

PICmicro®微控制器产品

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储 器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较 器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|---|---------------------------------|---------------------------|--------------|-------------|----------------------|-----------|---------------|--------------|-----------------------|--------|-----------------|---------------------------------------|--|
| PIC10FXXX:500ns 指令周期,33 条指令, 25mA 灌拉电流 | | | | | | | | | | | | | |
| PIC10F200 | 384 StdFI (256) | — | 16 | 4 | 6OT,8P,8MC | — | — | — | 1-8Bit, 1-WDT | — | 4 | 4M 内部振荡器,ICD | MPLAB ICD2,PICSTART, MPLAB PM3,PICKit 2 |
| PIC10F202 | 768 StdFI (512) | — | 24 | 4 | 6OT,8P,8MC | — | — | — | 1-8Bit, 1-WDT | — | 4 | 4M 内部振荡器,ICD | MPLAB ICD2,PICSTART, MPLAB PM3,PICKit 2 |
| PIC10F204 | 384 StdFI (256) | — | 16 | 4 | 6OT,8P,8MC | — | 1 | — | 1-8Bit, 1-WDT | — | 4 | 4M 内部振荡器,ICD,带完全确定 Vref 的内部比较器 | MPLAB ICD2,PICSTART, MPLAB PM3,PICKit 2 |
| PIC10F206 | 768 StdFI (512) | — | 24 | 4 | 6OT,8P,8MC | — | 1 | — | 1-8Bit, 1-WDT | — | 4 | 4M 内部振荡器,ICD,带完全确定 Vref 的内部比较器 | MPLAB ICD2,PICSTART, MPLAB PM3,PICKit 2 |
| *PIC10F220 | 384 StdFI (256) | — | 16 | 4 | 6OT,8P,8MC | 2x8-bit | — | — | 1-8Bit, 1-WDT | — | 8 | 4M 内部振荡器,ICD,带完全确定 Vref 的内部比较器 | MPLAB ICD2,PICSTART, MPLAB PM3,PICKit 2 |
| *PIC10F222 | 768 StdFI (512) | — | 23 | 4 | 6OT,8P,8MC | 2x8-bit | — | — | 1-8Bit, 1-WDT | — | 8 | 4M 内部振荡器,ICD,带有完全确定 Vref 的内部比较器 | MPLAB ICD2,PICSTART, MPLAB PM3,PICKit 2 |
| PIC12FXXX: 500ns 指令周期, 33 条指令, 25mA 灌拉电流 | | | | | | | | | | | | | |
| PIC12F508 | 768 StdFI (512) | — | 25 | 6 | 8P,8SN,8MS,8MC | — | — | — | 1-8Bit, 1-WDT | — | 4 | 4M 内部振荡器,ICD | MPLAB ICE2000, MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC12F509 | 1536 StdFI (1024) | — | 41 | 6 | 8P,8SN,8MS,8MC | — | — | — | 1-8Bit, 1-WDT | — | 4 | 4M 内部振荡器,ICD | MPLAB ICE2000, MPLAB ICD2, PICSTART, PICKit 2,MPLAB PM3 |
| PIC12F510 | 1536 StdFI (1024) | — | 38 | 6 | 8P,8SN,8MS,8MC | 3x8-bit | 1 | — | 1-8Bit, 1-WDT | — | 8 | 8M 内部振荡器,ICD, 带有完全确定 Vref 的内部比较器和 ADC | MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F5XX: 100-200nS 指令周期, 33 条指令, 25mA 灌拉电流 | | | | | | | | | | | | | |
| PIC16F505 | 1,536 StdFI (1,024) | — | 72 | 12 | 14P, 14SL, 14ST | — | — | — | 1-8Bit, 1-WDT | — | 20 | 4M 内部振荡器, ICD | MPLAB ICE2000, MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F506 | 1,536 StdFI (1,024) | — | 67 | 12 | 14P,14SL, 14ST | 3x8-bit | 2 | — | 1-8Bit, 1-WDT | — | 20 | 8M 内部振荡器, ICD,带有完全确定 Vref 的内部比较器和 ADC | MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F54 | 768 StdFI (512) | — | 25 | 12 | 18P,18SO, 20SS | — | — | — | 1-8Bit, 1-WDT | — | 20 | | MPLAB ICE2000, MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F57 | 3,072 StdFI (2,048) | — | 72 | 20 | 28P,28SO,28SS,.,28SP | — | — | — | 1-8Bit, 1-WDT | — | 20 | | MPLAB ICE2000, MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F59 | 3,072 StdFI (2,048) | — | 134 | 32 | 40P,44PT | — | — | — | 1-8Bit, 1-WDT | — | 20 | | MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC12FXXX:200ns- 1us 指令周期, 35 条指令,ICSP™ | | | | | | | | | | | | | |
| PIC12F609 | 1,792 StdFI (1,024) | — | 64 | 6 | 8P,8SN,8M,8MS | — | 1 | — | 1-16Bit,1-8Bit, 1-WDT | — | 20 | 8M 内部振荡器,ICD | MPLAB ICE2000,MPLAB ICD2, MPLAB PM3 |
| PIC12HV609 | 1,792 StdFI (1,024) | — | 64 | 6 | 8P,8SN,8M,8MS | — | 1 | — | 1-16Bit,1-8Bit, 1-WDT | — | 20 | 8M 内部振荡器,ICD,带有内部调整器支持高电压 | MPLAB ICE2000,MPLAB ICD2, MPLAB PM3 |
| PIC12F615 | 1,792 StdFI (1,024) | — | 64 | 6 | 8P,8SN,8M,8MS | 4x10-bit | 1 | 1 | 1-16Bit,2-8Bit, 1-WDT | — | 20 | 8M 内部振荡器,ICD | MPLAB ICE2000,MPLAB ICD2, PICKit 2,MPLAB PM3 |

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|---|---------------------------------|---------------------------|--------------|-------------|------------------------------|-----------|---------------|--------------|---------------------------|-----------------------------|-----------------|-------------------------------------|---|
| PIC12FXXX: 1us 指令周期, 35 条指令, ICSP™ (cont.) | | | | | | | | | | | | | |
| PIC12HV615 | 1,792 StdFI (1,024) | — | 64 | 6 | 8P,8SN,8M,8MS | 4x10-bit | 1 | 1 | 1-16Bit,2-8Bit, 1-WDT | — | 20 | 8M 内部振荡器,ICD,带有内部调整器支持高电压 | MPLAB ICE2000,MPLAB ICD2, PICKit 2,MPLAB PM3 |
| PIC12F629 | 1,792 StdFI (1,024) | 128 | 64 | 6 | 8P,8SN,8MD | — | 1 | — | 1-16Bit,1-8Bit, 1-WDT | — | 20 | 4M 内部振荡器,ICD | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC12F635 | 1,792StdFI (1,024) | 128 | 64 | 6 | 8P,8SN,8MD | — | 1 | — | 1-16Bit,1-8Bit, 1-WDT | — | 20 | 8M/32k 内部振荡器,ICD,nW,KEELOQ 外围 硬件 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2, MPLAB PM3 |
| PIC12F675 | 1,792 StdFI (1,024) | 128 | 64 | 6 | 8P,8SN,8MD | 4x10bit | 1 | — | 1-16Bit,1-8Bit, 1-WDT | — | 20 | 4M 内部振荡器,ICD | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC12F683 | 3,584 StdFI (2,048) | 256 | 128 | 6 | 8P,8SN,8MD | 4x10-bit | 1 | 1 | 1-16Bit,2-8Bit, 1-WDT | — | 20 | 8M/32k 内部振荡器,ICD,nW | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16CXXX: 100- 200ns 指令周期, 35 条指令, ICSP™(除了 ROM), 25mA 灌拉电流 | | | | | | | | | | | | | |
| PIC16C432 | 3,584 OTP (2,048) | — | 128 | 12 | 20SS, 20P, 20JW | — | 2 | — | 1-8Bit,1-WDT | LIN | 20 | LIN XCVR,18V/40mA | MPLAB ICE2000, MPLAB PM3 |
| PIC16C433 | 3,584 OTP (2,048) | — | 128 | 6 | 18SO, 18P,18JW | 4x8-bit | — | — | 1-8Bit,1-WDT | LIN | 10 | 4M 内部振荡器, LIN XCVR,18V/40mA | MPLAB ICE2000, MPLAB PM3 |
| PIC16C554 | 896 OTP (512) | — | 80 | 13 | 18P,18SO, 18JW, 20SS | — | — | — | 1-8Bit,1-WDT | — | 20 | | MPLAB ICE2000,PICSTART, MPLAB PM3 |
| PIC16C558 | 3,584 OTP (2,048) | — | 128 | 13 | 18P,18SO, ,18JW 20SS | — | — | — | 1-8Bit,1-WDT | — | 20 | | MPLAB ICE2000,PICSTART, MPLAB PM3 |
| PIC16C62B | 3,584 OTP (2,048) | — | 128 | 22 | 28SP,28SO,28SS,28JW, 28ML | — | — | 1 | 1-16Bit, 2-8Bit, 1-WDT | I ² C /SPI | 20 | | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| PIC16C620A | 896 OTP (512) | — | 96 | 13 | 18P,18SO,18JW, 20SS | — | 2 | — | 1-8Bit,1-WDT | — | 40 | | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| PIC16C621A | 1,792 OTP (1,024) | — | 96 | 13 | 18P,18SO, 18JW ,20SS | — | 2 | — | 1-8Bit,1-WDT | — | 40 | | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| PIC16C622A | 3,584 OTP (2,048) | — | 128 | 13 | 18P,18SO,18JW, 20SS | — | 2 | — | 1-8Bit,1-WDT | — | 40 | | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| PIC16C63A | 7,168 OTP (4,096) | — | 192 | 22 | 28ML,28SP,28SO,28SS, 28JW | — | — | 2 | 2-8Bit,1-16Bit, 1-WDT | USART, I ² C/SPI | 20 | | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| PIC16C65B | 7,168 OTP (4,096) | — | 192 | 33 | 40P,40JW,44L,44PQ, 44PT | — | — | 2 | 2-8Bit,1-16Bit, 1-WDT | USART, I ² C/SPI | 20 | PSP | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| PIC16C717 | 3,584 OTP (2,048) | — | 256 | 16 | 18P,18SO, 20SS,18JW | 6x10-bit | — | 1 | 2-8Bit,1-16Bit, 1-WDT | MI ² C/SPI | 20 | 4M 内部振荡器 | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| PIC16C745 | 14,336 OTP (8,192) | — | 256 | 22 | 28SP,28SO, 28JW | 5x8-bit | — | 2 | 2-8Bit,1-16Bit, 1-WDT | USART, 低速 USB | 24 | USB1.1,64 字节双端口 RAM | MPLAB ICE2000,PICSTART, MPLAB PM3 |
| PIC16C765 | 14,336 OTP (8,192) | — | 256 | 33 | 40P,40JW,44L,44PT | 8x8-bit | — | 2 | 2-8Bit,1-16Bit, 1-WDT | USART,低速 USB | 24 | USB1.1,64 字节双端口 RAM,PSP | MPLAB ICE2000,PICSTART, MPLAB PM3 |
| PIC16C770 | 3,584 OTP (2,048) | — | 256 | 16 | 20P,20SO,20SS,20JW | 6x12-bit | — | 1 | 2-8Bit,1-16Bit, 1-WDT | MI ² C/SPI | 20 | 4M 内部振荡器 | MPLAB ICE2000,PICSTART, MPLAB PM3 |

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|--|---------------------------------|---------------------------|--------------|-------------|----------------------------|-----------|---------------|--------------|---------------------------|-----------------|-----------------|---|--|
| PIC16CXXX: 100- 200ns 指令周期, 35 条指令, ICSP™(除了 ROM), 25mA 灌拉电流(cont.) | | | | | | | | | | | | | |
| PIC16C771 | 7,168 OTP (4,096) | — | 256 | 16 | 20P,20SO,20SS,20JW | 6x12-bit | — | 1 | 2-8Bit,1-16Bit, 1-WDT | Mi²C/SPI | 20 | 4M 内部振荡器 | MPLAB ICE2000,PICSTART, MPLAB PM3 |
| PIC16C773 | 7,168 OTP (4,096) | — | 256 | 22 | 28SP,28SO,28SS,28JW | 6x12-bit | — | 2 | 2-8Bit,1-16Bit, 1-WDT | AUSART,Mi²C/SPI | 20 | | MPLAB ICE2000,PICSTART, MPLAB PM3 |
| PIC16C774 | 7,168 OTP (4,096) | — | 256 | 33 | 40P,40JW,44L,44PQ, 44PT | 10x12-bit | — | 2 | 2-8Bit,1-16Bit, 1-WDT | AUSART,Mi²C/SPI | 20 | PSP | MPLAB ICE2000,PICSTART, MPLAB PM3 |
| PIC16C781 | 1,792 OTP (1,024) | — | 128 | 16 | 20P,20SO,20SS,20JW | 8x8-bit | 2 | — | 2-8Bit,1-16Bit, 1-WDT | — | 20 | 4M 内部振荡器,运放, PSMC,DAC | MPLAB ICE2000,PICSTART, MPLAB PM3 |
| PIC16C782 | 3,584 OTP (2,048) | — | 128 | 16 | 20P,20SO,20SS,20JW | 8x8-bit | 2 | — | 2-8Bit,1-16Bit, 1-WDT | — | 20 | 4M 内部振荡器,运放, PSMC,DAC | MPLAB ICE2000,PICSTART, MPLAB PM3 |
| PIC16FXXX: 200ns 指令周期, 35 条指令, ICSP™(除了 ROM), 25mA 灌拉电流 | | | | | | | | | | | | | |
| PIC16F610 | 1,792 StdFI (1,024) | — | 72 | 12 | 14P,14SL,14ST,16ML | — | 2 | | 1-16bit,2-8bit, 1-WDT | — | 20 | 8M 内部振荡器,ICD, SR-锁存 | MPLAB ICD2, MPLAB PM3 |
| PIC16HV610 | 1,792 StdFI (1,024) | — | 72 | 12 | 14P,14SL,14ST,16ML | — | 2 | | 1-16bit,2-8bit, 1-WDT | — | 20 | 8M 内部振荡器,ICD, 带有内部高电压调整 器, SR-锁存 | MPLAB ICD2, MPLAB PM3 |
| PIC16F616 | 3,584 StdFI (2,048) | — | 128 | 12 | 14P,14SL,14ST,16ML | 8x10-bit | 2 | 1 | 1-16bit,2-8bit, 1-WDT | — | 20 | 8M 内部振荡器,ICD, SR-锁存 | MPLAB ICD2, PICKit 2,MPLAB PM3 |
| PIC16HV616 | 3,584 StdFI (2,048) | — | 128 | 12 | 14P,14SL,14ST,16ML | 8x10-bit | 2 | 1 | 1-16bit,2-8bit, 1-WDT | — | 20 | 8M 内部振荡器,ICD, 带有内部高电压调整 器, SR-锁存 | MPLAB ICD2, PICKit 2,MPLAB PM3 |
| PIC16F627A | 1,792 StdFI (1,024) | 128 | 224 | 16 | 18P,18SO,20SS,28ML | — | 2 | 1 | 1-16bit,2-8bit, 1-WDT | AUSART | 20 | 4M 内部振荡器, ICD,nW | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F628A | 3,584 StdFI (2,048) | 128 | 224 | 16 | 18P,18SO,20SS,28ML | — | 2 | 1 | 1-16bit,2-8bit, 1-WDT | AUSART | 20 | 4M 内部振荡器, ICD,nW | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F648A | 7,168 StdFI (4,096) | 256 | 256 | 16 | 18P,18SO,20SS,28ML | — | 2 | 1 | 1-16bit,2-8bit, 1-WDT | AUSART | 20 | 4M 内部振荡器, ICD,nW | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F630 | 1,792 StdFI (1,024) | 128 | 64 | 12 | 14P,14SL,14ST,16ML | — | 1 | — | 1-16bit,1-8bit, 1-WDT | — | 20 | 4M 内部振荡器,ICD | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F631 | 1,792 StdFI (1,024) | 128 | 64 | 18 | 20P,20SO,20SS,20ML | — | 2 | — | 1-16bit,1-8bit, 1-WDT | — | 20 | 8M/32k 内部振荡器,ICD,nW,SR-锁存 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F636 | 3,584 StdFI (2,048) | 256 | 128 | 12 | 14P,14SL,14ST,16ML | — | 2 | — | 1-16bit,1-8bit, 1-WDT | — | 20 | 8M/32k 内部振荡器,ICD,nW, KEELOQ 外围 硬件 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F639 | 3,584 StdFI (2,048) | 256 | 128 | 12 | 20SS | — | 2 | — | 1-16bit,1-8bit, 1-WDT | — | 20 | 8M/32K 内部振荡器,nW ,ICD,模拟 KEELOQ®收发器终端 | MPLAB ICE2000,MPLAB ICD2, PICSTART MPLAB PM3 |
| PIC16F676 | 1,792 StdFI (1,024) | 128 | 64 | 12 | 14P,14SL,14ST,16ML | 8x10-bit | 1 | — | 1-16bit,1-8bit, 1-WDT | — | 20 | 4M 内部振荡器,ICD | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F677 | 3,584 StdFI (2,048) | 256 | 128 | 18 | 20P,20SO,20SS,20ML | 12x10-bit | 2 | — | 1-16bit,1-8bit, 1-WDT | I²C/SPI | 20 | 8M/32k 内部振荡器,ICD,Nw,SR 锁存 | MPLAB ICE2000,MPLAB ICD2, PICKit 2,PICSTART,MPLAB PM3 |
| PIC16F684 | 3,584 StdFI (2,048) | 256 | 128 | 12 | 14P,14SL,14ST,16ML | 8x10-bit | 2 | 1 | 1-16bit,2-8bit, 1-WDT | — | 20 | 8M/32K 内部振荡器,ICD,nW, | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F685 | 7,168 StdFI (4,096) | 256 | 256 | 18 | 20P, 20SO, 20SS,20ML | 12x10-bit | 2 | 1 | 1-16bit, 2-8bit, 1-WDT | — | 20 | 8M/32k 内部振荡器, ICD, nW,SR-锁存 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |

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|---|---------------------------------|--------------------------|--------------|-------------|------------------------|-----------|-----------|--------------|-----------------------------|-------------------------------|-----------------|--|---|
| PIC16FXXX: 200ns 指令周期, 35 条指令, ICSP™ (除了 ROM), 25mA 灌拉电流 (cont.) | | | | | | | | | | | | | |
| PIC16F687 | 3,584 StdFI (2,048) | 256 | 128 | 18 | 20P, 20SO, 20SS, 20ML | 12x10-bit | 2 | — | 1-16 bit, 1-8bit, 1-WDT | EUSART, I ² C/SPI | 20 | 8M/32k 内部振荡器, ICD, nW, SR-锁存 | MPLAB ICE2000, MPLAB ICD2, PICSTART, PICKit 2, MPLAB PM3 |
| PIC16F688 | 7,168 StdFI (4,096) | 256 | 256 | 12 | 14P, 14SL, 14ST, 16ML | 8x10-bit | 2 | — | 1-16bit, 1-8bit, 1-WDT | EUSART | 20 | 8M/32k 内部振荡器, ICD, nW | MPLAB ICE2000, MPLAB ICD2, PICSTART, PICKit 2, MPLAB PM3 |
| PIC16F689 | 7,168 StdFI (4,096) | 256 | 256 | 18 | 20P, 20SO, 20SS, 20ML | 12x10-bit | 2 | — | 1-16 bit, 1-8 bit, 1-WDT | EUSART, I ² C/SPI | 20 | 8M/32k 内部振荡器, ICD, nW, SR-锁存 | MPLAB ICE2000, MPLAB ICD2, PICSTART, PICKit 2, MPLAB PM3 |
| PIC16F690 | 7,168 StdFI (4,096) | 256 | 256 | 18 | 20P, 20SO, 20SS, 20ML | 12x10-bit | 2 | 1 | 1-16 bit, 2-8 bit, 1-WDT | EUSART, I ² C/SPI | 20 | 8M/32k 内部振荡器, ICD, nW, SR-锁存 | MPLAB ICE2000, MPLAB ICD2, PICSTART, PICKit 2, MPLAB PM3 |
| PIC16F716 | 3,584 StdFI (2,048) | — | 128 | 13 | 18P, 18SO, 20SS | 4x8-bit | — | 1 | 1-16bit, 2-8bit, 1-WDT | — | 20 | I/O 有 25mA 的灌拉电流, ICD | MPLAB ICE2000, MPLAB ICD2, PICSTART, MPLAB PM3 |
| PIC16F72 | 3,584 StdFI (2,048) | — | 128 | 22 | 28SP, 28SO, 28SS, 28ML | 5x8-bit | — | 1 | 1-16bit, 2-8bit, 1-WDT | I ² C/SPI | 20 | — | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| *PIC16F722 | 3,584 StdFI (2,048) | — | 128 | 25 | 28SP, 28SO, 28SS, 28ML | 11x8-bit | — | 1 | 1-16bit, 2-8bit, 1-WDT | USART, I ² C/SPI | 20 | 16M 内部振荡器, ICD, 1.8V-2.5V 程序存储器 读操作 | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| *PIC16F723 | 7,168 StdFI (4,096) | — | 192 | 25 | 28SP, 28SO, 28SS, 28ML | 11x8-bit | — | 2 | 1-16bit, 2-8bit, 1-WDT | USART, I ² C/SPI | 20 | 16M 内部振荡器, ICD, 1.8V-2.5V 程序存储器 读操作 | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| *PIC16F724 | 7,168 StdFI (4,096) | — | 192 | 25 | 40P, 44ML, 44PT | 14x8-bit | — | 2 | 1-16bit, 2-8bit, 1-WDT | USART, I ² C/SPI | 20 | 16M 内部振荡器, ICD, 1.8V-2.5V 程序存储器 读操作 | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| *PIC16F726 | 14,336 StdFI (8,192) | — | 368 | 25 | 28SP, 28SO, 28SS, 28ML | 11x8-bit | — | 2 | 1-16bit, 2-8bit, 1-WDT | USART, I ² C/SPI | 20 | 16M 内部振荡器, ICD, 1.8V-2.5V 程序存储器 读操作 | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| *PIC16F727 | 14,336 StdFI (8,192) | — | 368 | 36 | 40P, 44ML, 44PT | 14x8-bit | — | 2 | 1-16bit, 2-8bit, 1-WDT | USART, I ² C/SPI | 20 | 16M 内部振荡器, ICD, 1.8V-2.5V 程序存储器 读操作 | MPLAB ICE2000, PICSTART, MPLAB PM3 |
| PIC16F73 | 7,168 StdFI (4,096) | — | 192 | 22 | 28SP, 28SO, 28SS, 28ML | 5x8-bit | — | 2 | 1-16bit, 2-8bit, 1-WDT | USART, I ² C/SPI | 20 | — | MPLAB ICE2000, MPLAB ICD2, PICSTART, PICKit 2, MPLAB PM3 |
| PIC16F737 | 7,168 StdFI (4,096) | — | 368 | 25 | 28SP, 28SO, 28SS, 28ML | 11x10-bit | 2 | 3 | 1-16bit, 2-8bit, 1-WDT | AUSART, MI ² C/SPI | 20 | 8M 内部振荡器, ICD, nW | MPLAB ICE2000, MPLAB ICD2, PICKit 2, PICSTART, MPLAB PM3 |
| PIC16F74 | 7,168 StdFI (4,096) | — | 192 | 33 | 40P, 44ML, 44L, 44PT | 8x8-bit | — | 2 | 1-16bit, 2-8bit, 1-WDT | USART, I ² C/SPI | 20 | PSP | MPLAB ICE2000, MPLAB ICD2, PICSTART, PICKit 2, MPLAB PM3 |
| PIC16F747 | 7,168 StdFI (4,096) | — | 368 | 36 | 40P, 44ML, 44PT | 14x10-bit | 2 | 3 | 1-16bit, 2-8bit, 1-WDT | AUSART, MI ² C/SPI | 20 | 8M 内部振荡器, ICD, nW, PSP | MPLAB ICE2000, MPLAB ICD2, PICKit 2, PICSTART, MPLAB PM3 |
| PIC16F76 | 14,336 StdFI (8,192) | — | 368 | 22 | 28SP, 28SO, 28SS, 28ML | 5x8-bit | — | 2 | 1-16bit, 2-8bit, 1-WDT | USART, I ² C/SPI | 20 | — | MPLAB ICE2000, MPLAB ICD2, PICSTART, PICKit 2, MPLAB PM3 |
| PIC16F767 | 14,336 StdFI (8,192) | — | 368 | 25 | 28SP, 28SO, 28SS, 28ML | 11x10-bit | 2 | 3 | 1-16bit, 2-8bit, 1-WDT | AUSART, MI ² C/SPI | 20 | 8M 内部振荡器, ICD, nW | MPLAB ICE2000, MPLAB ICD2, PICKit 2, PICSTART, MPLAB PM3 |
| PIC16F77 | 14,336 StdFI (8,192) | — | 368 | 33 | 40P, 44ML, 44L, 44PT | 8x8-bit | — | 2 | 1-16bit, 2-8bit, 1-WDT | USART, I ² C/SPI | 20 | PSP | MPLAB ICE2000, MPLAB ICD2, PICSTART, PICKit 2, MPLAB PM3 |
| PIC16F777 | 14,336 StdFI (8,192) | — | 368 | 36 | 40P, 44ML, 44PT | 14x10-bit | 2 | 3 | 1-16bit, 2-8bit, 1-WDT | AUSART, MI ² C/SPI | 20 | 8M 内部振荡器, ICD, nW, PSP | MPLAB ICE2000, MPLAB ICD2, PICSTART, MPLAB PM3 |

