH | 32 | 256 | 32 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX460F512L | P | \$5.52 | FLASH | 32 | 512 | 32 | | 100 | 80 | 80 | 2 | | 1-FS HOST/OTG | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 1 x 32-bit | 2 - UART 2 - SPI 2 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX575F256H | P | \$4.96 | FLASH | 32 | 256 | 64 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 1-CAN | | RTCC PMP BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 3 - SPI 4 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX575F256L | P | \$5.43 | FLASH | 32 | 256 | 64 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 1-CAN | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 4 - SPI 5 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX575F512H | P | \$5.42 | FLASH | 32 | 512 | 64 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 1-CAN | | RTCC PMP BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 3 - SPI 4 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX575F512L | P | \$5.89 | FLASH | 32 | 512 | 64 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 1-CAN | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 4 - SPI 5 - I2C | JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX675F256H | P | \$5.19 | FLASH | 32 | 256 | 64 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 3 - SPI 4 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX675F256L | P | \$5.67 | FLASH | 32 | 256 | 64 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 4 - SPI 5 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |

| Product Family | Product Status | 5k Pricing | Memory Type | Architecture (Bits) | Flash (KBytes) | RAM (KBytes) | EEPROM | Pincount | CPU Speed (MHz) | CPU Speed (MIPS) | Comparators | LIN | USB | CAN | LowPower | System_Features | Timers | Digital_Communication | Application_Peripherals | Capture_Compare_PWM | Analog_Peripherals | Voltage | Package |
|-----------------|----------------|------------|-------------|---------------------|----------------|--------------|--------|----------|-----------------|------------------|-------------|-----|---------------|-------|----------|------------------------------------|--------------------------|--------------------------------|--|-----------------------------------|---|--------------|----------------------|
| PIC32MX675F512H | P | \$5.66 | FLASH | 32 | 512 | 64 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 3 - SPI 4 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX675F512L | P | \$6.13 | FLASH | 32 | 512 | 64 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 4 - SPI 5 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX695F512H | P | \$6.13 | FLASH | 32 | 512 | 128 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 3 - SPI 4 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX695F512L | P | \$6.61 | FLASH | 32 | 512 | 128 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 4 - SPI 5 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX775F256H | P | \$5.42 | FLASH | 32 | 256 | 64 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 2-CAN | | RTCC PMP BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 3 - SPI 4 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX775F256L | P | \$5.89 | FLASH | 32 | 256 | 64 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 2-CAN | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 4 - SPI 5 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX775F512H | P | \$5.88 | FLASH | 32 | 512 | 64 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 2-CAN | | RTCC PMP BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 3 - SPI 4 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX775F512L | P | \$6.36 | FLASH | 32 | 512 | 64 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 2-CAN | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 4 - SPI 5 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |
| PIC32MX795F512H | P | \$6.36 | FLASH | 32 | 512 | 128 | | 64 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 2-CAN | | RTCC PMP BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 3 - SPI 4 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 64/QFN 64/TQFP |
| PIC32MX795F512L | P | \$6.83 | FLASH | 32 | 512 | 128 | | 100 | 80 | 80 | 2 | ✔ | 1-FS HOST/OTG | 2-CAN | | RTCC PMP16 BOR POR WDT | 5 x 16-bit 2 x 32-bit | 6 - UART 4 - SPI 5 - I2C | Ethernet: 10/100 BASE-TX MAC JTAG: debug/program/boundary scan mTouch Ch.: 16 IrDA | 5 - Input Capture 5 - Std. PWM | 1 A/D 16 x 10 - bit @1000ksps Bandgap: INTERNAL | 2.3V to 3.6V | 100/TQFP 121/XBGA |

P = In Production
F = Future
LIN = Local Interconnect Network
USB = Universal Serial Bus
USB (Full Speed) = 12Mb/s Datarate
USB (FS Host/OTG) = Full speed Host/On-The-Go
CAN/ECAN = Controller Area Network/Enhanced Controller Area Network
LS = Low Sleep
FW = Fast Wake
APM = Active Power Management
XLP = nanoWatt XLP eXtreme Low Power Technology
POR = Power ON Reset
BOR/PBOR = Brown Out Reset/Programmable Brown Out Reset
WDT = Watch Dog Detect
RTCC = Real-Time Clock Calendar
PSP = Parallel Slave Port
PMP/PMP16 = Parallel Master Port (8-bit)/ Parallel Master Port (16-bit)
GPIO = General Purpose I/O
A/E/USART = AUSART: Addressable Universal Synchronous Asynchronous Receiver Transceiver, or
EUSART: Enhanced Universal Synchronous Asynchronous Receiver Transceiver, or
USART: Universal Synchronous Asynchronous Receiver Transceiver
SSP/MSSP = (Combined I2C & SPI Peripheral): Synchronous Serial Port/Master Synchronous Serial Port
MtrCntrl = Motor Control
mTouch = Proprietary Touch Sensing Technology
SMPS = Switch Mode Power Supplies
QEI = Quadrature Encoder Interface
IrDA = Infrared Data Association
CCP/ECCP = Capture compare PWM/Enhanced Capture Compare PWM