**dsPIC33FJ128GP706**

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| **Parameter Name** | **Value** |
|  Architecture |  16-bit |
|  CPU Speed (MIPS) |  40 |
|  Memory Type |  Flash |
|  Program Memory (KB) |  128 |
|  RAM Bytes |  16,384 |
|  Temperature Range C |  -40 to 85 |
|  Operating Voltage Range (V) |  3 to 3.6 |
|  I/O Pins |  53 |
|  Pin Count |  64 |
|  System Management Features |  PBOR |
|  Internal Oscillator |  7.37 MHz, 512 kHz |
|  nanoWatt Features |  Fast Wake/Fast Control |
|  Digital Communication Peripherals |  2-UART, 2-SPI, 2-I2C |
|  Analog Peripherals |  2-A/D 18x12-bit @ 500(ksps) |
|  CAN (#, type) |  2 ECAN |
|  Capture/Compare/PWM Peripherals |  8/8 |
|  16-bit PWM resolutions |  16 |
|  Timers |  9 x 16-bit 4 x 32-bit |
|  Parallel Port |  GPIO |
|  Hardware RTCC |  No |
|  DMA |  8 |