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储 器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较 器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|--|---------------------------------|---------------------------|--------------|-------------|--------------------------|-----------|---------------|--------------|---------------------------|------------------|-----------------|--|--|
| PIC16FXXX: 200ns 指令周期, 35 条指令, ICSP™(除了 ROM), 25mA 灌拉电流(cont.) | | | | | | | | | | | | | |
| PIC16F785 | 3,584 StdFI (2,048) | 256 | 128 | 18 | 20P, 20SO, 20SS,20ML | 12x10-bit | 2 | 1 | 1-16bit, 2-8bit, 1-WDT | — | 20 | 8M/32k 内部振荡器,2 相 PWM,2 运放, VREF,nW | MPLAB ICE2000,MPLAB ICD2, PICKit 2,MPLAB PM3 |
| PIC16HV785 | 3,584 StdFI (2,048) | 256 | 128 | 18 | 20P, 20SO, 20SS,20ML | 12x10-bit | 2 | 1 | 1-16bit, 2-8bit, 1-WDT | — | 20 | 8M/32k 内部振荡器,2 相 PWM,2 运放, VREF, 带有内部高电压调整器, nW | MPLAB ICE2000,MPLAB ICD2, PICKit 2,MPLAB PM3 |
| PIC16F818 | 1,792 EnhFI (1,024) | 128 | 128 | 16 | 18P,18SO, 20SS,28ML | 5x10-bit | — | 1 | 1-16bit,2-8 bit, 1-WDT | I²C/SPI | 20 | 8M 内部振荡器,ICD, nW,自编程 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F819 | 3,584 EnhFI (2,048) | 256 | 256 | 16 | 18P,18SO, 20SS,28ML | 5x10-bit | — | 1 | 1-16bit,2-8bit, 1-WDT | I²C/SPI | 20 | 8M 内部振荡器,ICD, nW,自编程 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F84A | 1,792 StdFI (1,024) | 64 | 68 | 13 | 18P,18SO, 20SS | — | — | — | 1-8 bit,1-WDT | — | 20 | — | MPLAB ICE2000,MPLAB ICD2, PICSTART, PM3 |
| PIC16F87 | 7,168 EnhFI (4,096) | 256 | 368 | 16 | 18P,18SO, 20SS,28ML | — | 2 | 1 | 1-16bit,2-8bit, 1-WDT | AUSART, I²C/SPI | 20 | 8M 内部振荡器,ICD, nW,自编程 | MPLAB ICE2000,MPLAB ICD2, PICKit 2,PICSTART, PM3 |
| PIC16F870 | 3,584 EnhFI (2,048) | 64 | 128 | 22 | 28SP,28SO,28SS | 5x10-bit | — | 1 | 1-16bit,2-8bit, 1-WDT | AUSART | 20 | ICD | MPLAB ICE2000,MPLAB ICD2, PICSTART,PM3 |
| PIC16F871 | 3,584 EnhFI (2,048) | 64 | 128 | 33 | 40P,44L, 44PT | 8x10-bit | — | 1 | 1-16bit,2-8bit, 1-WDT | AUSART | 20 | ICD,PSP | MPLAB ICE2000,MPLAB ICD2, PICSTART, PM3 |
| PIC16F873A | 7,168 EnhFI (4,096) | 128 | 192 | 22 | 28SP,28SO,28SS,28ML | 5x10-bit | 2 | 2 | 1-16bit,2-8bit, 1-WDT | AUSART,Mi²C/SPI | 20 | ICD | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F874A | 7,168 EnhFI (4,096) | 128 | 192 | 33 | 40P,44L, 44PT,44ML | 8x10-bit | 2 | 2 | 1-16bit,2-8bit, 1-WDT | AUSART,Mi²C/SPI | 20 | ICD,PSP | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F876A | 14,336 EnhFI (8,192) | 256 | 368 | 22 | 28SP,28SO,28SS,28ML | 5x10-bit | 2 | 2 | 1-16bit,2-8bit, 1-WDT | AUSART,Mi²C/SPI | 20 | ICD | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F877A | 14,336 EnhFI (8,192) | 256 | 368 | 33 | 40P,44ML, 44PT,44L | 8x10-bit | 2 | 2 | 1-16bit,2-8bit, 1-WDT | AUSART,Mi²C/SPI | 20 | ICD,PSP | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F88 | 7,168 EnhFI (4,096) | 256 | 368 | 16 | 18P,18SO, 20SS,28ML | 7x10-bit | 2 | 1 | 1-16bit,2-8bit, 1-WDT | AUSART, I²C/SPI | 20 | 8M 内部振荡器,ICD,nW | MPLAB ICE2000,MPLAB ICD2, PICKit 2,PICSTART,MPLAB PM3 |
| *PIC16F882 | 3,584 EnhFI (2,048) | 128 | 128 | 25 | 28SP, 28SO,28SS, 28ML | 11x10-bit | 2 | 2 | 1-16 bit,2-8bit, 1-WDT | EUSART, Mi²C/SPI | 20 | 8M/32k 内部振荡器,SR-锁存, ICD,nW | MPLAB ICE2000,MPLAB ICD2, PICSTART, MPLAB PM3 |
| PIC16F883 | 7,168 EnhFI (4,096) | 256 | 256 | 25 | 28SP, 28SO,28SS, 28ML | 11x10-bit | 2 | 2 | 1-16 bit,2-8bit, 1-WDT | EUSART, Mi²C/SPI | 20 | 8M/32k 内部振荡器,SR-锁存, ICD,nW | MPLAB ICE2000,MPLAB ICD2, PICSTART, MPLAB PM3 |
| PIC16F884 | 7,168 EnhFI (4,096) | 256 | 256 | 36 | 40P, 44PT,44ML | 14x10-bit | 2 | 2 | 1-16 bit,2-8bit, 1-WDT | EUSART, Mi²C/SPI | 20 | 8M/32k 内部振荡器,SR-锁存, ICD,nW | MPLAB ICE2000,MPLAB ICD2, PICSTART, MPLAB PM3 |
| PIC16F886 | 14,336 EnhFI (8,192) | 256 | 368 | 25 | 28SP, 28SO,28SS, 28ML | 11x10-bit | 2 | 2 | 1-16 bit,2-8bit, 1-WDT | EUSART, Mi²C/SPI | 20 | 8M/32k 内部振荡器,SR-锁存, ICD,nW | MPLAB ICE2000,MPLAB ICD2, PICSTART, MPLAB PM3 |
| PIC16F887 | 14,336 EnhFI (8,192) | 256 | 368 | 36 | 40P, 44PT,44ML | 14x10-bit | 2 | 2 | 1-16 bit,2-8bit, 1-WDT | EUSART, Mi²C/SPI | 20 | 8M/32k 内部振荡器,SR-锁存, ICD,nW | MPLAB ICE2000,MPLAB ICD2, PICSTART, MPLAB PM3 |
| PIC16F913 | 7,168 StdFI (4,096) | 256 | 256 | 25 | 28P, 28SO,28SS, 28ML | 5x10-bit | 2 | 1 | 1-16bit,2-8bit, 1-WDT | AUSART, I²C/SPI | 20 | 8M/32k 内部振荡器,内部 LCD 控制模块: 60 段 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|---|---------------------------------|--------------------------|--------------|-------------|----------------------|-----------------------|-----------|--------------|---------------------------|-----------------------------|-----------------|---|---|
| PIC16FXXX: 200ns 指令周期, 35 条指令, ICSP™(除了 ROM), 25mA 灌拉电流(cont.) | | | | | | | | | | | | | |
| PIC16F914 | 7,168 StdFI (4,096) | 256 | 256 | 36 | 40P, 44PT,44ML | 8x10-bit | 2 | 2 | 1-16bit,2-8bit, 1-WDT | AUSART, I²C/SPI | 20 | 8M/32k 内部振荡器,内部 LCD 控制模块: 96 段 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F916 | 14,336 StdFI (8,192) | 256 | 352 | 25 | 28P, 28SO,28SS, 28ML | 5x10-bit | 2 | 1 | 1-16bit,2-8bit, 1-WDT | AUSART, I²C/SPI | 20 | 8M/32k 内部振荡器,内部 LCD 控制模块: 60 段 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F917 | 14,336 StdFI (8,192) | 256 | 352 | 36 | 40P, 44PT,44ML | 8x10-bit | 2 | 2 | 1-16bit,2-8bit, 1-WDT | AUSART, I²C/SPI | 20 | 8M/32k 内部振荡器,内部 LCD 控制模块: 96 段 | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC16F946 | 14,336 StdFI (8,192) | 256 | 336 | 53 | 64PT | 8x10-bit | 2 | 2 | 1-16bit,2-8bit, 1-WDT | AUSART, I²C/SPI | 20 | 8M/32k 内部振荡器,内部 LCD 控制模块: 168 段, nW | MPLAB ICE2000,MPLAB ICD2,PICSTART, PICKit 2,MPLAB PM3 |
| PIC18FXXX Flash MCUs:10MIPS,VDD=2.0-5.5V,向上与 PIC16 兼容,77 条指令,高效的 C 编译器 | | | | | | | | | | | | | |
| PIC18F1220 | 4,096 EnhFI (2,048) | 256 | 256 | 16 | 18P,18SO, 20SS,28ML | 7x10-bit 30 ksps | — | 1 | 3-16Bit,1-8Bit, 1-WDT | EUSART | 40 | 8M/32k 内部振荡器,ICD,nW | MPLAB ICE4000,MPLAB ICE2000, MPLAB ICD2, PICKit2, PM3,PICSTART |
| *PIC18F1230 | 4,096 EnhFI (2,048) | 128 | 256 | 16 | 18P,18SO, 20SS,28ML | 4x10-bit 100 ksps | 3 | — | 2-16Bit,1-WDT | EUSART | 40 | 8M/32k 内部振荡器,ICD, nW, 6 通道 14 位电 机控制 PWM | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2,PM3,PICSTART |
| PIC18F1320 | 8,192 EnhFI (4,096) | 256 | 256 | 16 | 18P,18SO, 20SS,28ML | 7x10-bit 30 ksps | — | 1 | 3-16Bit,1-8Bit, 1-WDT | EUSART | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| *PIC18F1330 | 8,192 EnhFI (4,096) | 128 | 256 | 16 | 18P,18SO, 20SS,28ML | 4x10-bit 100 ksps | 3 | — | 2-16Bit,1-WDT | EUSART | 40 | 8M/32k 内部振荡器,ICD, nW, 6 通道 14 位电 机控制 PWM | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2,PM3,PICSTART |
| PIC18F2220 | 4,096 EnhFI (2,048) | 256 | 512 | 25 | 28SP,28SO | 10x10-bit 30 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | AUSART,Mi²C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2221 | 4,096 EnhFI (2,048) | 256 | 512 | 25 | 28SP,28SO,28SS,28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16 bit,1-8bit, 1-WDT | EUSART,Mi²C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2320 | 8,192 EnhFI (4,096) | 256 | 512 | 25 | 28SP,28SO | 10x10-bit 30 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | AUSART,Mi²C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2321 | 8,192 EnhFI (4,096) | 256 | 512 | 25 | 28SP,28SO,28SS,28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi²C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2331 | 8,192 EnhFI (4,096) | 256 | 768 | 24 | 28SP,28SO,28MM | 5x10-bit 200 ksps | — | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, I²C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW,马达控制 PWM,2 个积分编码器接口 | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2,PM3,PICSTART |
| PIC18F2410 | 16,384 StdFI (8,192) | — | 768 | 25 | 28SP,28SO,28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, Mi²C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2420 | 16,384 EnhFI (8,192) | 256 | 768 | 25 | 28SP,28SO,28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi²C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2423 | 16,384 EnhFI (8,192) | 256 | 768 | 25 | 28SP,28SO,28ML | 10x12-bit 80 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi²C/SPI | 32 | 8M/32k 内部振荡器,ICD, nW, | MPLAB ICE2000,MPLAB ICD2 |
| PIC18F2431 | 16,384 EnhFI (8,192) | 256 | 768 | 24 | 28SP,28SO,28MM | 5x10-bit 200 ksps | — | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, I²C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW,马达控制 PWM,2 个积分编码器接口 | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2,PM3,PICSTART |
| PIC18F2450 | 16,384 EnhFI (8,192) | — | 768 | 23 | 28SP,28SO,28ML | 10x10-bit 100 ksps | | 1 | 2-16Bit,1-8Bit, 1-WDT | USB2.0,AUSART | 48 | 全速 USB2.0,ICD, nW, 8M/32k 内部振荡器 | MPLAB ICE2000 MPLAB ICD2,PM3,PICSTART |
| PIC18F2455 | 24,576 EnhFI (12,288) | 256 | 2048 | 23 | 28SP,28SO | 11x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | USB2.0,EUSART, Mi²C /SPI | 48 | 全速 USB2.0,ICD, nW, 8M/32k 内部振荡器 | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储 器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较 器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|---|---------------------------------|---------------------------|--------------|-------------|-----------------|-----------------------|---------------|--------------|---------------------------|---|-----------------|--|--|
| PIC18FXXX Flash MCUs:10MIPS,VDD=2.0-5.5V,向上与 PIC16 兼容,77 条指令,高效的 C 编译器(cont.) | | | | | | | | | | | | | |
| PIC18F2480 | 16,384 EnhFI (8,192) | 256 | 768 | 25 | 28SP,28SO,28ML | 8x10-bit 100 ksps | — | 1 | 3-16Bit,1-8Bit, 1-WDT | CAN 2.0B,EUSART, MI ² C/SPI | 40 | 全速 CAN2.0B, ICD, nW, 8M/32k 内部振荡器 | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2510 | 32,768 StdFI (16,384) | — | 1536 | 25 | 28SP,28SO,28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2515 | 49,152 StdFI (24,576) | — | 3968 | 25 | 28SP,28SO | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2,PM3,PICSTART |
| PIC18F2520 | 32,768 EnhFI (16,384) | 256 | 1536 | 25 | 28SP,28SO,28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2523 | 32,768 EnhFI (16,384) | 256 | 1536 | 25 | 28SP,28SO,28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,MI ² C/SPI | 32 | 8M/32k 内部振荡器, nW,ICD, | MPLAB ICD2,MPLAB PM3 |
| PIC18F2525 | 49,152 EnhFI (24,576) | 1024 | 3968 | 25 | 28SP,28SO | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2550 | 32,768 EnhFI (16,384) | 256 | 2048 | 23 | 28SP,28SO | 11x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | USB 2.0 EUSART,MI ² C/SPI | 48 | 8M/32k 内部振荡器,ICD, nW,全速 USB 2.0 | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2580 | 32,768 EnhFI (16,384) | 256 | 1536 | 25 | 28SP,28SO,28ML | 8x10-bit 100 ksps | — | 1 | 3-16Bit,1-8Bit, 1-WDT | CAN 2.0B,EUSART, MI ² C/SPI | 40 | ECAN,8M/32k 内部振荡器,ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2585 | 49,152 EnhFI (24,576) | 1024 | 3328 | 25 | 28SP,28SO | 8x10-bit 100 ksps | — | 1 | 3-16Bit,1-8Bit, 1-WDT | EUSART, MI ² C/SPI | 40 | ECAN, 8M/32k 内部振荡器, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2610 | 65,536 StdFI (32,768) | — | 3968 | 25 | 28SP,28SO | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2620 | 65,536 EnhFI (32,768) | 1024 | 3968 | 25 | 28SP,28SO | 10x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2680 | 65,536 EnhFI (32,768) | 1024 | 3328 | 25 | 28SP,28SO | 8x10-bit 100 ksps | — | 1 | 3-16Bit,1-8Bit, 1-WDT | CAN 2.0B,EUSART, MI ² C/SPI | 40 | ECAN, 8M/32k 内部振荡器, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2682 | 81,920 EnhFI (40,960) | 1024 | 3328 | 25 | 28SP,28SO | 8x10-bit 100 ksps | — | 1 | 3-16Bit,1-8Bit, 1-WDT | CAN 2.0B,EUSART, MI ² C/SPI | 40 | ECAN, 8M/32k 内部振荡器, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F2685 | 98,304 EnhFI (49,152) | 1024 | 3328 | 25 | 28SP,28SO | 8x10-bit 100 ksps | 2 | 1 | 3-16Bit,1-8Bit, 1-WDT | CAN 2.0B,EUSART, MI ² C/SPI | 40 | ECAN, 8M/32k 内部振荡器, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4220 | 4,096 EnhFI (2,048) | 256 | 512 | 36 | 40P,44ML, 44PT | 13x10-bit 30 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | AUSART,MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICE4000,MPLAB ICE2000, MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4221 | 4,096 EnhFI (2,048) | 256 | 512 | 36 | 40P, 44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16 bit, -8bit, 1-WDT | EUSART,MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4320 | 8,192 EnhFI (4,096) | 256 | 512 | 36 | 40P,44ML, 44PT | 13x10-bit 30 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | AUSART,MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,nW,PSP | MPLAB ICE4000,MPLAB ICE2000, MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4321 | 8,192 EnhFI (4,096) | 256 | 512 | 36 | 40P,44ML,44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,nW,PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4331 | 8,192 EnhFI (4,096) | 256 | 768 | 36 | 40P,44ML, 44PT | 9x10-bit 200 ksps | — | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, I ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,马达控制 PWM,2 个积分编码器接口 | MPLAB ICE4000,MPLAB ICE2000, MPLAB ICD2,PM3,PICSTART |

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储 器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较 器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|--|---------------------------------|---------------------------|--------------|-------------|----------------|-----------------------|---------------|--------------|--------------------------|---|-----------------|--|---|
| PIC18FXXX Flash MCUs:10MIPS,VDD=2.0-5.5V,向上与 PIC16 兼容,77 条指令,高效的 C 编译器(cont.) | | | | | | | | | | | | | |
| PIC18F4410 | 16,384 StdFI (8,192) | — | 768 | 36 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4420 | 16,384 EnhFI (8,192) | 256 | 768 | 36 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4423 | 16,384 EnhFI (8,192) | 256 | 768 | 36 | 40P,44ML,44PT | 13x12-bit 80 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI | 32 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICD2,MPLAB PM3 |
| PIC18F4431 | 16,384 EnhFI (8,192) | 256 | 768 | 36 | 40P,44ML, 44PT | 9x10-bit 200 ksps | — | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, I ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,马达控制 PWM,2 个积分编码器接口 | MPLAB ICE4000,MPLAB ICE2000, MPLAB ICD2,PM3,PICSTART |
| PIC18F4450 | 16,384 EnhFI (8,192) | — | 768 | 34 | 40P,44ML, 44PT | 13x10-bit 100 ksps | — | 1 | 2-16Bit,1-8Bit, 1-WDT | USB 2.0,AUSART | 48 | 8M/32k 内部振荡器, ICD, nW,全速 USB2.0 | MPLAB ICD2,MPLAB PM3,PICSTART |
| PIC18F4455 | 24,576 EnhFI (12,288) | 256 | 2048 | 34 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | USB2.0,EUSART, Mi ² C/SPI | 48 | 8M/32k 内部振荡器,全速 USB2.0,流动端口, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4480 | 16,384 EnhFI (8,192) | 256 | 768 | 36 | 40P,44ML, 44PT | 11x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI, CAN2.0B | 40 | 8M/32k 内部振荡器, ICD, nW,ECAN | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4510 | 32,768 StdFI (16,384) | — | 1536 | 36 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4520 | 32,768 EnhFI (16,384) | 256 | 1536 | 36 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4523 | 32,768 EnhFI (16,384) | 256 | 1536 | 36 | 40P,44ML,44PT | 13x12-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI | 32 | 8M/32k 内部振荡器, ICD, nW,VDD=2.7-3.6V,PSP | MPLAB ICD2,MPLAB PM3 |
| PIC18F4515 | 49,152 StdFI (24,576) | — | 3968 | 36 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4525 | 49,152 EnhFI (24,576) | 1024 | 3968 | 36 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4550 | 32,768 EnhFI (16,384) | 256 | 2048 | 34 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | USB2.0,EUSART, Mi ² C/SPI | 48 | 8M/32k 内部振荡器,全速 USB2.0, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4580 | 32,768 EnhFI (16,384) | 256 | 1536 | 36 | 40P,44ML, 44PT | 11x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,Mi ² C/SPI, CAN2.0B | 40 | 8M/32k 内部振荡器,ECAN, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4585 | 49,152 EnhFI (24,576) | 1024 | 3328 | 36 | 40P,44ML, 44PT | 11x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | CAN2.0B,EUSART, Mi ² C/SPI | 40 | 8M/32k 内部振荡器,ECAN, ICD, nW | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4610 | 65,536 StdFI (32,768) | — | 3968 | 36 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW ,PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4620 | 65,536 EnhFI (32,768) | 1024 | 3968 | 36 | 40P,44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART, Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4680 | 65,536 EnhFI (32,768) | 1024 | 3328 | 36 | 40P,44ML, 44PT | 11x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | CAN2.0B,EUSART, Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW, ECAN | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4682 | 81,920 EnhFI (40,960) | 1024 | 3328 | 36 | 40P,44ML, 44PT | 11x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | CAN2.0B,EUSART, Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW, ECAN | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |
| PIC18F4685 | 98,304 EnhFI (49,152) | 1024 | 3328 | 36 | 40P,44ML,44PT | 11x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | CAN 2.0B,EUSART, Mi ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW, ECAN | MPLAB ICE4000,MPLAB ICE2000 MPLAB ICD2, PICKit2,PM3,PICSTART |

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储 器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较 器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|---|---------------------------------|---------------------------|--------------|-------------|----------|-----------------------|---------------|--------------|--------------------------|--|-----------------|----------------------------------|---|
| PIC18FXXX Flash MCUs:10MIPS,VDD=2.0-5.5V,向上与 PIC16 兼容,77 条指令,高效的 C 编译器(cont.) | | | | | | | | | | | | | |
| PIC18F6310 | 8,192 StdFI (4,096) | | 768 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 3 | 3-16Bit,1-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,nW,EMA | MPLAB ICE4000, MPLAB ICD2,PM3 |
| PIC18F6410 | 16,384 StdFI (8,192) | — | 768 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 3 | 3-16Bit,1-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,nW,EMA | MPLAB ICE4000, MPLAB ICD2,PM3 |
| PIC18F6390 | 8,192 StdFI (4,096) | — | 768 | 50 | 64PT | 12x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,LCD:128 段,ICD,nW | MPLAB ICE4000, MPLAB ICD2,PM3 |
| *PIC18F6393 | 8,192 StdFI (4,096) | — | 768 | 50 | 64PT | 12x12-bit 80 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,LCD:192 段, ICD, nW, | MPLAB ICE4000, MPLAB ICD2,PM3 |
| PIC18F6490 | 16,384 StdFI (8,192) | — | 768 | 50 | 64PT | 12x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,LCD:128 段,ICD, nW | MPLAB ICE4000, MPLAB ICD2,PM3 |
| *PIC18F6493 | 16,384 StdFI (8,192) | — | 768 | 50 | 64PT | 12x12-bit 80ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,LCD:192 段, ICD, nW, | MPLAB ICE4000, MPLAB ICD2,PM3 |
| PIC18F6520 | 32,768 EnhFI (16,384) | 1024 | 2048 | 52 | 64PT | 12x10-bit 30 ksps | 2 | 5 | 3-16Bit,2-8Bit, 1-WDT | 2xAUSART, MI ² C/SPI | 40 | ICD,PSP | MPLAB ICE4000,MPLAB ICE2000, MPLAB ICD2,PM3 |
| PIC18F6522 | 32,768 EnhFI (16,384) | 1024 | 2048 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 5 | 3-16Bit,2-8Bit, 1-WDT | 2xAUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,PSP, ICD, nW | MPLAB ICE4000,MPLAB ICE2000, MPLAB ICD2,PM3 |
| PIC18F6527 | 49,152 EnhFI (24,576) | 1024 | 3936 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 5 | 3-16Bit,2-8Bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 40 | 8M/32k 内部振荡器,PSP, ICD, nW | MPLAB ICE4000,MPLAB ICE2000, PICKit 2,MPLAB ICD2,PM3 |
| PIC18F6585 | 49,152 EnhFI (24,576) | 1024 | 3328 | 53 | 64PT,68L | 12x10-bit 30 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | CAN2.0B,EUSART, MI ² C/SPI | 40 | ECAN,ICD | MPLAB ICE4000,MPLAB ICE2000, MPLAB ICD2,PM3 |
| PIC18F6622 | 65,536 EnhFI (32,768) | 1024 | 3936 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 5 | 3-16Bit,2-8Bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 40 | 8M/32k 内部振荡器,PSP, ICD, nW | MPLAB ICE4000,MPLAB ICE2000, PICKit 2,MPLAB ICD2,PM3 |
| PIC18F6627 | 98,304 EnhFI (49,152) | 1024 | 3936 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 5 | 3-16Bit,2-8Bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 40 | 8M/32k 内部振荡器,PSP, ICD, nW | MPLAB ICE4000,MPLAB ICE2000, PICKit 2,MPLAB ICD2,PM3 |
| PIC18F6680 | 65,536 EnhFI (32,768) | 1024 | 3328 | 53 | 64PT,68L | 12x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | CAN2.0B,EUSART, MI ² C/SPI | 40 | ECAN, ICD | MPLAB ICE4000,MPLAB ICE2000, MPLAB ICD2,PM3 |
| PIC18F6722 | 131,072 EnhFI (65,536) | 1024 | 3936 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 5 | 3-16Bit,2-8Bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICE4000,MPLAB ICE2000, PICKit 2,MPLAB ICD2,PM3 |
| PIC18F8310 | 8,192 StdFI (4,096) | — | 768 | 70 | 80PT | 12x10-bit 100 ksps | 2 | 3 | 3-16Bit,1-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,nW,EMA | MPLAB ICE4000, MPLAB ICD2,PM3 |
| PIC18F8410 | 16,384 StdFI (8,192) | — | 768 | 70 | 80PT | 12x10-bit 100 ksps | 2 | 3 | 3-16Bit,2-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,nW,EMA | MPLAB ICE4000, MPLAB ICD2,PM3 |
| PIC18F8390 | 8,192 StdFI (4,096) | — | 768 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,LCD:192 段,ICD,nW | MPLAB ICE4000, MPLAB ICD2,PM3 |
| *PIC18F8393 | 8,192 StdFI (4,096) | — | 768 | 66 | 80PT | 12x10-bit 80 ksps | 2 | 2 | 3-16Bit,1-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,LCD:192 段,ICD,nW | MPLAB ICE4000, MPLAB ICD2,PM3 |
| PIC18F8490 | 16,384 StdFI (8,192) | — | 768 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 2 | 3-16Bit,2-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,LCD:192 段,ICD,nW | MPLAB ICE4000, MPLAB ICD2,PM3 |
| *PIC18F8493 | 16,384 StdFI (8,192) | — | 768 | 66 | 80PT | 12x10-bit 80 ksps | 2 | 2 | 3-16Bit,2-8Bit, 1-WDT | EUSART,AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,LCD:192 段, ICD,nW, | MPLAB ICE4000, MPLAB ICD2,PM3 |

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储 器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较 器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|--|---------------------------------|---------------------------|--------------|-------------|------------------------|-----------------------|---------------|--------------|---------------------------|--|-----------------|---------------------------------|---|
| PIC18FXXX Flash MCUs: 10MIPS, VDD=2.0-5.5V, 向上与 PIC16 兼容, 77 条指令, 高效的 C 编译器(cont.) | | | | | | | | | | | | | |
| PIC18F8520 | 32,768 EnhFI (16,384) | 1024 | 2048 | 68 | 80PT | 16x10-bit 30 ksps | 2 | 5 | 3-16Bit, 2-8Bit, 1-WDT | 2xAUSART, MI ² C/SPI | 40 | ICD, EMA, PSP | MPLAB ICE4000, MPLAB ICE2000, MPLAB ICD2, PM3 |
| PIC18F8522 | 32,768 EnhFI (16,384) | 1024 | 2048 | 70 | 80PT | 16x10-bit 100 ksps | 2 | 5 | 3-16Bit, 2-8Bit, 1-WDT | 2xAUSART, 2xMI ² C/SPI | 40 | 8M/32k 内部振荡器, EMA, PSP, ICD, nW | MPLAB ICE4000, MPLAB ICE2000, MPLAB ICD2, PM3 |
| PIC18F8527 | 49,152 EnhFI (24,576) | 1024 | 3936 | 70 | 80PT | 16x10-bit 30 ksps | 2 | 5 | 3-16Bit, 2-8Bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 40 | 8M/32k 内部振荡器, EMA, PSP, ICD, nW | MPLAB ICE4000, MPLAB ICE2000, PICKit 2, MPLAB ICD2, PM3 |
| PIC18F8585 | 49,152 EnhFI (24,576) | 1024 | 3328 | 69 | 80PT | 16x10-bit 30 ksps | 2 | 2 | 3-16Bit, 1-8Bit, 1-WDT | CAN2.0B, EUSART, MI ² C /SPI | 40 | EMA, ECAN, ICD | MPLAB ICE4000, MPLAB ICE2000 , MPLAB ICD2, PM3 |
| PIC18F8622 | 65,536 EnhFI (32,768) | 1024 | 3936 | 70 | 80PT | 16x10-bit 30 ksps | 2 | 5 | 3-16Bit, 2-8Bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 40 | 8M/32k 内部振荡器, EMA, PSP, ICD, nW | MPLAB ICE4000, MPLAB ICE2000, PICKit 2, MPLAB ICD2, PM3 |
| PIC18F8627 | 98,304 EnhFI (49,152) | 1024 | 3936 | 70 | 80PT | 16x10-bit 30 ksps | 2 | 5 | 3-16Bit, 2-8Bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 40 | 8M/32k 内部振荡器, EMA, PSP, ICD, nW | MPLAB ICE4000, MPLAB ICE2000 , PICKit 2, MPLAB ICD2, PM3 |
| PIC18F8680 | 65,536 EnhFI (32,768) | 1024 | 3328 | 69 | 80PT | 16x10-bit 30 ksps | 2 | 2 | 3-16Bit, 1-8Bit, 1-WDT | CAN2.0B, EUSART, MI ² C/SPI | 40 | ECAN, ICD, EMA | MPLAB ICE4000, MPLAB ICE2000 , MPLAB ICD2, PM3 |
| PIC18F8722 | 131,072 EnhFI (65,536) | 1024 | 3936 | 70 | 80PT | 16x10-bit 100 ksps | 2 | 5 | 3-16Bit, 2-8Bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 40 | 8M/32k 内部振荡器, EMA, PSP, ICD, nW | MPLAB ICE4000, MPLAB ICE2000 , PICKit 2, MPLAB ICD2, PM3 |
| PIC18FXXJXX Flash MCUs: 10MIPS, VDD=2.0-3.6V, 自编程, 向上与 PIC18/PIC16 兼容, 77 条指令, 高效的 C 编译器(cont.) | | | | | | | | | | | | | |
| PIC18F24J10 | 16,384 StdFI (8,192) | — | 1024 | 21 | 28SP, 28SO, 28SS, 28ML | 10x10-bit 100 ksps | 2 | 2 | 2-16bit, 1-8bit, 1-WDT | EUSART, MI ² C/SPI | 40 | 32k 内部振荡器, ICD | MPLAB ICD2, MPLAB PM3, PICKit 2 |
| PIC18F25J10 | 32,768 StdFI (16,384) | — | 1024 | 21 | 28SP, 28SO, 28SS, 28ML | 10x10-bit 100 ksps | 2 | 2 | 2-16bit, 1-8bit, 1-WDT | EUSART, MI ² C/SPI | 40 | 32k 内部振荡器, ICD | MPLAB ICD2, MPLAB PM3, PICKit 2 |
| *PIC18F25J11 | 32,768 StdFI (16,384) | — | 2048 | 21 | 28SP, 28SO, 28SS, 28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16bit, 2-8bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 48 | 8M/32k 内部振荡器, ICD, nW, PSP, PMP | MPLAB ICD2, MPLAB PM3 |
| *PIC18F25J16 | 49,152 StdFI (24,576) | — | 3936 | 21 | 28SP, 28SO, 28SS, 28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16bit, 2-8bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 48 | 8M/32k 内部振荡器, ICD, nW, PSP, PMP | MPLAB ICD2, MPLAB PM3 |
| *PIC18F26J11 | 65,536 StdFI (32,768) | — | 3936 | 21 | 28SP, 28SO, 28SS, 28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16bit, 2-8bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 48 | 8M/32k 内部振荡器, ICD, nW, PSP, PMP | MPLAB ICD2, MPLAB PM3 |
| PIC18F44J10 | 16,384 StdFI (8,192) | — | 1024 | 32 | 40P, 44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 2-16bit, 1-8bit, 1-WDT | EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器, PSP, ICD | MPLAB ICD2, MPLAB PM3, PICKit 2 |
| PIC18F45J10 | 32768 StdFI (16,384) | — | 1024 | 32 | 40P, 44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 2-16bit, 1-8bit, 1-WDT | EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器, PSP, ICD | MPLAB ICD2, MPLAB PM3, PICKit 2 |
| *PIC18F45J11 | 32,768 StdFI (16,384) | — | 2048 | 32 | 40P, 44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16bit, 2-8bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 48 | 8M/32k 内部振荡器, ICD, nW, PSP, PMP | MPLAB ICD2, MPLAB PM3 |
| *PIC18F45J16 | 49,152 StdFI (24,576) | — | 3936 | 32 | 40P, 44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16bit, 2-8bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 48 | 8M/32k 内部振荡器, ICD, nW, PSP, PMP | MPLAB ICD2, MPLAB PM3 |
| *PIC18F46J11 | 65,536 StdFI (32,768) | — | 3936 | 32 | 40P, 44ML, 44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16bit, 2-8bit, 1-WDT | 2xEUSART, 2xMI ² C/SPI | 48 | 8M/32k 内部振荡器, ICD, nW, PSP, PMP | MPLAB ICD2, MPLAB PM3 |
| *PIC18F63J11 | 8,192 StdFI (4,096) | — | 1024 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | AUSART, EUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW | MPLAB ICD2, MPLAB PM3 |
| *PIC18F63J90 | 8,192 StdFI (4,096) | — | 1024 | 50 | 64PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | AUSART, EUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW | MPLAB ICD2, MPLAB PM3 |

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储 器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较 器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|---|---------------------------------|---------------------------|--------------|-------------|------|-----------------------|---------------|--------------|---------------------------|---|-----------------|---|--------------------------------|
| PIC18FXXJXX Flash MCUs: 10MIPS,VDD=2.0-3.6V,自编程,向上与 PIC18/PIC16 兼容,77 条指令,高效的 C 编译器(cont.) | | | | | | | | | | | | | |
| *PIC18F64J11 | 16,384 StdFI (8,192) | — | 1024 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD,nW | MPLAB ICD2,MPLAB PM3 |
| *PIC18F64J90 | 16,384 StdFI (8,192) | — | 1024 | 50 | 64PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD, nW, LCD:128 段 | MPLAB ICD2,MPLAB PM3 |
| PIC18F65J10 | 32,768 StdFI (16,384) | — | 2048 | 50 | 64PT | 11x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, ICD | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F65J11 | 32,768 StdFI (16,384) | — | 2048 | 54 | 64PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit,1-8bit, 1-WDT | EUSART, AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD,Nw | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| PIC18F65J15 | 49,152 StdFI (24,576) | — | 2048 | 50 | 64PT | 11x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, ICD | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F65J50 | 32,768 StdFI (16,384) | — | 3904 | 50 | 64PT | 8x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI,USB2.0 | 48 | 8M/32k 内部振荡器, ICD,nW, 兼容 PMP 全速 USB2.0 | MPLAB ICD2,MPLAB PM3 |
| *PIC18F65J90 | 32,768 StdFI (16,384) | — | 2048 | 50 | 64PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD,nW,LCD:128 段 | MPLAB ICD2,MPLAB PM3 |
| PIC18F66J10 | 65,536 StdFI (32,768) | — | 2048 | 50 | 64PT | 11x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, ICD | MPLAB ICD2,MPLAB PM3 |
| *PIC18F66J11 | 98,304 StdFI (49,152) | — | 3904 | 50 | 64PT | 8x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 48 | 8M/32k 内部振荡器,PMP, ICD,nW | MPLAB ICD2,MPLAB PM3 |
| *PIC18F66J16 | 98,304 StdFI (49,152) | — | 3904 | 50 | 64PT | 8x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 48 | 8M/32k 内部振荡器,PMP, ICD,nW | MPLAB ICD2,MPLAB PM3 |
| *PIC18F66J50 | 65,536 StdFI (32,768) | — | 3904 | 50 | 64PT | 8x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI,USB2.0 | 48 | 8M/32k 内部振荡器, ICD,PMP,全速 USB2.0 | MPLAB ICD2,MPLAB PM3 |
| *PIC18F66J55 | 98,304 StdFI (49,152) | — | 3904 | 50 | 64PT | 8x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI,USB2.0 | 48 | 8M/32k 内部振荡器, ICD,PMP,全速 USB2.0 | MPLAB ICD2,MPLAB PM3 |
| PIC18F66J60 | 65,536 StdFI (32,768) | — | 3808 | 39 | 64PT | 11x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | EUSART, MI ² C/SPI | 42 | 32k 内部振荡器, ICD,10Base-T Ethernet | MPLAB ICD2,MPLAB PM3 |
| PIC18F66J15 | 98,304 StdFI (49,152) | — | 3936 | 50 | 64PT | 11x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, ICD | MPLAB ICD2,MPLAB PM3 |
| PIC18F66J65 | 98,304 StdFI (49,152) | — | 3808 | 39 | 64PT | 11x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | EUSART, MI ² C/SPI I | 42 | 32k 内部振荡器, ICD,10Base-T Ethernet | MPLAB ICD2,MPLAB PM3 |
| PIC18F67J10 | 131,072 StdFI (65,536) | — | 3936 | 50 | 64PT | 11x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, ICD | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F67J11 | 131,072 StdFI (65,536) | — | 3904 | 50 | 64PT | 8x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 48 | 8M/32k 内部振荡器,PMP, ICD,nW | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F67J50 | 131,072 StdFI (65,536) | — | 3904 | 50 | 64PT | 8x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI,USB2.0 | 48 | 8M/32k 内部振荡器,PMP, ICD,Nw,全速 USB2.0 | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| PIC18F67J60 | 131,072 StdFI (65,536) | — | 3808 | 39 | 64PT | 11x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | EUSART, MI ² C/SPI | 42 | 32k 内部振荡器, ICD,10Base-T Ethernet | MPLAB ICD2,MPLAB PM3 |
| PIC18F83J11 | 8,192 StdFI (4,096) | — | 1024 | 70 | 80PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | AUSART,EUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,Nw,PSP,EMA | MPLAB ICD2,MPLAB PM3 |

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储 器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较 器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|--|---------------------------------|---------------------------|--------------|-------------|------|-----------------------|---------------|--------------|---------------------------|---|-----------------|---------------------------------------|--------------------------------|
| PIC18FXXJXX Flash MCUs: 10MIPS,VDD=2.0-3.6V,自编程,向上与 PIC18/PIC16 兼容,77 条指令,高效的 C 编译器(cont.) | | | | | | | | | | | | | |
| *PIC18F83J90 | 8,192 StdFI (4,096) | — | 1024 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,nW,LCD:192SEG | MPLAB ICD2,MPLAB PM3 |
| *PIC18F84J11 | 16,384 StdFI (8,192) | — | 1024 | 70 | 80PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | AUSART,EUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,Nw,PSP,EMA | MPLAB ICD2,MPLAB PM3 |
| *PIC18F84J90 | 16,384 StdFI (8,192) | — | 1024 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | AUSART,EUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,ICD,nW,LCD:192SEG | MPLAB ICD2,MPLAB PM3 |
| PIC18F85J10 | 32,768 StdFI (16,384) | — | 2048 | 66 | 80PT | 15x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, EMA , ICD | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F85J11 | 32,768 StdFI (16,384) | — | 2048 | 70 | 80PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器,PSP, EMA , ICD,nW | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F85J50 | 32,768 StdFI (16,384) | — | 3904 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI,USB2.0 | 48 | 8M/32k 内部振荡器,PMP, ICD,Nw,全速 USB2.0 | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| PIC18F85J15 | 49,152 StdFI (24,576) | — | 2048 | 66 | 80PT | 15x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, EMA , ICD | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F85J90 | 32,768 StdFI (16,384) | — | 2048 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, AUSART, MI ² C/SPI | 40 | 8M/32k 内部振荡器, ICD,nW,LCD:192SEG | MPLAB ICD2,MPLAB PM3 |
| PIC18F86J10 | 65,536 StdFI (32,768) | — | 2048 | 66 | 80PT | 15x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, EMA , ICD | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F86J11 | 65,536 StdFI (32,768) | — | 3904 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 48 | 8M/32k 内部振荡器,PMP, EMA , ICD,nW | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F86J16 | 98,304 StdFI (49,152) | — | 3904 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 48 | 8M/32k 内部振荡器,PMP, EMA , ICD,nW | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F86J50 | 65,536 StdFI (32,768) | — | 3904 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, MI ² C/SPI | 48 | 8M/32k 内部振荡器,PMP, ICD,Nw,全速 USB2.0 | MPLAB ICD2,MPLAB PM3 |
| *PIC18F86J55 | 98,304 StdFI (49,152) | — | 3904 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, MI ² C/SPI | 48 | 8M/32k 内部振荡器,PMP, ICD,Nw,全速 USB2.0 | MPLAB ICD2,MPLAB PM3 |
| PIC18F86J60 | 65,536 StdFI (32,768) | — | 6808 | 55 | 80PT | 15x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, MI ² C/SPI | 42 | 32k 内部振荡器, ICD, 10Base-T Ethernet | MPLAB ICD2,MPLAB PM3 |
| PIC18F86J15 | 98,304 StdFI (49,152) | — | 3936 | 66 | 80PT | 15x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, EMA , ICD | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| PIC18F86J65 | 98,304 StdFI (49,152) | — | 3808 | 55 | 80PT | 15x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, MI ² C/SPI | 42 | 32k 内部振荡器, ICD, 10Base-T Ethernet | MPLAB ICD2,MPLAB PM3 |
| PIC18F87J10 | 131,072 StdFI (65,536) | — | 3936 | 66 | 80PT | 15x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 40 | 32k 内部振荡器,PSP, EMA , ICD | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F87J11 | 131,072 StdFI (65,536) | — | 3904 | 66 | 80PT | 15x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI | 48 | 8M/32k 内部振荡器,PMP, EMA , ICD | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| *PIC18F87J50 | 131,072 StdFI (65,536) | — | 3904 | 66 | 80PT | 12x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x MI ² C/SPI,USB2.0 | 48 | 8M/32k 内部振荡器,PMP, ICD,Nw,全速 USB2.0 | MPLAB ICD2,MPLAB PM3, PICKit 2 |
| PIC18F87J60 | 131,072 StdFI (65,536) | — | 3808 | 55 | 80PT | 15x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, MI ² C/SPI | 42 | 32k 内部振荡器, ICD, 10Base-T Ethernet | MPLAB ICD2,MPLAB PM3 |

| 型号 | 程序存储器 Byte & Type (Words) | EEPROM 数据存储器 Bytes | RAM Bytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较 器 | PWM 10Bit | 定时器/WDT | 串行 I/O | 最高 速度 MHz | 其他特征 | 开发工具 |
|---|---------------------------------|--------------------------|--------------|-------------|---------------------|-----------------------|---------------|--------------|---------------------------|--|-----------------|--|------------------------------------|
| PIC18FXXJXX Flash MCUs: 10MIPS,VDD=2.0-3.6V,自编程,向上与 PIC18/PIC16 兼容,77 条指令,高效的 C 编译器(cont.) | | | | | | | | | | | | | |
| PIC18F96J60 | 65,536 StdFI (32,768) | — | 3808 | 70 | 100PT | 16x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x Mi ² C/SPI | 42 | PSP, EMA, 32k 内部振荡器, ICD, 10Base-T Ethernet | MPLAB ICD2,MPLAB PM3 |
| PIC18F96J65 | 98,304 StdFI (49,152) | — | 3808 | 70 | 100PT | 16x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x Mi ² C/SPI | 42 | PSP, EMA, 32k 内部振荡器, ICD, 10Base-T Ethernet | MPLAB ICD2,MPLAB PM3 |
| PIC18F97J60 | 131,072 StdFI (65,536) | — | 3808 | 70 | 100PT | 16x10-bit 100 ksps | 2 | 5 | 3-16bit, 2-8bit, 1-WDT | 2x EUSART, 2x Mi ² C/SPI | 42 | PSP, EMA, 32k 内部振荡器, ICD, 10Base-T Ethernet | MPLAB ICD2,MPLAB PM3 |
| PIC18FXXKXX Flash MCUs: 16MIPS,VDD=1.8-3.6V | | | | | | | | | | | | | |
| *PIC18F23K20 | 8,192 EnhFI (4,096) | 256 | 768 | 25 | 28SP,28SO,28SS,28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, Mi ² C/SPI | 64 | 16M/32K 内部振荡器, ICD,nW | MPLAB ICD2,MPLAB PM3 |
| *PIC18F24K20 | 16,384 EnhFI (8,192) | 256 | 768 | 25 | 28SP,28SO,28SS,28ML | 10x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, Mi ² C/SPI | 64 | 16M/32K 内部振荡器, ICD,nW | MPLAB ICD2,MPLAB PM3 |
| *PIC18F25K20 | 32,768 EnhFI (16,384) | 256 | 1536 | 25 | 28SP,28SO,28SS,28ML | 11x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, Mi ² C/SPI | 64 | 16M/32K 内部振荡器, ICD,nW | MPLAB ICD2,MPLAB PM3 |
| *PIC18F26K20 | 65,536 EnhFI (32,768) | 1024 | 3968 | 25 | 28SP,28SO,28SS,28ML | 11x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, Mi ² C/SPI | 64 | 16M/32K 内部振荡器, ICD, nW | MPLAB ICD2,MPLAB PM3 |
| *PIC18F43K20 | 8,192 EnhFI (4,096) | 256 | 768 | 36 | 40P,44ML,44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, Mi ² C/SPI | 64 | 16M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICD2,MPLAB PM3 |
| *PIC18F44K20 | 16,384 EnhFI (8,192) | 256 | 768 | 36 | 40P,44ML,44PT | 13x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, Mi ² C/SPI | 64 | 16M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICD2,MPLAB PM3 |
| *PIC18F45K20 | 32,768 EnhFI (16,384) | 256 | 1536 | 36 | 40P,44ML,44PT | 14x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, Mi ² C/SPI | 64 | 16M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICD2,MPLAB PM3 |
| *PIC18F46K20 | 65,536 EnhFI (32,768) | 1024 | 3968 | 36 | 40P,44ML,44PT | 14x10-bit 100 ksps | 2 | 2 | 3-16bit, 1-8bit, 1-WDT | EUSART, Mi ² C/SPI | 64 | 16M/32k 内部振荡器, ICD, nW,PSP | MPLAB ICD2,MPLAB PM3,MPLAB ICE2000 |

| PIC24 16-Bit 微控制器(MCU) 系列 | | | | | | | | | | | | | | | | | | |
|---|--------------------------|---------------|-------------|------------------------|--|-----------|---------------|-----------|---------------|------|-------------|-----|------------------|-----|---------------|------|----|-------------|
| 型号 | Flash 程序存储器 Kbytes | RAM Kbytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较器 | 定时器 16-bit | 输入捕 捉器 | 输出比较器 /PWM | RTCC | UART W/IrDA | SPI | I ² C | CAN | intOSC | 上电复位 | nW | 其他特征 |
| PIC24FJ 系列 16-bit Flash MCUs: 16MIPS,VDD=2.0-3.6V,自编程 | | | | | | | | | | | | | | | | | | |
| *PIC24FJ32GA002 | 32 | 8 | 21 | 28P,28SO, 28ML | 10X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | PMP |
| *PIC24FJ32GA004 | 32 | 8 | 35 | 44ML,44PT | 13X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| *PIC24FJ64GA002 | 64 | 8 | 21 | 28P,28SO, 28ML | 10X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | PMP |
| *PIC24FJ64GA004 | 64 | 8 | 35 | 44ML,44PT | 13X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24FJ64GA006 | 64 | 8 | 53 | 64PT | 16X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24FJ64GA008 | 64 | 8 | 69 | 80PT | 16X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24FJ64GA010 | 64 | 8 | 85 | 100PT, 100PF | 16X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24FJ96GA006 | 96 | 8 | 53 | 64PT | 16X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24FJ96GA008 | 96 | 8 | 69 | 80PT | 16X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24FJ96GA010 | 96 | 8 | 85 | 100PT, 100PF | 16X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24FJ128GA006 | 128 | 8 | 53 | 64PT | 16X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24FJ128GA008 | 128 | 8 | 69 | 80PT | 16X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24FJ128GA010 | 128 | 8 | 85 | 100PT, 100PF | 16X10-bit 500ksps | 2 | 5 | 5 | 5 | √ | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG PMP |
| PIC24HJ 系列 16-bit Flash MCUs: 40MIPS,VDD=3.0-3.6V,自编程 | | | | | | | | | | | | | | | | | | |
| *PIC24HJ12GP201 | 12 | 1 | 13 | 18P,18SO | 10X10-bit 1.1Mps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 1 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| *PIC24HJ12GP202 | 12 | 1 | 21 | 28SP,28SO 28SS,28ML | 10X10-bit 1.1Mps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| *PIC24HJ32GP202 | 32 | 2 | 21 | 28SP,28SO 28SS,28ML | 10X10-bit 1.1Mps or 12-bit 500ksps | — | 3 | 4 | 2 | — | 1 | 1 | 1 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| *PIC24HJ32GP204 | 32 | 2 | 35 | 44ML,44PT | 13X10-bit 1.1Mps or 12-bit 500ksps | — | 3 | 4 | 2 | — | 1 | 1 | 1 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| *PIC24HJ32GP302 | 32 | 4 | 21 | 28SP,28SO 28ML | 10X10-bit 1.1Mps or 12-bit 500ksps | 2 | 5 | 4 | 4 | — | 2 | 2 | 1 | — | 8MHz 32kHz | √ | √ | JTAG DMA |

| 型号 | 程序存储器 Flash/OTP Kbytes | RAM Kbytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较器 | 定时器 16-bit | 输入捕 捉器 | 输出比较器 /PWM | RTCC | UART W/IrDA | SPI | I ² C | CAN | intOSC | 上电复位 | nW | 其他特征 |
|---|------------------------------|---------------|-------------|-------------------|---|-----------|---------------|-----------|---------------|------|-------------|-----|------------------|-----|---------------|------|----|-------------|
| PIC24HJ 系列 16-bit Flash MCUs: 40MIPS,VDD=3.0-3.6V,自编程 (cont.) | | | | | | | | | | | | | | | | | | |
| *PIC24HJ32GP304 | 32 | 4 | 35 | 44ML,44PT | 13X10-bit 1.1Msps or 12-bit 500ksps | 2 | 5 | 4 | 4 | — | 2 | 2 | 1 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| *PIC24HJ64GP202 | 64 | 8 | 21 | 28SP,28SO 28ML | 10X10-bit 1.1Msps or 12-bit 500ksps | 2 | 5 | 4 | 4 | √ | 2 | 2 | 1 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| *PIC24HJ64GP204 | 64 | 8 | 35 | 44ML,44PT | 13X10-bit 1.1Msps or 12-bit 500ksps | 2 | 5 | 4 | 4 | √ | 2 | 2 | 1 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ64GP206 | 64 | 8 | 53 | 64PT | 18X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 1 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ64GP210 | 64 | 8 | 85 | 100PT, 100PF | 32X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| *PIC24HJ64GP502 | 64 | 8 | 21 | 28SP,28SO 28ML | 10X10-bit 1.1Msps or 12-bit 500ksps | 2 | 5 | 4 | 4 | √ | 2 | 2 | 2 | 1 | 8MHz 32kHz | √ | √ | JTAG DMA |
| *PIC24HJ64GP504 | 64 | 8 | 35 | 44ML,44PT | 13X10-bit 1.1Msps or 12-bit 500ksps | 2 | 5 | 4 | 4 | √ | 2 | 2 | 2 | 1 | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ64GP506 | 64 | 8 | 53 | 64PT | 18X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 1 | 1 | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ64GP510 | 64 | 8 | 85 | 100PT, 100PF | 32X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | 1 | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ128GP206 | 128 | 8 | 53 | 64PT | 18X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 1 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ128GP210 | 128 | 8 | 85 | 100PT, 100PF | 32X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ128GP506 | 128 | 8 | 53 | 64PT | 18X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | 1 | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ128GP510 | 128 | 8 | 85 | 100PT, 100PF | 32X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | 1 | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ128GP306 | 128 | 16 | 53 | 64PT | 18X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ128GP310 | 128 | 16 | 85 | 100PT | 32X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG DMA |

| 型号 | Flash 程序存储器 Kbytes | RAM Kbytes | I/O Pins | 封装 | ADC 通道 | 模拟 比较器 | 定时器 16-bit | 输入捕 捉器 | 输出比较器 /PWM | RTCC | UART W/IrDA | SPI | I ² C | CAN | intOSC | 上电复位 | nW | 其他特征 |
|---|--------------------------|---------------|-------------|-----------------|---|-----------|---------------|-----------|---------------|------|-------------|-----|------------------|-----|---------------|------|----|-------------|
| PIC24FJ 系列 16-bit Flash MCUs: 16MIPS,VDD=2.0-3.6V,自编程 | | | | | | | | | | | | | | | | | | |
| PIC24HJ256GP206 | 256 | 16 | 53 | 64PT | 18X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ256GP210 | 256 | 16 | 85 | 100PT, 100PF | 32X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | — | 8MHz 32kHz | √ | √ | JTAG DMA |
| PIC24HJ256GP610 | 256 | 16 | 85 | 100PT, 100PF | (2) 32X10-bit 1.1Msps or 12-bit 500ksps | — | 9 | 8 | 8 | — | 2 | 2 | 2 | 2 | 8MHz 32kHz | √ | √ | JTAG DMA |

缩写:

- ADC**=模数转换器
AUSART=可寻址的 USART(RS232,RS485)
BOR=掉电检测/复位
PSP=从动并行口
PWM=脉宽调制器
- ECAN**=增强型 CAN
ECCP=增强型 CCP
EMA=外部存储器寻址
USART=通用同步异步收发器
USB=通用串行总线
- MI²C/SPI**=主 I²C/SPI
PBOR=可编程掉电检测/复位
PLVD=可编程低电压检测
CAP=捕捉器
ICSP=在线串行编程
- SMB**=系统管理总线
SPI=串行外设接口
CAN=控制器局域网络
I²C=内部集成电路总线
VREF=参考电压
- PSMC**=可编程开关模式控制器
WDT=看门狗定时器
E2=EEPROM
CCP=捕捉器/比较器/脉宽调制器
3 =3 相 PWM
- LIN XCVR**=本地互连网络收发器
DAC=数模转换器
LVD=低电压检测
ICD=在线调试
P=可编程的

dsPIC®数字信号控制器产品

| 型号 | 程序存储器 Flash KWords | EEPROM 数 据存储器 Bytes | SRAM Bytes | I/O Pin (max.) | 封装 | A/D 12Bit 200Ksps | A/D10Bit 1000 Ksps | 定时器 16Bit | 输入捕 捉器 | 输出比较 器/标准 PWM | 电机 控制 PWM | 正交编码器 接口 (QE1) | UART | SPI™ | I²C™ | CAN | 编解码器接口 | 开发工具 |
|---|--------------------------|---------------------------|---------------|-------------------|---------------------|-------------------------|--------------------------|--------------|-----------|---------------------|-----------------|----------------------|------|------|------|-----|----------|------------------------------|
| dsPIC30F 电机控制和功率转换系列: 30MIPS, 2.5-5.5 VDD, 自编程 | | | | | | | | | | | | | | | | | | |
| dsPIC30F2010 | 4 | 1024 | 512 | 20 | 28SO,28SP,28MM(6X6) | — | 6ch | 3 | 4 | 2 | 6 | √ | 1 | 1 | 1 | — | — | MPLAB ICE4000,MPLAB ICD2,PM3 |
| dsPIC30F3010 | 8 | 1024 | 1024 | 20 | 28SO,28SP,44ML(8X8) | — | 6ch | 5 | 4 | 2 | 6 | √ | 1 | 1 | 1 | — | — | MPLAB ICE4000,MPLAB ICD2,PM3 |
| dsPIC30F4012 | 16 | 1024 | 2048 | 20 | 28SO,28SP,44ML(8X8) | — | 6ch | 5 | 4 | 2 | 6 | √ | 1 | 1 | 1 | 1 | — | MPLAB ICE4000,MPLAB ICD2,PM3 |
| dsPIC30F3011 | 8 | 1024 | 1024 | 30 | 40P,44PT,44ML(8X8) | — | 9ch | 5 | 4 | 4 | 6 | √ | 2 | 1 | 1 | — | — | MPLAB ICE4000,MPLAB ICD2,PM3 |
| dsPIC30F4011 | 16 | 1024 | 2048 | 30 | 40P,44PT, 44ML(8X8) | — | 9ch | 5 | 4 | 4 | 6 | √ | 2 | 1 | 1 | 1 | — | MPLAB ICE4000,MPLAB ICD2,PM3 |
| dsPIC30F5015 | 22 | 1024 | 2048 | 52 | 64PT | — | 16 ch | 5 | 4 | 4 | 8 | √ | 1 | 2 | 1 | 1 | — | MPLAB ICE4000,MPLAB ICD2,PM3 |
| dsPIC30F5016 | 22 | 1024 | 2048 | 68 | 80PT | — | 16 ch | 5 | 4 | 4 | 8 | √ | 1 | 2 | 1 | 1 | — | MPLAB ICE4000,MPLAB ICD2,PM3 |
| dsPIC30F6015 | 48 | 4096 | 8192 | 52 | 64PT | — | 16 ch | 5 | 8 | 8 | 8 | √ | 2 | 2 | 1 | 2 | — | MPLAB ICE4000,MPLAB ICD2,PM3 |
| dsPIC30F6010A | 48 | 4096 | 8192 | 68 | 80PF ,80PT | — | 16 ch | 5 | 8 | 8 | 8 | √ | 2 | 2 | 1 | 2 | — | MPLAB ICE4000,MPLAB ICD2,PM3 |
| dsPIC30F 通用控制器系列: 30MIPS, 2.5-5.5 VDD, 自编程 | | | | | | | | | | | | | | | | | | |
| dsPIC30F3014 | 8 | 1024 | 2048 | 30 | 40P,44PT,44ML(8X8) | 13ch | — | 3 | 2 | 2 | — | — | 2 | 1 | 1 | — | — | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F4013 | 16 | 1024 | 2048 | 30 | 40P,44PT,44ML(8X8) | 13ch | — | 5 | 4 | 4 | — | — | 2 | 1 | 1 | 1 | AC97,I²S | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F5011 | 22 | 1024 | 4096 | 52 | 64PT | 16ch | — | 5 | 8 | 8 | — | — | 2 | 2 | 1 | 2 | AC97,I²S | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F5013 | 22 | 1024 | 4096 | 68 | 80PT | 16ch | — | 5 | 8 | 8 | — | — | 2 | 2 | 1 | 2 | AC97,I²S | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F6011A | 44 | 2048 | 6144 | 52 | 64PF,64PT | 16 ch | — | 5 | 8 | 8 | — | — | 2 | 2 | 1 | 2 | — | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F6012A | 48 | 4096 | 8192 | 52 | 64PF,64PT | 16 ch | — | 5 | 8 | 8 | — | — | 2 | 2 | 1 | 2 | AC97,I²S | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F6013A | 44 | 2048 | 6144 | 68 | 80PF, 80PT | 16 ch | — | 5 | 8 | 8 | — | — | 2 | 2 | 1 | 2 | — | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F6014A | 48 | 4096 | 8192 | 68 | 80PF, 80PT | 16 ch | — | 5 | 8 | 8 | — | — | 2 | 2 | 1 | 2 | AC97,I²S | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F 传感器系列: 30MIPS, 2.5-5.5 VDD, 自编程 | | | | | | | | | | | | | | | | | | |
| dsPIC30F2011 | 4 | 0 | 1024 | 12 | 18SO,18P,28ML(6X6) | 8ch | — | 3 | 2 | 2 | — | — | 1 | 1 | 1 | — | — | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F3012 | 8 | 1024 | 2048 | 12 | 18SO,18P,28ML(6X6) | 8ch | — | 3 | 2 | 2 | — | — | 1 | 1 | 1 | — | — | MPLAB ICD2,MPLAB PM3 |

| 型号 | 程序存储器 Flash KWords | EEPROM 数 据存储器 Bytes | SRAM Bytes | I/O Pin (max.) | 封装 | A/D 12Bit 200Ksps | A/D 10Bit 1000Ksps | 定时器 16Bit | 输入捕 捉器 | 输出比较 器/标准 PWM | 电机 控制 PWM | 正交编码器 接口 (QE1) | UART | SPI™ | I²C™ | CAN | 编解码器接口 | 开发工具 |
|---|--------------------------|---------------------------|---------------|-------------------|---------------------|-------------------------|-----------------------|--------------|-----------|---------------------|-----------------|----------------------|------|------|------|-----|--------|----------------------|
| dsPIC30F 传感器系列: 30MIPS, 2.5-5.5 VDD, 自编程 | | | | | | | | | | | | | | | | | | |
| dsPIC30F2012 | 4 | 0 | 1024 | 20 | 28SO,28SP,28ML(6X6) | 10ch | — | 3 | 2 | 2 | — | — | 1 | 1 | 1 | — | — | MPLAB ICD2,MPLAB PM3 |
| dsPIC30F3013 | 8 | 1024 | 2048 | 20 | 28SO,28SP,28ML(6X6) | 10ch | — | 3 | 2 | 2 | — | — | 2 | 1 | 1 | — | — | MPLAB ICD2,MPLAB PM3 |

| 型号 | 程序存储器 Flash KWords | 自编程 | SRAM Bytes | I/O Pin (max.) | 封装 | A/D 10Bit 2Msps | #of S/H | 定时器 16Bit | 输入捕 捉器 | 输出比较 器/标准 PWM | 高速 SMPS PWM (10-Bit @937 kHz) | UART | SPI™ | I²C™ | CAN | 编解码器接口 | 开发工具 |
|--|--------------------------|-----|---------------|-------------------|----------------|-----------------------|---------|--------------|-----------|---------------------|----------------------------------|------|------|------|-----|--------|----------------------|
| dsPIC30F 开关模式电源数字信号控制器: 30MIPS, 2.5-5.5 VDD | | | | | | | | | | | | | | | | | |
| *dsPIC30F1010 | 2 | √ | 256 | 21 | 28SO,28SP,28MM | 8ch | 2 | 2 | — | 1 | 2x2 | 1 | 1 | 1 | — | — | MPLAB ICD2,MPLAB PM3 |
| *dsPIC30F2020 | 4 | √ | 512 | 21 | 28SO,28SP,28MM | 8ch | 4 | 3 | 1 | 2 | 4x2 | 1 | 1 | 1 | — | — | MPLAB ICD2,MPLAB PM3 |
| *dsPIC30F2023 | 2 | √ | 512 | 35 | 44ML,44PT | 12ch | 4 | 3 | 1 | 2 | 4x2 | 1 | 1 | 1 | — | — | MPLAB ICD2,MPLAB PM3 |

| 型号 | 程序存储器 Flash Kbyte | RAM KBytes | DMA | I/O Pin (max.) | 封装 | 可配置 AD 10-Bit @1.1Msps or 12-Bit @500 ksps ^(1,2) | 定时器 16Bit | 输入捕 捉器 | 输出比较 器/标准 PWM | 电机 控制 PWM | 正交编码器 接口 (QE1) | UART | SPI™ | I²C™ | CAN | 编解码器接 口 |
|--|-------------------------|---------------|-----|-------------------|-----------------|---|--------------|-----------|---------------------|--------------|----------------------|------|------|------|-----|------------|
| dsPIC33F 电机控制系列: 40MIPS, VDD=3.3V, 自编程 | | | | | | | | | | | | | | | | |
| *dsPIC33FJ64MC506 | 64 | 8 | 6ch | 53 | 64PT | 1A/D,16ch 4 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 1 | — |
| *dsPIC33FJ64MC508 | 64 | 8 | 6ch | 69 | 80PT | 1A/D,18ch 4 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 1 | — |
| *dsPIC33FJ64MC510 | 64 | 8 | 6ch | 85 | 100PT, 100PF | 1A/D,24ch 4 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 1 | — |
| *dsPIC33FJ64MC706 | 64 | 16 | 6ch | 53 | 64PT | 2A/D,16ch 8 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 1 | — |
| *dsPIC33FJ64MC710 | 64 | 16 | 6ch | 85 | 100PT, 100PF | 2A/D,24ch 8 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 2 | — |
| *dsPIC33FJ128MC506 | 128 | 8 | 6ch | 53 | 64PT | 1 A/D,6ch 4 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 1 | — |
| *dsPIC33FJ128MC706 | 128 | 16 | 6ch | 53 | 64PT | 2 A/D,16ch 8 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 1 | — |
| *dsPIC33FJ128MC708 | 128 | 16 | 6ch | 69 | 80PT | 2A/D,18ch 8 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 2 | — |
| *dsPIC33FJ128MC710 | 128 | 16 | 6ch | 85 | 100PT, 100PF | 2A/D,24ch 8 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 2 | — |
| *dsPIC33FJ256MC710 | 256 | 30 | 6ch | 85 | 100PT, 100PF | 2A/D,24ch 8 S/H max | 9 | 8 | 8 | 8 | √ | 2 | 2 | 2 | 2 | — |
| dsPIC33F 通用控制器系列: 40MIPS, VDD=3.3V, 自编程 | | | | | | | | | | | | | | | | |
| *dsPIC33FJ64GP206 | 64 | 8 | 6ch | 53 | 64PT | 1ADC,18ch 4 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 1 | 0 | 1 |

| 型号 | 程序存储器 Flash Kbyte | RAM KBytes | DMA | I/O Pin (max.) | 封装 | 可配置 AD 10-Bit @1.1Msps or 12-Bit @500 ksps ^(1,2) | 定时器 16Bit | 输入捕捉 器 | 输出比较 器/标准 PWM | 电机 控制 PWM | 正交编码器 接口 (QE1) | UART | SPI™ | I²C™ | CAN | 编解码器接 口 |
|---|-------------------------|---------------|-----|-------------------|-----------------|---|--------------|-----------|---------------------|--------------|----------------------|------|------|------|-----|------------|
| dsPIC33F 通用控制器系列: 40MIPS, VDD=3.3V, 自编程 (continued) | | | | | | | | | | | | | | | | |
| *dsPIC33FJ64GP310 | 64 | 16 | 6ch | 85 | 100PT, 100PF | 1A/D,,32ch 4 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 0 | 1 |
| *dsPIC33FJ64GP706 | 64 | 16 | 6ch | 53 | 64PT | 2 A/D,18ch 8 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 2 | 1 |
| *dsPIC33FJ64GP708 | 64 | 16 | 6ch | 69 | 80PT | 2 A/D,24ch 8 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 2 | 1 |
| *dsPIC33FJ64GP710 | 64 | 16 | 6ch | 85 | 100PT, 100PF | 2 A/D,32ch 8 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 2 | 1 |
| *dsPIC33FJ128GP706 | 128 | 16 | 6ch | 53 | 64PT | 2 A/D,18ch 8 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 2 | 1 |
| *dsPIC33FJ128GP708 | 128 | 16 | 6ch | 69 | 80PT | 2 A/D,24ch 8 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 2 | 1 |
| *dsPIC33FJ128GP710 | 128 | 16 | 6ch | 85 | 100PT, 100PF | 2 A/D,32ch 8 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 2 | 1 |
| *dsPIC33FJ256GP506 | 256 | 16 | 6ch | 53 | 64PT | 1 A/D,18ch 4 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 1 | 1 |
| *dsPIC33FJ256GP710 | 256 | 30 | 6ch | 85 | 100PT, 100PF | 2 A/D,32ch 2 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 2 | 1 |

未来 dsPIC 数字信号控制器产品

| 型号 | 程序存储器 Flash Kbyte | RAM KBytes | DMA | I/O Pin (max.) | 封装 | 可配置 AD 10-Bit @1.1Msps or 12-Bit @500 ksps ^(1,2) | 定时器 16Bit | 输入捕捉 器 | 输出比较 器/标准 PWM | 电机 控制 PWM | 正交编码器 接口 (QE1) | UART | SPI™ | I²C™ | CAN | 编解码器接口 |
|--|-------------------------|---------------|-----|-------------------|-------------------------|---|--------------|-----------|---------------------|--------------|----------------------|------|------|------|-----|--------|
| dsPIC33F 电机控制系列: 40MIPS, VDD=3.0V-3.6V, 自编程 | | | | | | | | | | | | | | | | |
| dsPIC33FJ12MC201 | 12 | 1 | — | 15 | 20SP,20SO, 20SS | 1A/D,10ch 4 S/H max | 3 | 4 | 2 | 6 | 1 | 1 | 1 | 1 | — | — |
| dsPIC33FJ12MC202 | 12 | 1 | — | 21 | 28SP,28SO, 28SS,28ML | 1A/D,10ch 4 S/H max | 3 | 4 | 2 | 6 | 1 | 1 | 1 | 1 | — | — |
| dsPIC33FJ128MC510 | 128 | 8 | 6ch | 85 | 100PT, 100PF | 1A/D,24ch 4 S/H max | 9 | 8 | 8 | 8 | ✓ | 2 | 2 | 2 | 1 | — |
| dsPIC33FJ256MC510 | 256 | 16 | 6ch | 85 | 100PT, 100PF | 1A/D,16ch 4 S/H max | 9 | 8 | 8 | 8 | ✓ | 2 | 2 | 2 | 1 | — |
| dsPIC33F 通用控制器系列: 40MIPS, VDD=3.0V-3.6V, 自编程 | | | | | | | | | | | | | | | | |
| dsPIC33FJ12MC201 | 12 | 1 | — | 13 | 20SP,20SO, 20SS | 1A/D,10ch 4 S/H max | 3 | 4 | 2 | — | — | 1 | 1 | 1 | — | — |
| dsPIC33FJ12MC202 | 12 | 1 | — | 21 | 28SP,28SO, 28SS,28ML | 1A/D,10ch 4 S/H max | 3 | 4 | 2 | — | — | 1 | 1 | 1 | — | — |
| dsPIC33FJ64GP306 | 64 | 16 | 6ch | 53 | 64PT | 1 A/D,18ch 4 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 0 | 1 |
| dsPIC33FJ128GP206 | 128 | 8 | 6ch | 53 | 64PT | 1 A/D,18ch 4 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 1 | 0 | 1 |
| dsPIC33FJ128GP306 | 128 | 16 | 6ch | 53 | 64PT | 1 A/D,18ch 4 S/H max | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 0 | 1 |

| 型号 | 程序存储器 Flash Kbyte | RAM KBytes | DMA | I/O Pin (max.) | 封装 | 可配置 AD 10-Bit @1.1Msps or 12-Bit @500 ksps ^(1,2) | 定时器 16Bit | 输入捕捉 器 | 输出比较 器/标准 PWM | 电机 控制 PWM | 正交编码器 接口 (QEI) | UART | SPI™ | I²C™ | CAN | 编解码器接口 |
|--|-------------------------|---------------|-----|-------------------|-----------------|---|--------------|-----------|---------------------|--------------|----------------------|------|------|------|-----|--------|
| dsPIC33F 通用控制器系列: 40MIPS, VDD=3.0V-3.6V, 自编程 | | | | | | | | | | | | | | | | |
| dsPIC33FJ128GP310 | 128 | 16 | 6ch | 85 | 100PT, 100PF | 1 A/D,32ch | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 0 | 1 |
| dsPIC33FJ256GP510 | 256 | 16 | 6ch | 85 | 100PT, 100PF | 1 A/D,32ch | 9 | 8 | 8 | — | — | 2 | 2 | 2 | 1 | 1 |

注释 1: dsPIC33F 器件带有 2 A/D 转换，速率为 2.2Msps。

2: 每个 A/D 都可以配置成 10-Bits 有 4 S/H，也可以配置成 12-Bit 有 1S/H。

产品替换表

| 产品 | 程序存储器 (字节/字) | 引脚数量 | 推荐产品 | 产品 | 程序存储器 (字节/字) | 引脚数量 | 推荐产品 |
|-------------|-----------------|------|-----------|-----------|-----------------|------|------------|
| PIC12C508 | 768/512x12 | 8 | PIC12F508 | PIC16C712 | 1792/1024x14 | 18 | PIC16F716 |
| PIC12C508A | 768/512x12 | 8 | PIC12F508 | PIC16C715 | 3584/2048x14 | 18 | PIC16F716 |
| PIC12C509 | 1536/1024x12 | 8 | PIC12F509 | PIC16C716 | 3584/2048x14 | 18 | PIC16F716 |
| PIC12C509A | 1536/1024x12 | 8 | PIC12F509 | PIC16C73A | 7168/4096x14 | 28 | PIC16F73 |
| PIC12C671 | 1536/1024x12 | 8 | PIC12F675 | PIC16C73B | 7168/4096x14 | 28 | PIC16F73 |
| PIC12C672 | 3584/2048x14 | 8 | PIC12F683 | PIC16C74A | 7168/4096x14 | 40 | PIC16F74 |
| PIC12CE673 | 1792/1024x14 | 8 | PIC12F675 | PIC16C74B | 7168/4096x14 | 40 | PIC16F74 |
| PIC12CE674 | 3584/2048x14 | 8 | PIC12F683 | PIC16C76 | 14336/8192x14 | 28 | PIC16F76 |
| PIC12CE518 | 768/512x12 | 8 | PIC12F629 | PIC16C77 | 14336/8192x14 | 40 | PIC16F77 |
| PIC12CE519 | 1536/1024x12 | 8 | PIC12F629 | PIC16C923 | 7168/4096x14 | 68 | PIC16F946 |
| PIC12CR509A | 1536/1024x12 | 8 | PIC12F509 | PIC16C924 | 7168/4096x14 | 68 | PIC16F946 |
| PIC16C505 | 1536/1024x12 | 14 | PIC16F505 | PIC16C925 | 7168/4096x14 | 68 | PIC16F946 |
| PIC16C54 | 768/512x12 | 18 | PIC16F54 | PIC16C926 | 14336/8192x14 | 68 | PIC16F946 |
| PIC16C54A | 768/512x12 | 18 | PIC16F54 | PIC16F627 | 1792/1024x14 | 18 | PIC16F627A |
| PIC16C54C | 768/512x12 | 18 | PIC16F54 | PIC16F628 | 3584/2048x14 | 18 | PIC16F628A |
| PIC16C55 | 768/512x12 | 28 | PIC16F57 | PIC16F83 | 896/512x14 | 18 | PIC16F84A |
| PIC16C56 | 1536/1024x12 | 18 | PIC16F716 | PIC16F84 | 1792/1024x14 | 18 | PIC16F84A |
| PIC16C57 | 3072/2048x12 | 28 | PIC16F57 | PIC16F872 | 3584/2048x14 | 28 | PIC16F882 |
| PIC16C57C | 3072/2048x12 | 28 | PIC16F57 | PIC16F873 | 7168/4096x14 | 28 | PIC16F883 |
| PIC16C58 | 3072/2048x12 | 18 | PIC16F716 | PIC16F874 | 7168/4096x14 | 28 | PIC16F884 |
| PIC16C71 | 1792/1024x14 | 18 | PIC16F716 | PIC16F876 | 14336/8192x14 | 40 | PIC16F886 |
| PIC16C72 | 3584/2048x14 | 28 | PIC16F72 | PIC16F877 | 14336/8192x14 | 40 | PIC16F887 |
| PIC16C72A | 3584/2048x14 | 28 | PIC16F72 | PIC17C43 | 8192/4096x16 | 40 | PIC18F4320 |
| PIC16C710 | 896/512x14 | 18 | PIC16F716 | PIC17C44 | 16384/8192x16 | 40 | PIC18F4420 |
| PIC16C711 | 1792/1024x14 | 18 | PIC16F716 | PIC17C752 | 16384/8192x16 | 68 | PIC18F6520 |

| 产品 | 程序存储器(字节/字) | 引脚数量 | 推荐产品 | 产品 | 程序存储器(字节/字) | 引脚数量 | 推荐产品 |
|------------|----------------|------|------------|--------------|-----------------|------|---------------|
| PIC17C756A | 32768/16384x16 | 68 | PIC18F6520 | PIC18F2439 | 12288/6144x16 | 28 | PIC18F2431 |
| PIC17C762 | 16384/8192x16 | 84 | PIC18F8520 | PIC18F2539 | 24576/12288x16 | 28 | PIC18F2431 |
| PIC17C766 | 32768/16384x16 | 84 | PIC18F8520 | PIC18F4439 | 12288/6144x16 | 40 | PIC18F4431 |
| PIC18C242 | 16384/8192x16 | 28 | PIC18F2420 | PIC18F4539 | 24576/12288x16 | 40 | PIC18F4431 |
| PIC18C252 | 32768/16384x16 | 28 | PIC18F2520 | PIC18F6525 | 49152/24576x16 | 64 | PIC18F6527 |
| PIC18C442 | 16384/8192x16 | 40 | PIC18F4420 | PIC18F6620 | 65536/32768x16 | 64 | PIC18F6622 |
| PIC18C452 | 32768/16384x16 | 40 | PIC18F4520 | PIC18F6621 | 65536/32768x16 | 64 | PIC18F6622 |
| PIC18C658 | 32768/16384x16 | 68 | PIC18F6580 | PIC18F6720 | 131072/65536x16 | 64 | PIC18F6722 |
| PIC18C858 | 32768/16384x16 | 84 | PIC18F8580 | PIC18F8525 | 49152/24576x16 | 80 | PIC18F8527 |
| PIC18F242 | 16384/8192x16 | 28 | PIC18F2420 | PIC18F8620 | 65536/32768x16 | 80 | PIC18F8622 |
| PIC18F248 | 16384/8192x16 | 28 | PIC18F2480 | PIC18F8621 | 65536/32768x16 | 80 | PIC18F8622 |
| PIC18F258 | 32768/16384x16 | 28 | PIC18F2580 | PIC18F8720 | 131072/65536x16 | 80 | PIC18F8722 |
| PIC18F442 | 16384/8192x16 | 40 | PIC18F4420 | dsPIC30F6010 | 144K/48K | 80 | dsPIC30F6010A |
| PIC18F448 | 16384/8192x16 | 40 | PIC18F4480 | dsPIC30F6011 | 132K/44K | 64 | dsPIC30F6011A |
| PIC18F452 | 32768/16384x16 | 40 | PIC18F4520 | dsPIC30F6012 | 144K/48K | 64 | dsPIC30F6012A |
| PIC18F252 | 32768/16384x16 | 28 | PIC18F2520 | dsPIC30F6013 | 132K/44K | 80 | dsPIC30F6013A |
| PIC18F458 | 32768/16384x16 | 40 | PIC18F4580 | dsPIC30F6014 | 144K/48K | 80 | dsPIC30F6014A |

安全数据产品

KEELOQ[®] 编码器件

| 型号 | 发送编码长度 Bits | 滚动码 Bits | 可编程加密密钥 Bits | 源码 Bits | 操作电压 (V) | 可调 OSC | 功能码 | CRC | 协 议 | 其他特征 | 封 装 |
|--------|-------------|----------|--------------|---------|----------|---------|-----|-----|--------------------|-------------------------------|------------|
| HCS101 | 66 | — | — | — | 3.5-13 | √ | 7 | — | PWM | 固定码适用于非安保应用,最多 28 位序列号 | 8P,8SN |
| HCS200 | 66 | 32 | 64 | 32 | 3.5-13 | — | 7 | — | PWM | 登录级别,支持固定码,低电指示 | 8P,8SN |
| HCS201 | 66 | 32 | 64 | 32 | 3.5-13 | — | 7 | — | PWM | 登录级别,支持固定码,低电指示,升压操作 | 8P,8SN |
| HCS300 | 66 | 32 | 64 | 32 | 2.0-6.3 | — | 15 | — | PWM | LED 驱动,定时器溢出标志,低电指示,待机 | 8P,8SN |
| HCS301 | 66 | 32 | 64 | 32 | 3.5-13 | — | 15 | — | PWM | LED 驱动,定时器溢出标志,低电指示,待机 | 8P,8SN |
| HCS320 | 66 | 32 | 64 | 32 | 3.5-13 | — | 16 | — | PWM | 移位操作,LED 驱动,定时器溢出标志,低电指示,待机 | 8P,8SN |
| HCS360 | 67 | 32 | 64 | 48 | 2.0-6.3 | — | 15 | √ | IR 模式,PWM 和曼彻斯特 | 2 个独立计数器 | 8P,8SN |
| HCS361 | 67 | 32 | 64 | 48 | 2.0-6.3 | — | 15 | √ | IR 模式,PWM 和 VPWM | 2 个独立计数器 | 8P,8SN |
| HCS362 | 69 | 32 | 2*64 | 60 | 2.0-6.3 | √ | 15 | √ | PWM 和曼彻斯特 | 队列计数器,PLL 接口,定时器,溢出时间可编程 | 8P,8SN,8ST |
| HCS365 | 69 | 32 | 2*64 | 2*60 | 2.05-5.5 | Factory | 15 | √ | PWM,VPWM PPM 和曼彻斯特 | 双解码器操作,4 输入,队列计数器 | 8P,8SM |
| HCS370 | 69 | 32 | 2*64 | 2*60 | 2.05-5.5 | Factory | 15 | √ | PWM,VPWM PPM 和曼彻斯特 | 升压校准,双解码器操作,6 输入,队列计数器 | 14P,14SL |
| HCS410 | 69 | 32 | 2*64 | 60 | 2.0-6.6 | √ | 7 | √ | PWM 和曼彻斯特 | 自激励收发和解码,双向鉴定,用户 EEPROM,队列计数器 | 8P,8SN,8ST |

KEELOQ[®] 解码器件

| 型号 | 接收码长度 Bits | 支持的编码器件 | 支持编码器件个数 | 操作电压 (V) | 功 能 | 其他特征 | 封 装 |
|--------|------------|---|----------|----------|----------------------------|------------------------------------|----------|
| HCS500 | 66 | HCS200,HCS201,HCS300,HCS301,HCS320,HCS360,HCS361, HCS362,HCS365,HCS370,HCS410,HCS412,HCS473 | 最多 7 | 3.0-5.5 | S0, 15 个序列功能 | 全特征解码器串行接口和微控制器连接 | 8P,8SM |
| HCS512 | 66 | HCS200,HCS201,HCS300,HCS301,HCS320,HCS360,HCS361, HCS362,HCS365,HCS370,HCS410,HCS412,HCS473 | 最多 4 | 4.0-6.0 | S0,S1,S2,S3;VLOW, 15 个序列功能 | 安全学习的单片解码器 | 18P,18SO |
| HCS515 | 66 | HCS200,HCS201,HCS300,HCS301,HCS320,HCS360,HCS361, HCS362,HCS365,HCS370,HCS410,HCS412,HCS473 | 最多 7 | 4.5-5.5 | S0, S1, 15 个序列功能 | 全特征串行口和并行接口与微控制器连接,片内 1K 用户 EEPROM | 14P,14SL |

KEELOQ[®] 可编程编码/解码 FLASH 器件(x14),ICSP[™]

| 型号 | 程序存储器 Words | EEPROM 数据存储单元 Bytes | RAM Bytes | I/O Pins | ADC 通道 | 模拟比较器 | PWM 10Bit | 定时器/WDT | 最高速度 MHz | 其他特征 | 开发系统 |
|-----------|-------------|---------------------|-----------|----------|--------|-------|-----------|--------------------------|----------|--------------------------------|---|
| PIC12F635 | 1024 | 128 | 64 | 6 | — | 1 | — | 1-16 bit, 1-8 bit, 1-WDT | 20 | 8M 内部振荡器,ICD,nW,KEELOQ 外围硬件 | MPLAB ICE2000,MPLAB ICD2, PICSTART, MPLAB PM3 |
| PIC16F636 | 2048 | 256 | 128 | 12 | — | 2 | — | 1-16 bit, 1-8 bit, 1-WDT | 20 | 8M 内部振荡器,ICD,nW,KEELOQ 外围硬件 | MPLAB ICE2000,MPLAB ICD2, PICKit 2,PICSTART,MPLAB PM3 |
| PIC16F639 | 2048 | 256 | 128 | 12 | — | 2 | — | 1-16 bit, 1-8 bit, 1-WDT | 20 | 8M 内部振荡器,ICD,nW,KEELOQ 接收发射器终端 | MPLAB ICE2000,MPLAB ICD2, PICSTART, MPLAB PM3 |

串行 EEPROM

| 型号 | 擦写次数 | 结构密度 | 写速度 | 最大时钟频率 | 操作电压(V) | 温度等级 | 最大工作电流 | 特 性 | 封 装 |
|-------------------|------|--------------|-----|--------|---------|-------|--------|--|-----------------------|
| 3 线式串行 EEPROM 存储器 | | | | | | | | | |
| 93C46A | 1M | 1Kbits(*8) | 2ms | 2MHz | 4.5-5.5 | C,I,E | 5μA | 93CX6A 和 93CX6B 没有 ORG.93CX6A 是*8 结构: 93CX6B 是*16 结构.这个系列 有 POR 功能。 | P,SN,ST,MS,OT,X/SN,MC |
| 93C46B | 1M | 1Kbits(*16) | 2ms | 2MHz | 4.5-5.5 | C,I,E | 5μA | | P,SN,ST,MS,OT,X/SN,MC |
| 93C56A | 1M | 2KBits(*8) | 2ms | 2MHz | 4.5-5.5 | I,E | 5μA | | P,SN,ST,MS,OT,MC |
| 93C56B | 1M | 2KBits(*16) | 2ms | 2MHz | 4.5-5.5 | I,E | 5μA | | P,SN,ST,MS,OT,MC |
| 93C66A | 1M | 4KBits(*8) | 2ms | 2MHz | 4.5-5.5 | I,E | 5μA | | P,SN,ST,MS,OT,MC |
| 93C66B | 1M | 4KBits(*16) | 2ms | 2MHz | 4.5-5.5 | I,E | 5μA | | P,SN,ST,MS,OT |
| 93C76A | 1M | 8KBits(*8) | 2ms | 3MHz | 4.5-5.5 | I,E | 5μA | | OT |
| 93C76B | 1M | 8KBits(*16) | 2ms | 3MHz | 4.5-5.5 | I,E | 5μA | | OT |
| 93C86A | 1M | 16KBits(*8) | 2ms | 3MHz | 4.5-5.5 | I,E | 5μA | | OT |
| 93C86B | 1M | 16KBits(*16) | 2ms | 3MHz | 4.5-5.5 | I,E | 5μA | | OT |
| 93LC46A | 1M | 1KBits(*8) | 6ms | 2MHz | 2.5-5.5 | C,I,E | 5μA | 93LCX6A 和 93LCX6B 没有 ORG.93LCX6A 是*8 结构: 93LCX6B 是*16 结构 | P,SN,ST,MS,OT,X/SN,MC |
| 93LC46B | 1M | 1KBits(*16) | 6ms | 2MHz | 2.5-5.5 | C,I,E | 5μA | | P,SN,ST,MS,OT,X/SN,MC |
| 93LC56A | 1M | 2KBits(*8) | 6ms | 2MHz | 2.5-5.5 | C,I,E | 5μA | | P,SN,ST,MS,OT,X/SN,MC |
| 93LC56B | 1M | 2KBits(*16) | 6ms | 2MHz | 2.5-5.5 | C,I,E | 5μA | | P,SN,ST,MS,OT,X/SN,MC |
| 93LC66A | 1M | 4KBits(*8) | 6ms | 2MHz | 2.5-5.5 | C,I,E | 5μA | | P,SN,ST,MS,OT,X/SN,MC |
| 93LC66B | 1M | 4KBits(*16) | 6ms | 2MHz | 2.5-5.5 | C,I,E | 5μA | | P,SN,ST,MS,OT,X/SN,MC |
| 93LC76A | 1M | 8KBits(*8) | 6ms | 3MHz | 2.5-5.5 | I,E | 5μA | | OT |
| 93LC76B | 1M | 8KBits(*16) | 6ms | 3MHz | 2.5-5.5 | I,E | 5μA | | OT |
| 93LC86A | 1M | 16KBits*8) | 6ms | 3MHz | 2.5-5.5 | I,E | 5μA | | OT |
| 93LC86B | 1M | 16KBits(*16) | 6ms | 3MHz | 2.5-5.5 | I,E | 5μA | | OT |
| 93AA46A | 1M | 1KBits(*8) | 6ms | 2MHz | 1.8-5.5 | I | 5μA | 93LCX6A 和 93LCX6B 没有 ORG.93LCX6A 是*8 结构: 93LCX6B 是*16 结构 | P,SN,ST,MS,OT,MC |
| 93AA46B | 1M | 1KBits(*16) | 6ms | 2MHz | 1.8-5.5 | I | 5μA | | P,SN,ST,MS,OT,MC |
| 93AA56A | 1M | 2KBits(*8) | 6ms | 2MHz | 1.8-5.5 | I | 5μA | | P,SN,ST,MS,OT,MC |
| 93AA56B | 1M | 2KBits(*16) | 6ms | 2MHz | 1.8-5.5 | I | 5μA | | P,SN,ST,MS,OT,MC |
| 93AA66A | 1M | 4KBits(*8) | 6ms | 2MHz | 1.8-5.5 | I | 5μA | | P,SN,ST,MS,OT,MC |
| 93AA66B | 1M | 4KBits(*16) | 6ms | 2MHz | 1.8-5.5 | I | 5μA | | P,SN,ST,MS,OT,MC |
| 93AA76A | 1M | 8KBits(*8) | 6ms | 3MHz | 1.8-5.5 | I | 5μA | | OT |

| 型号 | 擦写次数 | 结构密度 | 写速度 | 最大时钟频率 | 操作电压(V) | 温度等级 | 最大工作电流 | 特 性 | 封 装 |
|-------------------------------------|------|-------------------|------|--------|---------|-------|--------|--|--------------------|
| 3 线式串行 EEPROM 存储器 | | | | | | | | | |
| 93AA76B | 1M | 8KBits(*16) | 6ms | 3MHz | 1.8-5.5 | I | 5μA | | OT |
| 93AA86A | 1M | 16KBits(*8) | 6ms | 3MHz | 1.8-5.5 | I | 5μA | | OT |
| 93AA86B | 1M | 16KBits(*16) | 6ms | 3MHz | 1.8-5.5 | I | 5μA | | OT |
| 93C46C | 1M | 1KBits(*8 或 *16) | 2ms | 3MHz | 4.5-5.5 | I,E | 5μA | 93CX6 可以通过 ORG 脚用作 *8 或 *16 的任一种结构，这个 系列有 POR 功能 | P,SN,ST,MS,MC |
| 93C56C | 1M | 2KBits(*8 或 *16) | 2ms | 3MHz | 4.5-5.5 | I,E | 5μA | | P,SN,ST,MS,MC |
| 93C66C | 1M | 4KBits(*8 或 *16) | 2ms | 3MHz | 4.5-5.5 | I,E | 5μA | | P,SN,ST,MS,MC |
| 93C76C | 1M | 8KBits(*8 或 *16) | 2ms | 3MHz | 4.5-5.5 | I,E | 5μA | | P,SN,ST,MS,MC |
| 93C86C | 1M | 16KBits(*8 或 *16) | 2ms | 3MHz | 4.5-5.5 | I,E | 5μA | | P,SN,ST,MS,MC |
| 93LC46C | 1M | 1KBits(*8 或 *16) | 6ms | 3MHz | 2.5-5.5 | I,E | 5μA | 93CX6 可以通过 ORG 脚用作 *8 或 *16 的任一种结构 | P,SN,ST,MS,X/SN,MC |
| 93LC56C | 1M | 2KBits(*8 或 *16) | 6ms | 3MHz | 2.5-5.5 | I,E | 5μA | | P,SN,ST,MS,X/SN,MC |
| 93LC66C | 1M | 4KBits(*8 或 *16) | 6ms | 3MHz | 2.5-5.5 | I,E | 5μA | | P,SN,ST,MS,X/SN,MC |
| 93LC76B | 1M | 8KBits(*8 或 *16) | 6ms | 3MHz | 2.5-5.5 | I,E | 5μA | | P,SN,ST,MS,MC |
| 93LC86C | 1M | 16KBits(*8 或 *16) | 6ms | 3MHz | 2.5-5.5 | I,E | 5μA | | P,SN,ST,MS,MC |
| 93AA46C | 1M | 1KBits(*8 或 *8) | 6ms | 3MHz | 1.8-5.5 | I | 5μA | 93CX6 可以通过 ORG 脚用作 *8 或 *16 的任一种结构 | P,SN,ST,MS,X/SN,MC |
| 93AA56C | 1M | 2KBits(*8 或 *16) | 6ms | 3MHz | 1.8-5.5 | I | 5μA | | P,SN,ST,MS,X/SN,MC |
| 93AA66C | 1M | 4KBits(*8 或 *8) | 6ms | 3MHz | 1.8-5.5 | I | 5μA | | P,SN,ST,MS,X/SN,MC |
| 93AA76C | 1M | 8KBits(*8 或 *16) | 6ms | 3MHz | 1.8-5.5 | I | 5μA | | P,SN,ST,MS,MC |
| 93AA86C | 1M | 16KBits(*8 或 *16) | 6ms | 3MHz | 1.8-5.5 | I | 5μA | | P,SN,ST,MS,MC |
| 2 线式 I ² C 串行 EEPROM 存储器 | | | | | | | | | |
| 24C00 | 1M | 128Bits(*8) | 4ms | 400KHz | 4.5-5.5 | C,I,E | — | 在 100KHz 时工作电压范围 1.8V-4.5V | P,SN,ST,OT,MC |
| 24LC00 | 1M | 128Bits(*8) | 4ms | 400KHz | 2.5-6.0 | C,I | — | | P,SN,ST,OT,MC |
| 24AA00 | 1M | 128Bits(*8) | 4ms | 400KHz | 1.8-6.0 | C,I | — | | P,SN,ST,OT,MC |
| 24C01C | 1M | 1KBits(*8) | 1ms | 400KHz | 4.5-5.5 | C,I,E | — | 24C01C 和 24C02C 适用于 对写速度要求高的场合：三 个地址线引脚 | P,SN,ST,MS,MC |
| 24C02C | 1M | 2KBits(*8) | 1ms | 400KHz | 4.5-5.5 | C,I,E | — | | P,SN,ST,MS,MC |
| 24LC014 | 1M | 1KBits(*8) | 10ms | 400KHz | 2.5-5.5 | I | — | 三个地址线引脚 | P,SN,ST,MS,MC |
| 24AA014 | 1M | 1KBits(*8) | 10ms | 400KHz | 1.8-5.5 | I | — | | P,SN,ST,MS,MC |
| 24LC01B | 1M | 1KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | 硬件写保护，施密特触发输入， B 版本的地址线一脚 A0、A1、 A2 是没有连接的 | P,SN,ST,MS,OT,MC |
| 24LC02B | 1M | 2KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | | P,SN,ST,MS,OT,MC |
| 24LC04B | 1M | 4KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | | P,SN,ST,MS,OT,MC |
| 24LC08B | 1M | 8KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | | P,SN,ST,MS,OT,MC |

| 型号 | 擦写次数 | 结构密度 | 写速度 | 最大时钟频率 | 操作电压(V) | 温度等级 | 最大工作电流 | 特 性 | 封 装 |
|-------------------------------------|--------|--------------|-----|--------|---------|-------|--------|--|------------------|
| 2 线式 I ² C 串行 EEPROM 存储器 | | | | | | | | | |
| 24LC16B | 1M | 16KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | 硬件写保护, 施密特触发输入, 在 100KHz 时工作电压范围 1.8V-4.5V | P,SN,ST,MS,OT,MC |
| 24AA01 | 1M | 1KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SN,ST,MS,OT,MC |
| 24AA02 | 1M | 2KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SN,ST,MS,OT,MC |
| 24AA04 | 1M | 4KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SN,ST,MS,OT,MC |
| 24AA08 | 1M | 8KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SN,ST,MS,OT,MC |
| 24AA16 | 1M | 16KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SN,ST,MS,OT,MC |
| 24LC32A | 1M | 32KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | 在 100KHz 时工作电压范围 1.8V-2.5V | P,SN,SM,ST,MS,MC |
| 24AA32A | 1M | 32KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SN,SM,ST,MS,MC |
| 24LC64 | 1M | 64KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | 32KByte/Page,在 100KHz 时 工作电压范围 1.8V-2.5V | P,SN,SM,ST,MS,MC |
| 24AA64 | 1M | 64KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SN,SM,ST,MS,MC |
| 24LC65 | 1M/10M | 64KBits(*8) | 5ms | 400KHz | 2.5-5.5 | C,I | — | 8Byte/Page,32Byte 输入缓存, Smart Serial EEPROM, 4K blocks 写保护 | P,SM |
| 24AA65 | 1M/10M | 64KBits(*8) | 5ms | 400KHz | 1.8-5.5 | C | — | | P,SM |
| 24C65 | 1M/10M | 64KBits(*8) | 5ms | 400KHz | 4.5-5.5 | C,I,E | — | | P,SM |
| 24LC128 | 1M | 128KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | 64KByte/Page,在 100KHz 时 工作电压范围.8V-2.5V,在 400KHz 时工作电压在 4.5V 以 下(24FC128) | P,SN,SM,ST,MS,MF |
| 24AA128 | 1M | 128KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SN,SM,ST,MS,MF |
| 24FC128 | 1M | 128KBits(*8) | 5ms | 1MHz | 2.5-5.5 | I | — | | P,SN,SM,ST,MS,MF |
| 24LC256 | 1M | 256KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | 64KByte/Page,在 100KHz 时 工作电压范围.8V-2.5V,在 400KHz 时工作电压在 4.5V 以 下(24FC256) | P,SN,SM,ST,MS,MF |
| 24AA256 | 1M | 256KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SN,SM,ST,MS,MF |
| 24FC256 | 1M | 256KBits(*8) | 5ms | 1MHz | 2.5-5.5 | I | — | | P,SN,SM,ST,MS,MF |
| 24LC512 | 1M | 512KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | 128KByte/Page,可 8 片级联 (4MBits),在 100KHz 时工作 电压范围.8V-2.5V,在 400KHz 时工作电压在 4.5V 以下 (24FC512) | P,SM,ST14,MF |
| 24AA512 | 1M | 512KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SM,ST14,MF |
| 24FC512 | 1M | 512KBits(*8) | 5ms | 1MHz | 2.5-5.5 | I | — | | P,SM,ST14,MF |
| 24LC515 | 1M | 512KBits(*8) | 5ms | 400KHz | 2.5-5.5 | I | — | 可 4 片级联(22MBits),在 100KHz 时工作电压范围 1.8V-2.5V | P,SM |
| 24AA515 | 1M | 512KBits(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SM |
| 24FC515 | 1M | 512KBits(*8) | 5ms | 1MHz | 2.5-5.5 | I | — | | P,SM |
| 24LC1025 | 1M | 1Mbit(*8) | 5ms | 400KHz | 2.5-5.5 | I,E | — | 可 4 片级联,在 100KHz 时工作 电压范围 1.8V-2.5V | P,SM |
| 24AA1025 | 1M | 1Mbit(*8) | 5ms | 400KHz | 1.8-5.5 | I | — | | P,SM |
| ISO 智能卡系列 | | | | | | | | | |
| 24LC01SC | 1M | 1KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |
| 24LC02SC | 1M | 2KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |
| 24LC04SC | 1M | 4KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |

| 型号 | 擦写次数 | 结构密度 | 写速度 | 最大时钟频率 | 操作电压(V) | 温度等级 | 最大工作电流 | 特 性 | 封 装 |
|-----------|------|------------|-----|--------|---------|------|--------|--------|--------|
| ISO 智能卡系列 | | | | | | | | | |
| 24LC08SC | 1M | 8KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |
| 24LC16SC | 1M | 16KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |
| 24LC32ASC | 1M | 32KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |
| 24LC64SC | 1M | 64KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |
| 24LC128SC | 1M | 128KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |
| 24LC256SC | 1M | 256KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |
| 24LC512SC | 1M | 512KBits*8 | 5ms | 400KHz | 2.5-5.5 | C,I | — | — | S,W,WF |
| 24AA01SC | 1M | 1KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |
| 24AA02SC | 1M | 2KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |
| 24AA04SC | 1M | 4KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |
| 24AA08SC | 1M | 8KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |
| 24AA16SC | 1M | 16KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |
| 24AA32ASC | 1M | 32KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |
| 24AA64SC | 1M | 64KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |
| 24AA128SC | 1M | 128KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |
| 24AA256SC | 1M | 256KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |
| 24AA512SC | 1M | 512KBits*8 | 5ms | 400KHz | 1.8-5.5 | C | — | — | S,W,WF |

| 型号 | 擦写次数 | 结构密度 | 页面大小 | 写速度 | 最大时钟频率 | 操作电压(V) | 温度等级 | 特 性 | 封 装 |
|---------------------|------|--------------|------|------|--------|---------|------|--------|---------------------|
| SPI 串行 EEPROM 存储器系列 | | | | | | | | | |
| 25LC010A | 1M | 1 Kbit (x8) | 16B | 5 ms | 10 MHz | 2.5-5.5 | I, E | — | P, SN, ST, MS |
| 25AA010A | 1M | 1 Kbit (x8) | 16B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS |
| 25LC020A | 1M | 2 Kbit (x8) | 16B | 5 ms | 10 MHz | 2.5-5.5 | I, E | — | P, SN, ST, MS,MC.OT |
| 25AA020A | 1M | 2 Kbit (x8) | 16B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS,MC.OT |
| 25LC040A | 1M | 4 Kbit (x8) | 16B | 5 ms | 10 MHz | 2.5-5.5 | I, E | — | P, SN, ST, MS,MC.OT |
| 25AA040A | 1M | 4 Kbit (x8) | 16B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS,MC.OT |
| 25LC080A | 1M | 8 Kbit (x8) | 16B | 5 ms | 10 MHz | 2.5-5.5 | I, E | — | P, SN, ST, MS |
| 25AA080A | 1M | 8 Kbit (x8) | 16B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS |
| 25LC080B | 1M | 8 Kbit (x8) | 32B | 5 ms | 10 MHz | 2.5-5.5 | I, E | | P, SN, ST, MS |
| 25AA080B | 1M | 8 Kbit (x8) | 32B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS |
| 25LC160A | 1M | 16 Kbit (x8) | 16B | 5 ms | 10 MHz | 2.5-5.5 | I, E | — | P, SN, ST, MS |
| 25AA160A | 1M | 16 Kbit (x8) | 16B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS |
| 25LC160B | 1M | 16 Kbit (x8) | 32B | 5 ms | 10 MHz | 2.5-5.5 | I, E | | P, SN, ST, MS |
| 25AA160B | 1M | 16 Kbit (x8) | 32B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS |

| 型号 | 擦写次数 | 结构密度 | 页面大小 | 写速度 | 最大时钟频率 | 操作电压(V) | 温度等级 | 特 性 | 封 装 |
|---------------------|------|---------------|------|------|--------|---------|------|--------|---------------|
| SPI 串行 EEPROM 存储器系列 | | | | | | | | | |
| 25C320 | 100K | 32 Kbit (x8) | 32B | 5 ms | 3 MHz | 4.5-5.5 | I, E | — | P, SN |
| 25LC320 | 1M | 32 Kbit (x8) | 32B | 5 ms | 2 MHz | 2.5-5.5 | I, E | | P, SN, X/ST |
| 25AA320 | 1M | 32 Kbit (x8) | 32B | 5 ms | 1 MHz | 1.8-5.5 | I | | P, SN,X/ST |
| 25LC640 | 1M | 64 Kbit (x8) | 32B | 5 ms | 3 MHz | 2.5-5.5 | I, E | | P, SN, X/ST |
| 25AA640 | 1M | 64 Kbit (x8) | 32B | 5 ms | 1 MHz | 1.8-5.5 | I | | P, SN,X/ST |
| 25LC256 | 1M | 256 Kbit (x8) | 64B | 5 ms | 10 MHz | 2.5-5.5 | I, E | | P, SN, ST,MF |
| 25AA256 | 1M | 256 Kbit (x8) | 64B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST,MF |
| 25LC320A | 1M | 32 Kbit (x8) | 32B | 5 ms | 10 MHz | 2.5-5.5 | I, E | | P, SN, ST, MS |
| 25AA320A | 1M | 32 Kbit (x8) | 32B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS |
| 25LC640A | 1M | 64 Kbit (x8) | 32B | 5 ms | 10 MHz | 2.5-5.5 | I, E | | P, SN, ST, MS |
| 25AA640A | 1M | 64 Kbit (x8) | 32B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS |
| 25LC128 | 1M | 128 Kbit (x8) | 64B | 5 ms | 10 MHz | 2.5-5.5 | I, E | | P, SN, ST, MS |
| 25AA128 | 1M | 128 Kbit (x8) | 64B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MS |
| 25LC512 | 1M | 512 Kbit (x8) | 128B | 5 ms | 10 MHz | 2.5-5.5 | I, E | | P, SN, ST, MF |
| 25AA512 | 1M | 512 Kbit (x8) | 128B | 5 ms | 10 MHz | 1.8-5.5 | I | | P, SN, ST, MF |
| 25LC1024 | 1M | 1M bit (x8) | 256B | 5 ms | 20 MHz | 2.5-5.5 | I, E | | P, SM, MF |
| 25AA1024 | 1M | 1M bit (x8) | 256B | 5 ms | 20 MHz | 1.8-5.5 | I | | P, SM, MF |

| 型号 | 擦写次数 | 结构密度 | 写速度 | 最大时钟频率 | 操作电压(V) | 温度等级 | 特 性 | 封 装 |
|----------|------|----------|------|--------|---------|------|--|------------|
| ID 卡产品 | | | | | | | | |
| 24LC21A | 1M | 1KBits*8 | 10ms | 400KHz | 2.5-5.5 | C,I | 应用 DDC1/DDC2 监视 ID 接口，改良噪音滤波器，软件使能硬件写保护 | P,SN |
| 24LCS21A | 1M | 1KBits*8 | 10ms | 400KHz | 2.5-5.5 | C,I | | P,SN |
| 24LCS22A | 1M | 2KBits*8 | 10ms | 400KHz | 2.5-5.5 | I | 使控制面板和放映机实现 VESA E-EDID 1.3。包括返回 DDC1 和软件使能硬件写保护 | P,SN |
| 24LC024 | 1M | 2KBits*8 | 10ms | 400KHz | 2.5-5.5 | C,I | 可寻址，DRAM DIMM 模块和其他应用硬件写保护 | P,SN,ST,MS |
| 24LC025 | 1M | 2KBits*8 | 10ms | 400KHz | 2.5-5.5 | C,I | | P,SN,ST,MS |
| 24AA52 | 1M | 2KBits*8 | 10ms | 400KHz | 1.8-5.5 | I | 可寻址，硬件写保护和软件写保护，设计 DRAM DIMM 模块 | P,SN,ST,MS |
| 24LCS52 | 1M | 2KBits*8 | 10ms | 400KHz | 2.5-5.5 | I | | P,SN,ST,MS |

温度控制产品

温度控制产品－温度传感器

| 型号 | 典型精度(°C) | 最大精度@ 25°C(°C) | 最大温度范围(°C) | 电压范围(V) | 最大工作电流(µA) | 特 征 | 封 装 |
|-----------|----------|-------------------|------------|-------------|----------------------|---|--------------------------------------|
| 逻辑输出温度传感器 | | | | | | | |
| TC6501 | ±0.5 | ±3 | －55 到+125 | +2.7 到+5.5 | 40 | 与 MAX6501 兼容，开漏输出 | 5-Pin SOT-23A |
| TC6502 | ±0.5 | ±3 | －55 到+125 | +2.7 到+5.5 | 40 | 与 MAX6502 兼容，推挽输出 | 5-Pin SOT-23A |
| TC6503 | ±0.5 | ±3 | －55 到+125 | +2.7 到+5.5 | 40 | 与 MAX6503 兼容，开漏输出 | 5-Pin SOT-23A |
| TC6504 | ±0.5 | ±3 | －55 到+125 | +2.7 到+5.5 | 40 | 与 MAX6504 兼容，推挽输出 | 5-Pin SOT-23A |
| TC620 | ±1 | ±3 | －40 到+125 | +4.5 到+18 | 400 | 回差可调 | 8-Pin PDIP, 8-Pin SOIC |
| TC621 | 注释 1 | 注释 1 | －40 到+85 | +4.5 到+18 | 400 | 回差可调,需接外部温度传感器 | 8-Pin PDIP, 8-Pin SOIC |
| TC622 | ±1 | ±5 | －40 到+125 | +4.5 到+18 | 600 | 双输出,电阻可编程阈值 | 8-Pin PDIP, 8-Pin SOIC, 5-Pin TO-220 |
| TC623 | ±1 | ±3 | －40 到+125 | +2.7 到+4.5 | 250 | 2 个电阻可编程阈值 | 8-Pin PDIP, 8-Pin SOIC |
| TC624 | ±1 | ±5 | －40 到+125 | +2.7 到+4.5 | 300 | 双输出,电阻可编程阈值 | 8-Pin PDIP, 8-Pin SOIC |
| 电压输出温度传感器 | | | | | | | |
| MCP9700 | ±1 | ±4 | -40 到+125 | +2.3 到+5.5 | 12 | 线性热敏电阻 IC,温度斜率: 10 mV/°C | 3-Pin TO-92, 5-pin SC-70 |
| MCP9701 | ±1 | ±4 | -10 到+125 | +3.1 到+5.5 | 12 | 线性热敏电阻 IC,温度斜率: 19.53 mV/° C,与 MAX6612 斜率相同 | 3-Pin TO-92, 5-pin SC-70 |
| MCP9700A | ±1 | ±2 | -40 到+125 | +2.3 到+5.5 | 12 | 线性热敏电阻 IC,温度斜率: 10 mV/°C | 3-Pin TO-92, 5-pin SC-70 |
| MCP9701A | ±1 | ±2 | -40 到+125 | +3.1 到+5.5 | 12 | 线性热敏电阻 IC,温度斜率: 19.53 mV/° C,与 MAX6612 斜率相同 | 3-Pin TO-92, 5-pin SC-70 |
| TC1046 | ±0.5 | ±2 | －40 到+125 | +2.7 到+4.4 | 60 | 高精度温度电压转换器, 6.25mV/°C | 3-Pin SOT-23B |
| TC1047 | ±0.5 | ±2 | －40 到+125 | +2.7 到+4.4 | 60 | 高精度温度电压转换器, 10mV/°C | 3-Pin SOT-23B |
| TC1047A | ±0.5 | ±2 | －40 到+125 | +2.5 到+5.5 | 60 | 高精度温度电压转换器, 10mV/°C | 3-Pin SOT-23B |
| 串行输出温度传感器 | | | | | | | |
| MCP9800 | ±0.5 | ±1 | －55 到+125 | +2.7 到+5.5 | 400 | 兼容 SMBus/ I²C,0.0625°C 到 0.5°C 可调分辨率, 省电的一次性温度测量 | 5-Pin SOT-23 |
| MCP9801 | ±0.5 | ±1 | －55 到+125 | +2.7 到+5.5 | 400 | 兼容 SMBus I²C,0.0625°C 到 0.5°C 可调分辨率, 省电的一次性温度测量, 多点式能力 | 8-Pin MSOP, 8-pin SOIC |
| MCP9802 | ±0.5 | ±1 | －55 到+125 | +2.7 到+5.5 | 400 | 兼容 SMBus I²C,0.0625°C 到 0.5°C 可调分辨率, 省电的一次性温度测量 | 5-Pin SOT-23 |
| MCP9803 | ±0.5 | ±1 | －55 到+125 | +2.7 到+5.5 | 400 | 兼容 SMBus/ I²C,0.0625°C 到 0.5°C 可调分辨率, 省电的一次性温度测量, 多点式能力 | 8-Pin MSOP, 8-Pin SOIC |
| MCP9805 | ±0.5 | ±1 | －20 到+125 | +3.0 到+3.6 | 400 | JEDEC 容性电阻设置,兼容 SMBus/ I²C,可编程,关断模式,EVENT 输出 | 8-Pin TSSOP, 8-Pin 2X3 DFN |
| MCP98242 | ±0.5 | ±1 ⁽³⁾ | －20 到+125 | +3.0 到+3.6 | 400 | 等同于 MCP9805 基础上集成 DDR2 串口检测 EEPROM | 8-Pin TSSOP, 8-Pin 2X3 DFN |
| TC77 | ±0.5 | ±1 | －55 到+125 | +2.7 到+5.5 | 400 | 兼容的 SPI™接口, 分辨率 0.0625°C | 5-Pin SOT-23A, 8-Pin SOIC |
| TC72 | ±0.5 | ±1 | －55 到+125 | +2.65 到+5.5 | 400 | 兼容的 SPI™接口, 分辨率 0.0625°C, 省电的一次性温度测量 | 8-Pin MSOP, 8-Pin 3x3 DFN |
| TC74 | ±0.5 | ±2 | －40 到+125 | +2.7 到+5.5 | 350 | 兼容 SMBus/ I²C™接口, 分辨率 1°C | 5-Pin SOT-23A, 5-Pin TO-220 |
| TCN75 | ±0.5 | ±2 | －55 到+125 | +2.7 到+5.5 | 1,000 ⁽²⁾ | 兼容 SMBus/ I²C™接口, 分辨率 0.5°C, 中断输出, 多点式能力 | 8-Pin MSOP, 8-Pin SOIC |
| TCN75A | ±0.5 | ±2 | －40 到+125 | +2.7 到+5.5 | 500 | 兼容 SMBus/ I²C™接口, 可调节精度, 分辨率 0.0625°C—0.5°C, 多点式能力 | 8-Pin MSOP, 8-Pin SOIC |

注释 1: 这些器件需外接一个温度传感器, 总精度需考虑外部传感器
2: TCN75 电流 250uA.这个器件有软件关断功能, 可使电流<1uA.
3: MCP9805 在 85°C 测量的 精度

温度控制产品—直流无刷风扇控制和风扇故障检测

| 型号 | 描述 | 典型精度 (°C) | 最大精度@25°C(°C) | 工作温度范围(°C) | 工作电压范围(V) | 最大工作电流(uA) | 特 征 | 封 装 |
|--------|-----------------|-----------|---------------|------------|------------|------------|--------------------------------|-----------------------------------|
| TC642 | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 1000 | FanSense™风扇监视器，最小风扇速度控制 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC642B | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 400 | FanSense™风扇监视器，最小风扇速度控制，风扇自动重启 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC646 | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 1000 | FanSense™风扇监视器，自动关闭 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC646B | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 400 | FanSense™风扇监视器，自动关闭，风扇自动重启 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC647 | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 1000 | FanSense™风扇监视器，最小风扇速度控制 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC647B | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 400 | FanSense™风扇监视器，最小风扇速度控制，风扇自动重启 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC648 | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 1000 | 过温警报，自动关闭 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC648B | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 400 | 过温警报，自动关闭，风扇自动重启 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC649 | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 1000 | FanSense™风扇监视器，自动关闭 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC649B | 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 400 | FanSense™风扇监视器，自动关闭，风扇自动重启 | 8-Pin PDIP, 8-Pin SOIC,8-Pin MSOP |
| TC650 | 风扇管理 | ±1 | ±3 | -40 到+125 | +2.8 到+5.5 | 90 | 过温警报 | 8-Pin MSOP |
| TC651 | 风扇管理 | ±1 | ±3 | -40 到+125 | +2.8 到+5.5 | 90 | 过温警报，自动关闭 | 8-Pin MSOP |
| TC652 | 风扇管理 | ±1 | ±3 | -40 到+125 | +2.8 到+5.5 | 90 | FanSense™风扇监视器，过温警报 | 8-Pin MSOP |
| TC653 | 风扇管理 | ±1 | ±3 | -40 到+125 | +2.8 到+5.5 | 90 | FanSense™风扇监视器，过温警报，自动关闭 | 8-Pin MSOP |
| TC654 | 双 SMBus 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 320 | FanSense™风扇监视器，RPM 数据 | 10-Pin MSOP |
| TC655 | 双 SMBus 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 320 | FanSense™风扇监视器，RPM 数据，过温警报 | 10-Pin MSOP |
| TC664 | 单 SMBus 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 320 | FanSense™风扇监视器，RPM 数据 | 10-Pin MSOP |
| TC665 | 单 SMBus 风扇管理 | 注释 1 | 注释 1 | -40 到+85 | +3.0 到+5.5 | 320 | FanSense™风扇监视器，RPM 数据，过温警报 | 10-Pin MSOP |
| TC670 | 风扇故障监测 | — | — | -40 到+85 | +3.0 到+5.5 | 150 | FanSense™风扇监视器，可编程阈值 | 6-Pin SOT-23 |

注释 1：这些器件需外接一个温度传感器，总精度需考虑外部传感器

电源管理产品

电源管理产品—电压基准源

| 型 号 | Vcc 范围(V) | 输出电压(V) | 最大负载电流(mA) | 初始精度(max.%) | 温度系数(ppm/°C) | 最大工作电流(μA @ 25°C) | 封 装 |
|---------|-----------|---------|------------|-------------|--------------|-------------------|-----------------------------|
| MCP1525 | 2.7-5.5 | 2.5 | ±2 | ±1 | 50 | 100 | 3Pin-TO-92,3 Pin -SOT-23B |
| MCP1541 | 4.3-5.5 | 4.096 | ±2 | ±1 | 50 | 100 | 3 Pin -TO-92,3 Pin -SOT-23B |

电源管理产品—线性调整器

| 型号 | 最大输入电压(V) | 输出电压(V) | 输出电流(mA) | 节点温度范围(°C) | 典型工作电流(μA) | 典型压降最大IOUT (mV) | 典型输出电压精度(%) | 特 征 | 封 装 |
|----------------------------|-----------|---|----------|------------|------------|-----------------|-------------|-------------------|--|
| 50mA—250mA 低压差线性调整器 | | | | | | | | | |
| TC2014 | 6.0 | 1.8,2.7,2.8,3.0,3.3 | 50 | -40 到+125 | 55 | 45 | ±0.4 | 可关断, 参考电压输入 | 5-Pin SOT-23A |
| TC1014 | 6.0 | 1.8,2.5,2.7,2.8,2.85,3.0,3.3,3.6,4.0,5.0 | 50 | -40 到+125 | 50 | 85 | ±0.5 | 可关断, 参考电压输入 | 5-Pin SOT-23A |
| TC2054 | 6.0 | 1.8,2.7,2.8,3.0,3.3 | 50 | -40 到+125 | 55 | 45 | ±0.4 | 可关断, 误差输出 | 5-Pin SOT-23A |
| TC1054 | 6.0 | 1.8, 2.5, 2.7, 2.8, 2.85, 3.0, 3.3, 3.6, 4.0, 5.0 | 50 | -40 到+125 | 50 | 85 | ±0.5 | 可关断, 误差输出 | 5-Pin SOT-23A |
| TC1070 | 6.0 | 1.23 → V _{IN} | 50 | -40 到+125 | 50 | 85 | — | 可关断, 输出可调 | 5-Pin SOT-23A |
| TC1072 | 6.0 | 2.5, 2.7, 2.8, 2.85, 3.0, 3.3, 3.6, 4.0, 5.0 | 50 | -40 到+125 | 50 | 85 | ±0.5 | 可关断, 参考电压输入, 误差输出 | 6-Pin SOT-23A |
| TC1223 | 6.0 | 2.5, 2.7, 2.8, 3.0, 3.3, 3.6, 4.0, 5.0 | 50 | -40 到+125 | 50 | 85 | ±0.5 | 可关断 | 5-Pin SOT-23A |
| TC1016 | 6.0 | 1.8, 2.7, 2.8, 3.0 | 80 | -40 到+125 | 50 | 150 | ±0.5 | 可关断 | 5-Pin SC-70 |
| TC2015 | 6.0 | 1.8, 2.7, 2.8, 3.0, 3.3 | 100 | -40 到+125 | 55 | 90 | ±0.4 | 可关断, 参考电压输入 | 5-Pin SOT-23A |
| TC1015 | 6.0 | 1.8, 2.5, 2.7, 2.8, 2.85, 3.0, 3.3, 3.6, 4.0, 5.0 | 100 | -40 到+125 | 50 | 180 | ±0.5 | 可关断, 参考电压输入 | 5-Pin SOT-23A |
| TC2055 | 6.0 | 1.8, 2.7, 2.8, 3.0, 3.3 | 100 | -40 到+125 | 55 | 90 | ±0.4 | 可关断, 误差输出 | 5-Pin SOT-23A |
| TC1055 | 6.0 | 1.8, 2.5, 2.7, 2.8, 2.85, 3.0, 3.3, 3.6, 4.0, 5.0 | 100 | -40 到+125 | 50 | 180 | ±0.5 | 可关断, 误差输出 | 5-Pin SOT-23A |
| TC1071 | 6.0 | 1.23 → V _{IN} | 100 | -40 到+125 | 50 | 180 | — | 可关断, 输出可调 | 5-Pin SOT-23A |
| TC1073 | 6.0 | 2.5, 2.7, 2.8, 2.85, 3.0, 3.3, 3.6, 4.0, 5.0 | 100 | -40 到+125 | 50 | 180 | ±0.5 | 可关断, 参考电压输入, 误差输出 | 6-Pin SOT-23A |
| TC1224 | 6.0 | 2.5, 2.7, 2.8, 3.0, 3.3, 3.6, 4.0, 5.0 | 100 | -40 到+125 | 50 | 180 | ±0.5 | 可关断 | 5-Pin SOT-23A |
| TC1188 | 6.0 | 1.8, 2.8, 2.84, 3.15 | 120 | -40 到+125 | 50 | 130 | ±0.5 | 可关断 | 5-Pin SOT-23A |
| TC1189 | 6.0 | 1.8, 2.8, 2.84, 3.15 | 120 | -40 到+125 | 50 | 130 | ±0.5 | 可关断 | 5-Pin SOT-23A |
| TC2185 | 6.0 | 1.8, 2.7, 2.8, 3.0, 3.3 | 150 | -40 到+125 | 55 | 140 | ±0.4 | 可关断, 参考电压输入 | 5-Pin SOT-23A |
| TC1185 | 6.0 | 1.8, 2.5, 2.7, 2.8, 2.85, 3.0, 3.3, 3.6, 4.0, 5.0 | 150 | -40 到+125 | 50 | 270 | ±0.5 | 可关断, 参考电压输入 | 5-Pin SOT-23A |
| TC2186 | 6.0 | 1.8, 2.7, 2.8, 3.0, 3.3 | 150 | -40 到+125 | 55 | 140 | ±0.4 | 可关断, 误差输出 | 5-Pin SOT-23A |
| TC1186 | 6.0 | 1.8, 2.5, 2.7, 2.8, 2.85, 3.0, 3.3, 3.6, 4.0, 5.0 | 150 | -40 到+125 | 50 | 270 | ±0.5 | 可关断, 误差输出 | 5-Pin SOT-23A |
| TC1187 | 6.0 | 1.23 → V _{IN} | 150 | -40 到+125 | 50 | 270 | — | 可关断, 输出可调 | 5-Pin SOT-23A |
| TC1017 | 6.0 | 1.8, 2.6, 2.7, 2.8, 2.85, 2.9, 3.3, 3.4 | 150 | -40 到+125 | 53 | 285 | ±0.5 | 可关断 | 5-Pin SOT-23A,5-Pin SC-70 |
| MCP1700 | 6.0 | 1.2, 1.8, 2.5, 3.0, 3.3, 5.0 | 250 | -40 到+125 | 1 | 300 | ±0.4 | 1.0uF 陶瓷帽稳定, 短路保护 | 3-Pin SOT-23A, 3-Pin SOT-89, 3-Pin TO-92 |
| MCP1701A | 10 | 1.8, 2.5, 3.0, 3.3, 5.0 | 250 | -40 到+85 | 1.1 | 380 | ±0.5 | 最大 10V 输入电压 | 3-Pin SOT-23A, 3-Pin SOT-89, 3-Pin TO-92 |

| 型号 | 最大输入电压 (V) | 输出电压 (V) | 输出电流 (Ma) | 节点温度 范围(°C) | 典型工作 电流(μA) | 典型压降最大 IOUT (Mv) | 典型输出电压 精度(%) | 特 征 | 封 装 |
|----------------------------|---------------|--|-------------------------|----------------|----------------|------------------------|-----------------|----------------------------------|---|
| 50mA—250mA 低压差线性调整器 | | | | | | | | | |
| MCP1702 | 12 | 1.2,1.5,1.8, 2.5, 2.8,3.0, 3.5,4.0,5.0 | 250 | -40 到+125 | 2 | 650 | ±0.4 | 超低功耗,最大输入电压 12V | 3-Pin SOT-23A, 3-Pin SOT-89, 3-Pin TO-92, |
| 300mA 低压差线性调整器 | | | | | | | | | |
| TC1107 | 6.0 | 2.5, 2.7, 2.8, 3.0, 3.3, 5.0 | 300 | -40 到+125 | 50 | 240 | ±0.5 | 可关断, 参考电压输入,误差输出 | 8-Pin MSOP, 8-Pin SOIC |
| TC1108 | 6.0 | 2.5, 2.7, 2.8, 3.0, 3.3, 5.0 | 300 | -40 到+125 | 50 | 240 | ±0.5 | — | 3-Pin SOT-223 |
| TC1173 | 6.0 | 2.5, 2.7, 2.8, 3.0, 3.3, 5.0 | 300 | -40 到+125 | 50 | 240 | ±0.5 | 可关断, 参考电压输入,误差输出 | 8-Pin MSOP, 8-Pin SOIC |
| TC1174 | 6.0 | 1.23 → V _{IN} | 300 | -40 到+125 | 50 | 240 | — | 可关断, 参考电压输入,可调 | 8-Pin MSOP, 8-Pin SOIC |
| TC1269 | 6.0 | 2.5, 2.8, 3.0, 3.3, 5.0 | 300 | -40 到+125 | 50 | 240 | ±0.5 | 可关断, 参考电压输入 | 8-Pin MSOP |
| 500—800mA 低压差线性调整器 | | | | | | | | | |
| TC1262 | 6.0 | 2.5, 2.8, 3.0, 3.3, 5.0 | 500 | -40 到+125 | 80 | 350 | ±0.5 | | 3-Pin TO-220, 3-PinDDPAK, 3-Pin SOT-223 |
| TC1263 | 6.0 | 2.5, 2.8, 3.0, 3.3, 5.0 | 500 | -40 到+125 | 80 | 350 | ±0.5 | 可关断, 参考电压输入,误差输出 | 8-Pin SOIC, 5-PinTO-220, 5-Pin DDPAK |
| TC1268 | 6.0 | 2.5 | 500 | -40 到+125 | 80 | 350 | ±0.5 | 可关断, 参考电压输入,误差输出 | 8-Pin SOIC |
| TC1264 | 6.0 | 1.8, 2.5, 3.0, 3.3 | 800 | -40 到+125 | 80 | 450 | ±0.5 | | 3-Pin TO-220, 3-PinDDPAK, 3-Pin SOT-223 |
| TC1265 | 6.0 | 1.8, 2.5, 3.0, 3.3 | 800 | -40 到+125 | 80 | 450 | ±0.5 | 可关断, 参考电压输入,误差输出 | 8-Pin SOIC, 5-PinTO-220, 5-Pin DDPAK |
| TC2117 | 6.0 | 1.8, 2.5, 3.0, 3.3 | 800 | -40 到+125 | 80 | 600 | ±0.5 | | 3-Pin DDPAK, 3-Pin SOT-223 |
| 1A 及 1A 以上的低压差线性调整器 | | | | | | | | | |
| MCP1726 | 6.0 | 固定: 5,3,3,3,2.5, 1.8, 1.2,0.8 可调节:0.8 到 0.5 | 1000 | -40 到+125 | 140 | 300 | ±0.4 | 陶瓷输出电容稳定, 可关断, 功率良好 | 8-Pin 3X3 DFN, 8-Pin SOIC |
| MCP1727 | 6.0 | 固定: 5,3,3,3,2.5, 1.8, 1.2,0.8 可调节:0.8 到 0.5 | 1500 | -40 到+125 | 140 | 330 | ±0.5 | 陶瓷输出电容稳定, 可关断, 功率良好 | 8-Pin 3X3 DFN, 8-Pin SOIC |
| MCP1827 | 6.0 | 固定: 5,3,3,3,2.5, 1.8, 1.2,0.8 可调节:0.8 到 0.5 | 1500 | -40 到+125 | 140 | 330 | ±0.5 | 陶瓷输出电容稳定, 可关断, 功率良好 | 5-Pin DDPAK, 5-Pin TO-220 |
| MCP1827S | 6.0 | 固定: 5,3,3,3,2.5, 1.8, 1.2,0.8 | 1500 | -40 到+125 | 140 | 330 | ±0.5 | 陶瓷输出电容稳定 | 5-Pin DDPAK, 5-Pin TO-220 |
| 特殊应用的低压差线性调整器 | | | | | | | | | |
| TC1266 | 6.0 | 3.3 | 200 | -5 到+70 | 230 | 200 | ±1.0 | 自适应 PCI | 8-Pin SOIC, 8-Pin MSOP |
| TC1267 | 6.0 | 3.3 | 400 | -5 到+70 | 230 | 300 | ±1.0 | 自适应 PCI | 5-Pin DDPAK |
| TC57 | 8 | 2.5,3.0,3.3 | 4000 | -40 到+85 | 50 | 100 | ±2.0 | 可关断,外部晶体管 | 5-Pin SOT-23A |
| TC59 | -10 | -3.0, -5.0 | 100 | -40 到+85 | 3 | 380 | ±0.5 | 负 LDO | 3-Pin SOT-23A |
| 电源管理混和产品 | | | | | | | | | |
| TC1300 | 6.0 | 2.5, 2.7, 2.8, 2.85, 3.0, 3.3 | 300 | -40 到+125 | 80 | 210 | ±0.5 | 可关断, 参考电压输入, LDO 正电压输出 | 8-Pin MSOP |
| TC1301A | 6.0 | LDO1: 1.5-3.3,LDO2: 1.5-3.3 | LDO1: 300, LDO2: 150 | -40 到+125 | 103 | LDO1: 104 LDO2: 150 | ±0.5 | 双 LDO 正电压输出, 可关断, 参考电压输入, 电压检测 | 8-Pin MSOP,8-Pin 3x3 DFN |
| TC1301B | 6.0 | LDO1: 1.5-3.3,LDO2: 1.5-3.3 | LDO1: 300, LDO2: 150 | -40 到+125 | 114 | LDO1: 104 LDO2: 150 | ±0.5 | 双 LDO 正电压输出, 可单独关断一个输出通道, 参考电压输入 | 8-Pin MSOP,8-Pin 3x3 DFN |

| 型号 | 最大输入电压 (V) | 输出电压 (V) | 输出电流 (Ma) | 节点温度 范围(°C) | 典型工作 电流(μA) | 典型压降最大 IOUT (Mv) | 典型输出电压 精度(%) | 特 征 | 封 装 |
|----------|---------------|-----------------------------|-------------------------|----------------|----------------|------------------------|-----------------|----------------------------------|--------------------------|
| 电源管理混和产品 | | | | | | | | | |
| TC1302A | 6.0 | LDO1: 1.5-3.3,LDO2: 1.5-3.3 | LDO1: 300, LDO2: 150 | -40 到+125 | 103 | LDO1: 104 LDO2: 150 | ±0.5 | 双 LDO,输出可关断, 参考电压输入 | 8-Pin MSOP,8-Pin 3x3 DFN |
| TC1302B | 6.0 | LDO1: 1.5-3.3,LDO2: 1.5-3.3 | LDO1: 300, LDO2: 150 | -40 到+125 | 114 | LDO1: 104 LDO2: 150 | ±0.5 | 双 LDO,可单独关断一个输出通道, 参考电压输入 | 8-Pin MSOP,8-Pin 3x3 DFN |
| TC1305 | 6.0 | 2.5, 2.8, 3.0 | 150 | -40 到+125 | 120 | 240 | ±0.5 | 双 LDO 正电压输出, 可关断, 参考电压输入,可选择输出电压 | 10-Pin MSOP |
| TC1306 | 6.0 | 1.8, 2.8, 3.0 | 150 | -40 到+125 | 120 | 240 | ±0.5 | 双 LDO 正电压输出,可关断,可选择输出电压 | 8-Pin MSOP |
| TC1307 | 6.0 | 1.8, 2.5, 2.8, 3.0 | 150 | -40 到+125 | 220 | 200 | ±0.5 | 双 LDO 正电压输出,可关断,可选择输出电压 | 16-Pin MSOP |

电源管理产品—开关调整器

| 型号 | 描 述 | 输入电压范围 (V) | 输出电压 (V) | 工作温度范围 (°C) | 控制方式 | 开关频率 (kHz) | 典型工作电流 (μA) | 输出电流 (mA) | 特 征 | 封 装 |
|----------|-------------------|---------------------|----------------------------------|----------------|-------------|---------------|------------------|------------------------|--|--------------------------------|
| MCP1601 | 同步降压调整器 | 2.7-5.5 | 0.9- V _{IN} | -40 到+85 | PFM/PWM/LDO | 750 | 825(PWM)125(PFM) | 500 | UVLO,自动开关, LDO | 8-Pin MSOP |
| MCP1602 | 同步降压调整器 | 2.7-5.5 | 0.8-4.5 | -40 到+85 | PFM/PWM | 2000 | 35 | 500 | PFM,PWM 自动开关,UVLO, 软启动, 功率良好指示器 | 10-Pin MSOP 10-Pin 3x3 DFN |
| *MCP1603 | 同步降压 DC/DC 调整器 | 2.7-5.5 | 0.8-4.5 | -40 到+85 | PFM/PWM | 2000 | 35 | 500 | PFM,PWM 自动开关,UVLO, 软启动 | 5-Pin SOT-23, 8-Pin 2x3 DFN |
| *MCP1604 | 同步降压 DC/DC 调整器 | 2.7-5.5 | 0.8-4.5 | -40 到+85 | PFM/PWM | 2000 | 40 | 1200 | PFM,PWM 自动开关,UVLO, 软启动, 功率良好 | 10-Pin MSOP 10-Pin 3x3 DFN |
| MCP1612 | 同步降压 DC/DC 调整器 | 2.7-V _{in} | 0.8-5.5 | -40 到+85 | 固定频率 PWM | 1400 | 10000 | 1000 | 高效率>94%,软启动, 过温和过流保护 | 8Pin MSOP, 8Pin 3x3 DFN |
| MCP1650 | 升压 DC/DC 控制器 | 2.7-5.5 | 2.5-ext.tx limited | -40 到+125 | 固定频率 | 750 | 120 | 560/440 | 最小 2 个工作周期和最大负载, 关断控制, UVLO, 软启动 | 8-Pin MSOP |
| MCP1651 | 升压 DC/DC 控制器 | 2.7-5.5 | 2.5-ext.tx limited | -40 到+125 | 固定频率 | 750 | 120 | 560/440 | 最小 2 个工作周期和最大负载, 关断控制, 低电池监测, UVLO, 软启动 | 8-Pin MSOP |
| MCP1652 | 升压 DC/DC 控制器 | 2.7-5.5 | 2.5-ext.tx limited | -40 到+125 | 固定频率 | 750 | 120 | 560/440 | 最小 2 个工作周期和最大负载, 关断控制, Power Good 指示, UVLO, 软启动 | 8-Pin MSOP |
| MCP1653 | 升压 DC/DC 控制器 | 2.7-5.5 | 2.5-ext.tx limited | -40 到+125 | 固定频率 | 750 | 120 | 560/440 | 最小 2 个工作周期和最大负载, 关断控制, 低电池监测, Power Good 指示, UVLO, 软启动 | 10-Pin MSOP |
| TC105 | 降压 DC/DC 控制器 | 2.2-10 | 3.0, 3.3, 5.0 | -40 到+85 | PFM/PWM | 300 | 57 | 1000 | 低功耗关断模式 | 5-Pin SOT-23A |
| TC120 | 升压 DC/DC 调整器 | 1.8-10 | 3.0, 3.3, 5.0 | -40 到+85 | PFM/PWM | 300 | 52 | 2000 | 软启动, 低功耗关断模式 | 8-Pin SOP |
| TC125 | 升压 DC/DC 调整器 | 0.9-10 | 3.0, 3.3, 5.0 | -40 到+85 | PFM | 100 | 20 | 80 | 低功耗关断模式。不推荐在新设计中使用 | 5-Pin SOT-23A |
| TC126 | 升压 DC/DC 调整器 | 0.9-10 | 3.0, 3.3, 5.0 | -40 到+85 | PFM | 100 | 20 | 80 | 反馈电压传感。不推荐在新设计中使用 | 5-Pin SOT-23A |
| TC115 | 升压 DC/DC 调整器 | 0.9-10 | 3.0, 3.3, 5.0 | -40 到+85 | PFM/PWM | 100 | 80 | 140 | 反馈电压感应, 低功耗关断模式 | 5-Pin SOT-89 |
| TC110 | 升压 DC/DC 控制器 | 2.0-10 | 3.0, 3.3, 5.0 | -40 到+85 | PFM/PWM | 100/300 | 50/120 | 300 | 软启动, 低功耗关断模式 | 5-Pin SOT-23A |
| TC1303 | 同步降压控制器,LDOw/功率良好 | 2.7-5.5 | DC/DC:0.8 到 4.5 LDO:1.5 到 3.3 | -40 到+85 | PFM/PWM | 2000 | 65/600 | DC/DC:500m LDO:300m | PFM/PWM 自动开关,功率良好输出 | 10-Pin MSOP 10-Pin 3X3 DFN |
| TC1304 | 同步降压调整器,LDO | 2.7-5.5 | DC/DC:0.8 到 4.5 LDO:1.5 到 3.3 | -40 到+85 | PFM/PWM | 2000 | 65/600 | DC/DC:500m LDO:300m | PFM/PWM 自动开关, 功率顺序 | 10-Pin MSOP 10-Pin 3X3 DFN |

| 型号 | 描 述 | 输入电压范围 (V) | 输出电压 (V) | 工作温度范围 (°C) | 控制方式 | 开关频率 (kHz) | 典型工作电流 (μA) | 输出电流 (mA) | 特 征 | 封 装 |
|--------|-------------|---------------|----------------------------------|----------------|---------|---------------|----------------|------------------------|--------------|-------------------------------|
| TC1313 | 同步降压调整器,LDO | 2.7-5.5 | DC/DC:0.8 到 4.5 LDO:1.5 到 3.3 | -40 到+85 | PFM/PWM | 2000 | 65/600 | DC/DC:500m LDO:300m | PFM/PWM 自动开关 | 10-Pin MSOP 10-Pin 3X3 DFN |

电源管理产品—PWM 控制器

| 型号 | 描 述 | 输入电压范围 (V) | 输出电压 (V) | 工作温度范围 (°C) | 控制方式 | 开关频率 (kHz) | 典型工作电流 (μA) | 输出电流 (mA) | 特征 | 封 装 |
|----------|-----------------------------------|---------------|---------------------|----------------|----------------------|---------------|----------------|--------------|------------------|------------|
| MCP1630 | 高速 PWM 配合使用 PIC [®] MCUs | 2.7-5.5 | VSS+0.2V 到 VDD-0.2V | -40 到+125 | Cycle-by-Cycle DC 控制 | 1000 | 2.5 | ± 10 | UVLO, 响应时间<25 ns | 8-Pin MSOP |
| MCP1630V | 高速 PWM 配合使用 PIC [®] MCUs | 2.7-5.5 | VSS+0.2V 到 VDD-0.2V | -40 到+125 | Cycle-by-Cycle DC 控制 | 1000 | 2.5 | ± 10 | 电压模式和平均电流模式 | 8-Pin MSOP |

电源管理产品—充电泵 DC-DC 转换器

| 型号 | 输入电压范围 (V) | 输出电压 (V) | 工作温度范围 (°C) | 最大输入电流 ⁽¹⁾ (μA) | 典型输出电流 (mA) | 特 征 | 封 装 |
|-----------------|-------------------------|--|----------------|-------------------------------|----------------------------------|-------------------------|-----------------------------------|
| 负倍压充电泵 | | | | | | | |
| TC1044S | 1.5-12 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 160 | 20 | 85kHz 振荡器,升压模式 | 8-Pin PDIP, 8-Pin SOIC |
| TC7660 | 1.5-10 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 180 | 20 | 10 kHz 振荡器 | 8-Pin PDIP, 8-Pin SOIC |
| TC7660H | 1.5-10 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 1000 | 20 | 120 kHz 振荡器 | 8-Pin PDIP, 8-Pin SOIC |
| TC7660S | 1.5-12 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 160 | 20 | 45kHz 振荡器,升压模式 | 8-Pin PDIP, 8-Pin SOIC |
| TC7662B | 1.5-15 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 180 | 20 | 35kHz 振荡器,升压模式 | 8-Pin PDIP, 8-Pin SOIC |
| TC1219 | 1.5-5.5 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 115 | 25 | 12kHz 振荡器,低功耗关断模式 | 6-Pin SOT-23A |
| TC1220 | 1.5-5.5 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 325 | 25 | 35kHz 振荡器,低功耗关断模式 | 6-Pin SOT-23A |
| TC1221 | 1.8-5.5 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 600 | 25 | 12kHz 振荡器,关断模式 | 6-Pin SOT-23A |
| TC1222 | 1.8-5.5 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 2800 | 25 | 750kHz 振荡器,关断模式 | 6-Pin SOT-23A |
| TCM828 | 1.5-5.5 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 90 | 25 | 12kHz 振荡器 | 5-Pin SOT-23A |
| TCM829 | 1.5-5.5 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 260 | 25 | 35kHz 振荡器 | 5-Pin SOT-23A |
| TC1240 | 2.5-4 | V _{OUT} = 2 V _{IN} | -40 到+85 | 900 | 40 | 160kHz 振荡器, 关断模式 | 6-Pin SOT-23A |
| TC1240A | 2.5-5.5 | V _{OUT} = 2 V _{IN} | -40 到+85 | 900 | 40 | 160kHz 振荡器, 关断模式 | 6-Pin SOT-23A |
| TC7662A | 3-18 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 200 | 40 | 12kHz 振荡器 | 8-Pin PDIP |
| TC962 | 3-18 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 200 | 80 | | 8-Pin PDIP, 16-Pin SOIC |
| TC1121 | 2.4-5.5 | V _{OUT} = - V _{IN} or V _{OUT} = 2 V _{IN} | -40 到+85 | 100 | 100 | 低功耗关断模式 | 8-Pin MSOP, 8-Pin PDIP,8-Pin SOIC |
| 多功能充电泵 | | | | | | | |
| TCM680 | 2.0-5.5 | V _{OUT} =±2 V _{IN} | -40 到+85 | 1000 | ± 10 | 从+3V 生成±6V 或从+5V 生成±10V | 8-Pin PDIP, 8-Pin SOIC |
| 负压和倍压充电泵 | | | | | | | |
| TC682 | 2.4-5.5 | V _{OUT} = - 2V _{IN} | -40 到+85 | 400 | 10 | 12kHz 振荡器 | 8-Pin PDIP, 8-Pin SOIC |
| 可调节充电泵 | | | | | | | |
| MCP1252 | 2.1/2.7 到 5.5,2.0 到 5.5 | 可选择 3.3V 或 5.0V 或可调节 1.5V-5.5V | -40 到+85 | 120 | 120 mA for V _{IN} >3.0V | 功率良好, 650 kHz 振荡器 | 8-Pin MSOP |

| 型号 | 输入电压范围 (V) | 输出电压 (V) | 工作温度范围 (°C) | 最大输入电流 ⁽¹⁾ (μA) | 典型输出电流 (mA) | 特 征 | 封 装 |
|---------------|--------------------------|--------------------------------|----------------|-------------------------------|----------------------------------|----------------|-----------------------------|
| 可调节充电泵(cont.) | | | | | | | |
| MCP1253 | 2.1/2.7 到 5.5, 2.0 到 5.5 | 可选择 3.3V 或 5.0V 或可调节 1.5V-5.5V | -40 到+85 | 120 | 120 mA for V _{IN} >3.0V | 功率良好, 1MHz 振荡器 | 8-Pin MSOP |
| MCP1256 | 1.8-3.6 | 3.3 | -40 到+85 | 100 | 100 | 功率良好, 睡眠模式 | 10-Pin MSOP, 10-Pin 3X3 DFN |
| MCP1257 | 1.8-3.6 | 3.3 | -40 到+85 | 100 | 100 | 睡眠模式, 低电池指示 | 10-Pin MSOP, 10-Pin 3X3 DFN |
| MCP1258 | 1.8-3.6 | 3.3 | -40 到+85 | 100 | 100 | 功率良好, 旁路输入/输出 | 10-Pin MSOP, 10-Pin 3X3 DFN |
| MCP1259 | 1.8-3.6 | 3.3 | -40 到+85 | 100 | 100 | 低电池指示, 旁路输入/输出 | 10-Pin MSOP, 10-Pin 3X3 DFN |

注释 1: 在 VDD=5.0V, 25°C, 无负载的情况下测量的

电源管理产品—CPU/系统管理器

| 型号 | VCC 范围 (V) | 工作温度范围 (°C) | 标称复位电压 (V) | 复位类型 | 输 出 | 典型复位脉冲宽度 (ms) | 典型工作电流 (μA) | 附加特性 | 封 装 |
|---------|---------------|----------------|---|------|-------------|------------------|----------------|-------------------------------------|--|
| MCP102 | 1.0-5.5 | -40 到+125 | 4.63, 4.38, 3.08, 2.93, 2.63, 2.32, 1.9 | 低有效 | CMOS 推挽输出 | 120 | 1 | | 3-Pin TO-92, 3-Pin SOT-23B, 3-Pin SC-70 |
| MCP103 | 1.0-5.5 | -40 到+125 | 4.63, 4.38, 3.08, 2.93, 2.63, 2.32, 1.9 | 低有效 | CMOS 推挽输出 | 120 | 1 | Max.809 Pinout | 3-Pin TO-92, 3-Pin SOT-23B, 3-Pin SC-70 |
| TCM809 | 1.2-5.5 | -40 到+85 | 4.63, 4.38, 4.00, 3.08, 2.93, 2.63, 2.32 | 低有效 | CMOS 推挽输出 | 240 | 12 | | 3-Pin SOT-23B, 3-Pin SC-70 |
| TC1270 | 1.2-5.5 | -40 到+85 | 4.63, 4.38, 3.08, 2.93, 2.63, 1.75 | 低有效 | CMOS 推挽输出 | 280 | 7 | 手动复位 | 4-Pin SOT-143 |
| TCM811 | 1.0-5.5 | -40 到+85 | 4.63, 4.38, 3.08, 2.93, 2.63, 1.75 | 低有效 | CMOS 推挽输出 | 280 | 6 | 手动复位 | 4-Pin SOT-143 |
| MCP100 | 1.0-5.5 | -40 到+85 | 4.72, 4.62, 4.47, 4.37, 3.075, 2.92, 2.62 | 低有效 | CMOS 推挽输出 | 350 | 45 | | 3-Pin TO-92, 3-Pin SOT-23B |
| MCP809 | 1.0-5.5 | -40 到+85 | 4.72, 4.62, 4.47, 4.37, 3.075, 2.92, 2.62 | 低有效 | CMOS 推挽输出 | 350 | 45 | | 3-Pin SOT-23B |
| TCM810 | 1.2-5.5 | -40 到+85 | 4.63, 4.38, 3.08, 2.93, 2.63, 2.32 | 高有效 | CMOS 推挽输出 | 240 | 12 | | 3-Pin SOT-23B, 3-Pin SC-70 |
| TC1271 | 1.2-5.5 | -40 到+85 | 4.63, 4.38, 3.08, 2.93, 2.63, 1.75 | 高有效 | CMOS 推挽输出 | 280 | 7 | 手动复位 | 4-Pin SOT-143 |
| TCM812 | 1.1-5.5 | -40 到+85 | 4.63, 4.38, 3.08, 2.93, 2.63, 1.75 | 高有效 | CMOS 推挽输出 | 280 | 6 | 手动复位 | 4-Pin SOT-143 |
| MCP101 | 1.0-5.5 | -40 到+85 | 4.72, 4.62, 4.47, 4.37, 3.075, 2.92, 2.62 | 高有效 | CMOS 推挽输出 | 350 | 45 | | 3-Pin TO-92, 3-Pin SOT-23B |
| MCP810 | 1.0-5.5 | -40 到+85 | 4.72, 4.62, 4.47, 4.37, 3.075, 2.92, 2.62 | 高有效 | CMOS 推挽输出 | 250 | 45 | | 3-Pin SOT-23B |
| MCP121 | 1.0-5.5 | -40 到+125 | 1.9, 2.32, 2.63, 2.93, 3.08, 4.38, 4.63 | 低有效 | 开漏输出 | 120 | 1 | | 3-Pin SOT-23B, 3-Pin SC-70, 3-Pin TO-92 |
| MCP120 | 1.0-5.5 | -40 到+85 | 4.72, 4.62, 4.47, 4.37, 3.075, 2.92, 2.62 | 低有效 | 开漏输出 | 350 | 45 | | 3-Pin TO-92, 3-Pin SOT-23, 8-Pin SOIC |
| MCP131 | 1.0-5.5 | -40 到+125 | 1.9, 2.32, 2.63, 2.93, 3.08, 4.38, 4.63 | 低有效 | 开漏输出 | 120 | 1 | 100k 内部上拉电阻 | 3-Pin SOT-23B, 3-Pin SC-70, 3-Pin TO-92, |
| MCP130 | 1.0-5.5 | -40 到+85 | 4.72, 4.62, 4.47, 4.37, 3.075, 2.92, 2.62 | 低有效 | 开漏输出/5k 欧上拉 | 350 | 45 | | 3-Pin TO-92, 3-Pin SOT-23, 8-Pin SOIC |
| MCP1316 | 1.0-5.5 | -40 到+125 | 2.9, 4.6 | 低有效 | CMOS 推挽输出 | 200 | 5 | WDT 输入 (WDI), 时钟输出=1.6s, 手动复位 | 5-Pin SOT-23 |
| MCP1317 | 1.0-5.5 | -40 到+125 | 2.9, 4.6 | 高有效 | CMOS 推挽输出 | 200 | 5 | WDT 输入 (WDI), 时钟输出=1.6s, 手动复位 | 5-Pin SOT-23 |

| 型号 | VCC 范围 (V) | 工作温度范围 (°C) | 标称复位电压 (V) | 复位类型 | 输 出 | 典型复位脉冲宽度 (ms) | 典型工作电流 (μA) | 附加特性 | 封 装 |
|---------|---------------|----------------|---------------|-------|---------------------|------------------|----------------|--------------------------------------|-------------------------------------|
| MCP1318 | 1.0-5.5 | -40 到+125 | 4.6 | 高/低有效 | CMOS 推挽输出 | 200 | 5 | WDT 输入 (WDI) , 时钟输出=1.6s, | 5-Pin SOT-23 |
| MCP1319 | 1.0-5.5 | -40 到+125 | 4.6 | 高/低有效 | CMOS 推挽输出 | 200 | 1 | 手动复位 | 5-Pin SOT-23 |
| MCP1320 | 1.0-5.5 | -40 到+125 | 2.9,4.6 | 低有效 | 开漏输出 | 200 | 5 | WDT 输入 (WDI) , 时钟输出=1.6s, 手动复位 | 5-Pin SOT-23 |
| MCP1321 | 1.0-5.5 | -40 到+125 | 4.6 | 低有效 | 开漏输出/ CMOS 推挽 输出 | 200 | 5 | WDT 输入 (WDI) , 时钟输出=1.6s, 手动复位 | 5-Pin SOT-23 |
| MCP1322 | 1.0-5.5 | -40 到+125 | 4.6 | 高有效 | 开漏输出/ CMOS 推挽 输出 | 200 | 1 | 手动复位,两种复 位输出 | 5-Pin SOT-23 |
| TC1232 | 4.5-5.5 | -40 到+85 | 4.62, 4.37 | 高/低有效 | 开漏输出 | 610 | 50 | WDT 定时器 | 8-Pin PDIP, 8-Pin SOIC, 16-Pin SOIC |
| TC32M | 4.5-5.5 | -40 到+85 | 4.5 | 低有效 | 开漏输出 | 700 | 50 | WDT 定时器 | 3-Pin TO-92, 3-Pin SOT-223 |

电源管理产品—电压检测器

| 型号 | VCC 范围 (V) | 工作温度范围 (°C) | 标称复位电压 (V) | 复位类型 | 输出 | 最小复位脉冲宽度 (ms) | 典型工作电流 (μA) | 特 征 | 封 装 |
|--------|---------------|----------------|--|------|----------------|------------------|----------------|------|--|
| MCP111 | 1.0-5.5 | -40 到+125 | 4.63, 4.38, 3.08, 2.93, 2.63, 2.32, 1.90 | 低有效 | 开漏输出 | — | 1 | | 3-Pin SOT-23B, 3-Pin TO-92, 3-Pin SC-70, 3-Pin SOT-89 |
| MCP112 | 1.0-5.5 | -40 到+125 | 4.63, 4.38, 3.08, 2.93, 2.63, 2.32, 1.90 | 低有效 | CMOS 推挽输出 | — | 1 | | 3-Pin SOT-23B, 3-Pin TO-92, 3-Pin SC-70, 3-Pin SOT-89 |
| TC51 | 0.7-10 | -40 到+85 | 3.0, 2.7, 2.2 | 低有效 | 开漏输出 | 50 | 1 | 复位延迟 | 3-Pin SOT-23A |
| TC52 | 1.5-10 | -40 到+85 | 4.5/2.7, 3.0/2.7 | 低有效 | 开漏输出 | — | 2 | 双通道 | 5-Pin SOT-23A |
| TC53 | 1.5-10 | -40 到+85 | 2.9, 2.7, 2.2 | 低有效 | CMOS 推挽输出或开漏输出 | — | 1 | | 5-Pin SOT-23A |
| TC54 | 0.7-10 | -40 到+85 | 7.7, 4.3, 4.2, 3.0, 2.9, 2.7, 2.1, 1.4 | 低有效 | CMOS 推挽输出或开漏输出 | — | 1 | | 3-Pin SOT-23A, 3-Pin SOT-89, 3-Pin TO-92 |

电源管理产品—功率 MOSFET 驱动器

| 型号 | 配 置 | 工作温度范围 (°C) | 最大输出电流 (A) | 输出阻抗(RH/RL) (Max. Ω @ 25°C) | 最大工作电压 (V) | 输入/输出延迟 (td1, td2) ⁽¹⁾ (ns) | 封 装 |
|---------------------------|--------------|----------------|---------------|--------------------------------|---------------|---|------------------------------------|
| 低端驱动器, 最高输出电流 0.5A 到 1.2A | | | | | | | |
| TC1410 | 单驱动器, 反相 | -40 到+85 | 0.5 | 22/22 | 16 | 30/30 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| TC1410N | 单驱动器, 无反相 | -40 到+85 | 0.5 | 22/22 | 16 | 30/30 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| TC1411 | 单驱动器, 反相 | -40 到+85 | 1 | 11/11 | 16 | 30/30 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| TC1411N | 单驱动器, 无反相 | -40 到+85 | 1 | 11/11 | 16 | 30/30 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| TC1426 | 双驱动器, 反相 | 0 到+70 | 1.2 | 18/18 | 16 | 75/75 | 8-Pin PDIP, 8-Pin SOIC |
| TC1427 | 双驱动器, 无反相 | 0 到+70 | 1.2 | 18/18 | 16 | 75/75 | 8-Pin PDIP, 8-Pin SOIC |
| TC1428 | 双驱动器, 反相/无反相 | 0 到+70 | 1.2 | 18/18 | 16 | 75/75 | 8-Pin PDIP, 8-Pin SOIC |
| TC4467 | 四驱动器, 反相 | -40 到+85 | 1.2 | 15/15 | 18 | 40/40 | 14-Pin PDIP, 16-Pin SOIC (W) |

| 型号 | 配 置 | 工作温度范围 (°C) | 最大输出电流 (A) | 输出阻抗(RH/RL) (Max. Ω @ 25°C) | 最大工作电压 (V) | 输入/输出延迟 (td1, td2) ⁽¹⁾ (ns) | 封 装 |
|----------------------------------|------------------|----------------|---------------|---------------------------------------|---------------|---|---|
| 低端驱动器, 最高输出电流 0.5A 到 1.2A | | | | | | | |
| TC4468 | 四驱动器, 无反相 | -40 到+85 | 1.2 | 15/15 | 18 | 40/40 | 14-Pin PDIP, 16-Pin SOIC (W) |
| TC4469 | 四驱动器, 无反相 | -40 到+85 | 1.2 | 15/15 | 18 | 40/40 | 14-Pin PDIP, 16-Pin SOIC (W) |
| 低端驱动器, 最高输出电流 1.5A | | | | | | | |
| TC4403 | 单驱动器, 无反相漂移负载驱动器 | -40 到+85 | 1.5 | 5/5 | 18 | 33/38 | 8-Pin PDIP |
| TC4426A | 双驱动器, 反相 | -40 到+125 | 1.5 | 9/9 | 18 | 30/30 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin DFN |
| TC4427A | 双驱动器, 无反相 | -40 到+125 | 1.5 | 9/9 | 18 | 30/30 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin DFN |
| TC4428A | 双驱动器, 反相和无反相 | -40 到+125 | 1.5 | 9/9 | 18 | 30/30 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin DFN |
| TC4426 | 双驱动器, 反相 | -40 到+125 | 1.5 | 10/10 | 18 | 20/40 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin DFN, 8-Pin MSOP |
| TC4427 | 双驱动器, 无反相 | -40 到+125 | 1.5 | 10/10 | 18 | 20/40 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin DFN, 8-Pin MSOP |
| TC4428 | 双驱动器, 反相和无反相 | -40 到+125 | 1.5 | 10/10 | 18 | 20/40 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin DFN, 8-Pin MSOP |
| TC426 | 双驱动器, 反相 | -40 到+85 | 1.5 | 15/10 | 18 | 50/75 | 8-Pin PDIP, 8-Pin SOIC |
| TC427 | 双驱动器, 无反相 | -40 到+85 | 1.5 | 15/10 | 18 | 50/75 | 8-Pin PDIP, 8-Pin SOIC |
| TC428 | 双驱动器, 反相和无反相 | -40 到+85 | 1.5 | 15/10 | 18 | 50/75 | 8-Pin PDIP, 8-Pin SOIC |
| TC4404 | 双驱动器, 反相 | -40 到+85 | 1.5 | 10/10 | 18 | 15/32 | 8-Pin PDIP, 8-Pin SOIC |
| TC4405 | 双驱动器, 无反相 | -40 到+85 | 1.5 | 10/10 | 18 | 15/32 | 8-Pin PDIP, 8-Pin SOIC |
| 低端驱动器, 最高输出电流 2.0A—12.0A | | | | | | | |
| TC1412 | 单驱动器, 反相 | -40 到+85 | 2 | 6/6 | 16 | 35/35 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| TC1412N | 单驱动器, 无反相 | -40 到+85 | 2 | 6/6 | 16 | 35/35 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| TC1413 | 单驱动器, 反相 | -40 到+85 | 3 | 4/4 | 16 | 35/35 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| TC1413N | 单驱动器, 无反相 | -40 到+85 | 3 | 4/4 | 16 | 35/35 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| TC4423A | 双驱动器, 反相 | -40 到+125 | 3 | 3(typ)/4(typ) | 18 | 40(typ)/40(typ) | 8-Pin PDIP, 8-Pin SOIC, 8-Pin DFN |
| TC4424A | 双驱动器, 无反相 | -40 到+125 | 3 | 3(typ)/4(typ) | 18 | 40(typ)/40(typ) | 8-Pin PDIP, 8-Pin SOIC, 8-Pin DFN |
| TC4425A | 双驱动器, 反相和无反相 | -40 到+125 | 3 | 3(typ)/4(typ) | 18 | 40(typ)/40(typ) | 8-Pin PDIP, 8-Pin SOIC, 8-Pin DFN |
| TC4423 | 双驱动器, 反相 | -40 到+125 | 3 | 5/5 | 18 | 33/38 | 8-Pin PDIP, 16-Pin SOIC (W), 8-Pin DFN |
| TC4424 | 双驱动器, 无反相 | -40 到+125 | 3 | 5/5 | 18 | 33/38 | 8-Pin PDIP, 16-Pin SOIC (W), 8-Pin DFN |
| TC4425 | 双驱动器, 反相和无反相 | -40 到+125 | 3 | 5/5 | 18 | 33/38 | 8-Pin PDIP, 16-Pin SOIC (W), 8-Pin DFN |
| MCP1406 | 单驱动器, 反相 | -40 到+125 | 6 | 1.8(typ)/2.0(typ) | 18 | 30/30 | 5-Pin TO-220, 8-Pin PDIP, 8-Pin 6x5 DFN, 8-Pin SOIC |
| MCP1407 | 单驱动器, 无反相 | -40 到+125 | 6 | 1.8(typ)/2.0(typ) | 18 | 30/30 | 5-Pin TO-220, 8-Pin PDIP, 8-Pin 6x5 DFN, 8-Pin SOIC |
| TC429 | 单驱动器, 反相 | -40 到+85 | 6 | 2.5/2.5 | 18 | 53/60 | 8-Pin PDIP, 8-Pin DFN, 8-Pin SOIC |
| TC4420 | 单驱动器, 无反相 | -40 到+125 | 6 | 2.8/2.5 | 18 | 55/55 | 8-Pin PDIP, 8-Pin SOIC, 5-Pin TO-220, 8-Pin DFN |
| TC4429 | 单驱动器, 反相 | -40 到+125 | 6 | 2.8/2.5 | 18 | 55/55 | 8-Pin PDIP, 8-Pin SOIC, 5-Pin TO-220, 8-Pin DFN |
| TC4421 | 单驱动器, 反相 | -40 到+125 | 9 | 1.4(typ)/1.7 | 18 | 30/33 | 8-Pin PDIP, 5-Pin TO-220, 8-Pin DFN |
| TC4421A | 单驱动器, 反相 | -40 到+125 | 9 | 1.25(typ)/1.5 | 18 | 38/42 | 8-Pin PDIP, 8-Pin SOIC, 5-Pin TO-220, 8-Pin 6X5 DFN |

| 型号 | 配 置 | 工作温度范围 (°C) | 最大输出电流 (A) | 输出阻抗(RH/RL) (Max. Ω @ 25°C) | 最大工作电压 (V) | 输入/输出延迟 (td1, td2) ⁽¹⁾ (ns) | 封 装 |
|--------------------------|-----------|----------------|---------------|---------------------------------------|---------------|---|---|
| 低端驱动器, 最高输出电流 2.0A—12.0A | | | | | | | |
| TC4422 | 单驱动器, 无反相 | -40 到+125 | 9 | 1.4(typ)/1.7 | 18 | 30/33 | 8-Pin PDIP, 5-Pin TO-220, 8-Pin DFN |
| TC4422A | 单驱动器, 无反相 | -40 到+125 | 9 | 1.25(typ)/1.5 | 18 | 38/42 | 8-Pin PDIP, 8-Pin SOIC,5-Pin TO-220, 8-Pin 6X5 DFN |
| TC4451 | 单驱动器, 反相 | -40 到+125 | 12 | 0.6(typ)/1.5 | 18 | 15/15 | 8-Pin PDIP, 8-Pin SOIC,5-Pin TO-220, 8-Pin 6X5 DFN,5-Pin DDPAK |
| TC4452 | 单驱动器, 无反相 | -40 到+125 | 12 | 0.6(typ)/1.5 | 18 | 15/15 | 8-Pin PDIP, 8-Pin SOIC,5-Pin TO-220, 8-Pin 6X5 DFN,5-Pin DDPAK |
| 高低端驱动器 | | | | | | | |
| TC4626 | 单驱动器, 反相 | -40 到+85 | 1.5 | 15/10 | 6 | 35/45 | 8-Pin PDIP, 16-Pin SOIC (W) |
| TC4627 | 单驱动器, 无反相 | -40 到+85 | 1.5 | 15/10 | 6 | 35/45 | 8-Pin PDIP, 16-Pin SOIC (W) |
| TC4431 | 单驱动器, 反相 | -40 到+85 | 1.5 | 15/10 | 30 | 62/78 | 8-Pin PDIP, 8-Pin SOIC |
| TC4432 | 单驱动器, 无反相 | -40 到+85 | 1.5 | 15/10 | 30 | 62/78 | 8-Pin PDIP, 8-Pin SOIC |

电源管理产品—电池充电器

| 型号 | 模 式 | 电池类型 | 电池个数 | VCC 范围 (V) | 最大电压调整 (%) | 内部/外部 FET | 特 征 | 封 装 |
|----------|-----|----------|------|---------------|---------------|-----------|---|----------------------------|
| MCP73826 | 线性 | 锂离子/锂聚合物 | 1 | 4.5-5.5 | ±1.0 | 外部 | 小尺寸 | 6-Pin SOT-23 |
| MCP73827 | 线性 | 锂离子/锂聚合物 | 1 | 4.5-5.5 | ±1.0 | 外部 | 模式指示器, 充电电流监视器 | 8-Pin MSOP |
| MCP73828 | 线性 | 锂离子/锂聚合物 | 1 | 4.5-5.5 | ±1.0 | 外部 | 温度监视器 | 8-Pin MSOP |
| MCP73831 | 线性 | 锂离子/锂聚合物 | 1 | 3.7-6.0 | ±0.75 | 内部 | UVLO,热调节,可编程充电电流, 三个状态 STAT 引脚 | 5-pin SOT-23,8-Pin 2X3 DFN |
| MCP73832 | 线性 | 锂离子/锂聚合物 | 2 | 3.7-6.0 | ±0.75 | 内部 | UVLO,热调节,可编程充电电流, 三个状态 STAT 引脚 | 5-pin SOT-23,8-Pin 2X3 DFN |
| MCP73833 | 线性 | 锂离子/锂聚合物 | 1 | 3.7-6.0 | ±0.75 | 内部 | UVLO,热调节,电热调节器输入, LDO 检测模式,多 V _{REG} 输出,安全定时,功率良好输出 | 10-Pin 3x3 DFN,10-Pin MSOP |
| MCP73834 | 线性 | 锂离子/锂聚合物 | 2 | 3.7-6.0 | ±0.75 | 内部 | UVLO,热调节,电热调节器输入, LDO 检测模式,多 V _{REG} 输出,安全定时,定时器使能输入 | 10-Pin 3x3 DFN,10-Pin MSOP |
| MCP73841 | 线性 | 锂离子/锂聚合物 | 1 | 4.5-12 | ±0.5 | 外部 | 安全充电定时器, 温度监视器 | 10-Pin MSOP |
| MCP73842 | 线性 | 锂离子/锂聚合物 | 2 | 8.7-12 | ±0.5 | 外部 | 安全充电定时器, 温度监视器 | 10-Pin MSOP |
| MCP73843 | 线性 | 锂离子/锂聚合物 | 1 | 4.5-12 | ±0.5 | 外部 | 安全充电定时器 | 8-Pin MSOP |
| MCP73844 | 线性 | 锂离子/锂聚合物 | 2 | 8.7-12 | ±0.5 | 外部 | 安全充电定时器 | 8-Pin MSOP |
| MCP73853 | 线性 | 锂离子/锂聚合物 | 1 | 4.5-5.5 | ±0.5 | 内部 | USB 控制, 安全充电定时器, 温度监视器, 热调节 | 16-Pin QFN (4x4) |
| MCP73855 | 线性 | 锂离子/锂聚合物 | 1 | 4.5-5.5 | ±0.5 | 内部 | USB 控制, 安全充电定时器, 热调节 | 10-Pin DFN (3x3) |
| MCP73861 | 线性 | 锂离子/锂聚合物 | 1 | 4.5-12 | ±0.5 | 内部 | 安全充电定时器, 温度监视器, 热调节 | 16-pin 4x4 QFN,16-Pin SOIC |
| MCP73862 | 线性 | 锂离子/锂聚合物 | 2 | 8.7-12 | ±0.5 | 内部 | 安全充电定时器, 温度监视器, 热调节 | 16-pin 4x4 QFN,16-Pin SOIC |
| MCP73863 | 线性 | 锂离子/锂聚合物 | 1 | 4.5-12 | ±0.5 | 内部 | 安全充电定时器, 温度监视器, 热调节, 充电完成时高阻抗 STAT1 输出 | 16-pin 4x4 QFN,16-Pin SOIC |
| MCP73864 | 线性 | 锂离子/锂聚合物 | 2 | 8.7-12 | ±0.5 | 内部 | 安全充电定时器, 温度监视器, 热调节, 充电完成时高阻抗 STAT1 输出 | 16-pin 4x4 QFN,16-Pin SOIC |

电源管理产品—热交换控制器

| 型号 | 输出通道 | Vpos 到 Vneg 电压差额 | 节点温度范围 (°C) | OVLO | UVLO | Power Good | 内部/外部 FET | 应 用 | 封 装 |
|----------|------|------------------|-------------|------|------|------------|-----------|--------------------|-------------|
| MCP18480 | 1 | -0.3 到+15.0 | -40 到+85 | 可调节 | 可调节 | 可调节 | 外部 | -48V 电信/数据通讯,总线/底板 | 20-Pin SSOP |

线性器件

线性器件—运算放大器

| 型号 | 通 道 | GBWP | I _Q 典型值 (μA) | V _{OS} 最大值 (mV) | 工作电压 (V) | 温度范围 (°C) | 特 征 | 封 装 |
|---------|--------|--------|-------------------------|--------------------------|----------|-----------|-----------------------|--|
| TC1034 | 1 | 90kHz | 6 | 1.5 | 1.8-5.5 | -40 到+85 | 轨对轨输入/输出 | 5-Pin SOT-23A |
| TC1035 | 1 | 90kHz | 6 | 1.5 | 1.8-5.5 | -40 到+85 | 轨对轨输入/输出,关断脚 | 6-Pin SOT-23A |
| TC1029 | 2 | 90kHz | 12 | 1.5 | 1.8-5.5 | -40 到+85 | 轨对轨输入/输出 | 8-Pin PDIP, 8-Pin MSOP, 8-Pin SOIC |
| TC1030 | 4 | 90kHz | 5 | 1.5 | 1.8-5.5 | -40 到+85 | 轨对轨输入/输出,关断脚 | 16-Pin QSOP |
| MCP6041 | 1 | 14kHz | 0.6 | 3 | 1.4-5.5 | -40 到+85 | 轨对轨输入/输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP,5-Pin SOT-23 |
| MCP6042 | 2 | 14kHz | 0.6 | 3 | 1.4-5.5 | -40 到+85 | 轨对轨输入/输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6043 | 1 | 14kHz | 0.6 | 3 | 1.4-5.5 | -40 到+85 | 轨对轨输入/输出, 片选 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6044 | 4 | 14kHz | 0.6 | 3 | 1.4-5.5 | -40 到+85 | 轨对轨输入/输出 | 14-Pin PDIP, 14-Pin SOIC,14-Pin TSSOP |
| MCP6141 | 1 | 100kHz | 0.6 | 3 | 1.4-5.5 | -40 到+85 | 轨对轨输入/输出, G>10 稳定 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6142 | 2 | 100kHz | 0.6 | 3 | 1.4-5.5 | -40 到+85 | 轨对轨输入/输出, G>10 稳定 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6143 | 1 | 100kHz | 0.6 | 3 | 1.4-5.5 | -40 到+85 | 轨对轨输入/输出, G>10 稳定, 片选 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6144 | 4 | 100kHz | 0.6 | 3 | 1.4-5.5 | -40 到+85 | 轨对轨输入/输出, G>10 稳定 | 14-Pin PDIP, 14-Pin SOIC,14-Pin TSSOP |
| MCP606 | 1 | 155kHz | 19 | 0.25 | 2.5-5.5 | -40 到+85 | 轨对轨输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin TSSOP,5-Pin SOT23 |
| MCP607 | 2 | 155kHz | 19 | 0.25 | 2.5-5.5 | -40 到+85 | 轨对轨输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin TSSOP |
| MCP608 | 1 | 155kHz | 19 | 0.25 | 2.5-5.5 | -40 到+85 | 轨对轨输出,片选 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin TSSOP |
| MCP609 | 4 | 155kHz | 19 | 0.25 | 2.5-5.5 | -40 到+85 | 轨对轨输出 | 14-Pin PDIP, 14-Pin SOIC,14-Pin TSSOP |
| MCP616 | 1 | 190kHz | 19 | 0.15 | 2.3-5.5 | -40 到+85 | 轨对轨输出,PNP 输入 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP617 | 2 | 190kHz | 19 | 0.15 | 2.3-5.5 | -40 到+85 | 轨对轨输出,PNP | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP618 | 1 | 190kHz | 19 | 0.15 | 2.3-5.5 | -40 到+85 | 轨对轨输出, 片选, PNP 输入 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP619 | 4 | 190kHz | 19 | 0.15 | 2.3-5.5 | -40 到+85 | 轨对轨输出, PNP 输入 | 14-Pin PDIP, 14-Pin SOIC,14-Pin TSSOP |
| MCP6231 | 1 | 300kHz | 20 | 5 | 1.8-5.5 | -40 到+125 | 轨对轨输入/输出 | 5-Pin SC-70, 5-Pin SOT-23, 8-Pin PDIP,8-Pin SOIC, 8-Pin MSOP |
| MCP6232 | 2 | 300kHz | 20 | 5 | 1.8-5.5 | -40 到+125 | 轨对轨输入/输出 | 8-Pin PDIP,8-Pin SOIC, 8-Pin MSOP |
| MCP6234 | 4 | 300kHz | 20 | 5 | 1.8-5.5 | -40 到+125 | 轨对轨输入/输出 | 14-Pin PDIP,14-Pin SOIC, 14-Pin TSSOP |
| MCP6241 | 1 | 550kHz | 50 | 5 | 1.8-5.5 | -40 到+125 | 轨对轨输入/输出 | 5-Pin SC-70, 5-Pin SOT-23, 8-Pin PDIP,8-Pin SOIC, 8-Pin MSOP |
| MCP6242 | 2 | 550kHz | 50 | 5 | 1.8-5.5 | -40 到+125 | 轨对轨输入/输出 | 8-Pin PDIP,8-Pin SOIC, 8-Pin MSOP |
| MCP6244 | 4 | 550kHz | 50 | 5 | 1.8-5.5 | -40 到+125 | 轨对轨输入/输出 | 14-Pin PDIP,14-Pin SOIC, 14-Pin TSSOP |
| MCP6001 | 1 | 1MHz | 140 | 4.5 | 1.8-5.5 | -40 到+125 | 轨对轨输入/输出 | 5-Pin SOT-23, 5-Pin SC-70 |
| MCP6002 | 2 | 1MHz | 140 | 4.5 | 1.8-5.5 | -40 到+125 | 轨对轨输入/输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |

| 型号 | 通 道 | GBWP | I _Q 典型值 (μA) | V _{OS} 最大值 (mV) | 工作电压 (V) | 温度范围 (°C) | 特 征 | 封 装 |
|---------|-----|--------|----------------------------|-----------------------------|-------------|--------------|---------------------------------------|--|
| MCP6004 | 4 | 1MHz | 140 | 4.5 | 1.8-5.5 | -40 到+125 | 轨对轨输入/输出 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |
| MCP6271 | 1 | 2MHz | 170 | 3 | 2.0-5.5 | -40 到+125 | 轨对轨输入/输出 | 5-Pin SOT-23,8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6272 | 2 | 2MHz | 170 | 3 | 2.0-5.5 | -40 到+125 | 轨对轨输入/输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6273 | 1 | 2MHz | 170 | 3 | 2.0-5.5 | -40 到+125 | 轨对轨输入/输出,片选 | 5-Pin SOT-23,8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6274 | 4 | 2MHz | 170 | 3 | 2.0-5.5 | -40 到+125 | 轨对轨输入/输出 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |
| MCP6275 | 2 | 2MHz | 150 | 3 | 2.0-5.5 | -40 到+125 | 轨对轨输入/输出, 双通道连接,片选 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP601 | 1 | 2.8MHz | 230 | 2 | 2.7-5.5 | -40 到+125 | 轨对轨输出 | 8-Pin PDIP, 8-Pin SOIC,8-Pin TSSOP, 5-Pin SOT-23 |
| MCP602 | 2 | 2.8MHz | 230 | 2 | 2.7-5.5 | -40 到+125 | 轨对轨输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin TSSOP |
| MCP603 | 1 | 2.8MHz | 230 | 2 | 2.7-5.5 | -40 到+125 | 轨对轨输出, 片选 | 5-Pin SOT-23,8-Pin PDIP, 8-Pin SOIC, 8-Pin TSSOP |
| MCP604 | 4 | 2.8MHz | 230 | 2 | 2.7-5.5 | -40 到+125 | 轨对轨输出 | 14-Pin PDIP, 14-Pin SOIC,14-Pin TSSOP |
| MCP6281 | 1 | 5MHz | 445 | 3 | 2.2-5.5 | -40 到+125 | 轨对轨输入/输出 | 5-Pin SOT-23,8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6282 | 2 | 5MHz | 445 | 3 | 2.2-5.5 | -40 到+125 | 轨对轨输入/输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6283 | 1 | 5MHz | 445 | 3 | 2.2-5.5 | -40 到+125 | 轨对轨输入/输出, 片选 | 5-Pin SOT-23,8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6284 | 4 | 5MHz | 445 | 3 | 2.2-5.5 | -40 到+125 | 轨对轨输入/输出 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |
| MCP6285 | 2 | 5MHz | 400 | 3 | 2.2-5.5 | -40 到+125 | 轨对轨输入/输出, 双通道连接, 片选 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6291 | 1 | 10MHz | 1000 | 3 | 2.4-5.5 | -40 到+125 | 轨对轨输入/输出 | 5-Pin SOT-23,8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6292 | 2 | 10MHz | 1000 | 3 | 2.4-5.5 | -40 到+125 | 轨对轨输入/输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6293 | 1 | 10MHz | 1000 | 3 | 2.4-5.5 | -40 到+125 | 轨对轨输入/输出, 片选 | 5-Pin SOT-23,8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6294 | 4 | 10MHz | 1000 | 3 | 2.4-5.5 | -40 到+125 | 轨对轨输入/输出 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |
| MCP6295 | 2 | 10MHz | 1100 | 3 | 2.4-5.5 | -40 到+125 | 轨对轨输入/输出, 双通道, 片选 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6021 | 1 | 10MHz | 1000 | 0.5 | 2.5-5.5 | -40 到+125 | 轨对轨输入/输出, 1/2 V _{CC} VREF | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6022 | 2 | 10MHz | 1000 | 0.5 | 2.5-5.5 | -40 到+125 | 轨对轨输入/输出 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6023 | 1 | 10MHz | 1000 | 0.5 | 2.5-5.5 | -40 到+125 | 轨对轨输入/输出,片选 1/2, V _{CC} VREF | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6024 | 4 | 10MHz | 1000 | 0.5 | 2.5-5.5 | -40 到+125 | 轨对轨输入/输出 | 14-Pin PDIP, 14-Pin SOIC,14-Pin TSSOP |

线性器件—高精度运算放大器

| 型号 | 通道 | GBWP | I _Q 典型值 (μA) | V _{OS} 最大值 (mV) | V _{OS} 漂移最大 (μV/°C) | 工作电压(V) | 温度范围 (°C) | 特 征 | 封 装 |
|----------|----|--------|----------------------------|-----------------------------|---------------------------------|---------|--------------|--------------|-------------------------|
| 高稳定运放 | | | | | | | | | |
| TC7650 | 1 | 2.0MHz | 3.5 | 5 | 0.05 | 4.5-16 | 0 到+70 | 单隔离电源供电 | 8-Pin PDIP, 14-Pin PDIP |
| TC7652 | 1 | 0.4MHz | 3 | 5 | 0.05 | 5-16 | 0 到+70 | 单隔离电源供电, 低噪声 | 8-Pin PDIP, 14-Pin PDIP |
| 自动调零运放 | | | | | | | | | |
| TC913A/B | 2 | 1.5MHz | 1.1 | 15 | 0.15/0.30 | 6.5-16 | 0 到+70 | 单隔离电源供电 | 8-Pin PDIP,8-Pin SOIC |

线性器件—可编程增益放大器(PGA)

| 型号 | 通道 | -3dB BW (MHz) | I _Q 典型值 | V _{OS} (μV) | 工作电压 (V) | 温度范围 (°C) | 特 征 | 封 装 |
|---------|----|---------------|--------------------|----------------------|----------|-----------|--|--|
| MCP6S21 | 1 | 2-12 | 1.1 mA | 275 | 2.5-5.5 | -40 到+85 | SPI, 8 增益等级, 软件关断 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6S22 | 2 | 2-12 | 1.1 mA | 275 | 2.5-5.5 | -40 到+85 | SPI, 8 增益等级, 软件关断 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6S26 | 6 | 2-12 | 1.1 mA | 275 | 2.5-5.5 | -40 到+85 | SPI, 8 增益等级, 软件关断 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |
| MCP6S28 | 8 | 2-12 | 1.1 mA | 275 | 2.5-5.5 | -40 到+85 | SPI, 8 增益等级, 软件关断 | 16-Pin PDIP, 16-Pin SOIC |
| MCP6S91 | 1 | 1-18 | 1.0mA | 4000 | 2.5-5.5 | -40 到+125 | SPI, 8 增益等级, 软件关断, V _{REF} | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6S92 | 2 | 1-18 | 1.0 mA | 4000 | 2.5-5.5 | -40 到+125 | SPI, 8 增益等级, 软件关断 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP6S93 | 2 | 1-18 | 1.0 mA | 4000 | 2.5-5.5 | -40 到+125 | SPI, 8 增益等级, 软件关断, V _{REF} , SO | 10-Pin MSOP |

线性器件—线性增益模块

| 型号 | 通道 | -3dB BW (kHz) | I _Q 典型值(μA) | V _{OS} (mV) | 工作电压 (V) | 温度范围 (°C) | 增益等级 | 封 装 |
|---------|----|---------------|------------------------|----------------------|----------|-----------|---------|---------------------------|
| MCP6G01 | 1 | 900 | 110 | 4.5 | 1.8-5.5 | -40 到+125 | 1,10,50 | 8-Pin SOIC, 8-Pin MSOP |
| MCP6G02 | 2 | 900 | 110 | 4.5 | 1.8-5.5 | -40 到+125 | 1,10,50 | 8-Pin SOIC, 8-Pin MSOP |
| MCP6G03 | 1 | 900 | 110 | 4.5 | 1.8-5.5 | -40 到+125 | 1,10,50 | 8-Pin SOIC, 8-Pin MSOP |
| MCP6G04 | 4 | 900 | 110 | 4.5 | 1.8-5.5 | -40 到+125 | 1,10,50 | 14-Pin SOIC, 14-Pin TSSOP |

线性器件—综合线性器件

| 型号 | 运放通道 | 比较器通道 | I _Q 典型值 (μA) | V _{REF} (V) | 工作电压 (V) | 温度范围 (°C) | 特 征 | 封 装 |
|---------|------|-------|-------------------------|----------------------|----------|-----------|---------------------------|------------------------------------|
| TC1026C | 1 | 1 | 12 | 1.2 | 1.8-5.5 | -40 到+85 | 片上 V _{REF} | 8-Pin PDIP, 8-Pin MSOP, 8-Pin SOIC |
| TC1043C | 2 | 2 | 16 | 1.2 | 1.8-5.5 | -40 到+85 | 片上 V _{REF} , 关断脚 | 16-Pin QSOP |

线性器件—比较器

| 型号 | 通道 | V _{REF} (V) | 典型的传送延迟 (μs) | I _Q (μA) | V _{OS} 最大 (mV) | 工作电压 (V) | 温度范围 (°C) | 特 征 | 封装 |
|---------|----|----------------------|--------------|---------------------|-------------------------|----------|-----------|---------------------------------------|---|
| TC1027 | 4 | 1.2 | 4 | 18 | 5 | 1.8-5.5 | -40 到+85 | 片上 V _{REF} , 轨对轨输入/输出 | 16-Pin PDIP, 16-Pin QSOP, 16-Pin SOIC |
| TC1037 | 1 | — | 4 | 4 | 5 | 1.8-5.5 | -40 到+85 | 轨对轨输入/输出 | 5-Pin SOT-23A |
| TC1038 | 1 | — | 4 | 4 | 5 | 1.8-5.5 | -40 到+85 | 关断脚, 轨对轨输入/输出 | 6-Pin SOT-23A |
| TC1039 | 1 | 1.2 | 4 | 6 | 5 | 1.8-5.5 | -40 到+85 | 片上 V _{REF} , 轨对轨输入/输出 | 6-Pin SOT-23A |
| TC1041 | 2 | 1.2 | 4 | 10 | 5 | 1.8-5.5 | -40 到+85 | 片上 V _{REF} , 可编程迟滞, 轨对轨输入/输出 | 8-Pin MSOP, 8-Pin SOIC |
| MCP6541 | 1 | — | 4 | 1 | 5 | 1.6-5.5 | -40 到+85 | 推挽, 轨对轨输入/输出 | 5-Pin SOT-23, 5-Pin SC-70, 8-Pin PDIP, 8-Pin MSOP, 8-Pin SOIC |
| MCP6542 | 2 | — | 4 | 1 | 5 | 1.6-5.5 | -40 到+85 | 推挽, 轨对轨输入/输出 | 8-Pin PDIP, 8-Pin MSOP, 8-Pin SOIC |
| MCP6543 | 1 | — | 4 | 1 | 5 | 1.6-5.5 | -40 到+85 | 推挽, 轨对轨输入/输出, 片选 | 8-Pin PDIP, 8-Pin MSOP, 8-Pin SOIC |

| 型号 | 通道 | V _{REF} (V) | 典型的传送延迟 (μs) | I _Q (μA) | V _{OS} 最大 (mV) | 工作电压 (V) | 温度范围 (°C) | 特 征 | 封装 |
|---------|----|-------------------------|-----------------|------------------------|----------------------------|-------------|--------------|-------------------|---|
| MCP6544 | 4 | — | 4 | 1 | 5 | 1.6-5.5 | -40 到+85 | 推挽，轨对轨输入/输出 | 14-Pin PDIP, 14-Pin TSSOP, 14-Pin SOIC |
| MCP6546 | 1 | — | 4 | 1 | 5 | 1.6-5.5 | -40 到+85 | 开漏，9V，轨对轨输入/输出 | 5-Pin SOT-23, 5-Pin SC-70, 8-Pin PDIP, 8-Pin MSOP, 8-Pin SOIC |
| MCP6547 | 2 | — | 4 | 1 | 5 | 1.6-5.5 | -40 到+85 | 开漏，9V，轨对轨输入/输出 | 8-Pin PDIP, 8-Pin MSOP, 8-Pin SOIC |
| MCP6548 | 1 | — | 4 | 1 | 5 | 1.6-5.5 | -40 到+85 | 开漏，9V，轨对轨输入/输出，片选 | 8-Pin PDIP, 8-Pin MSOP, 8-Pin SOIC |
| MCP6549 | 4 | — | 4 | 1 | 5 | 1.6-5.5 | -40 到+85 | 开漏，9V，轨对轨输入/输出 | 14-Pin PDIP, 14-Pin TSSOP, 14-Pin SOIC |

混和信号器件

混和信号器件—逐次逼近型 A/D 转换器

| 型号 | 分辨率(bits) | 最大采样率 (ksamples/sec) | 输入通道 | 输入类型 | 接口 | 输入电压范围 (V) | 最大工作电流 (μA) | Max. INL | 温度范围 (°C) | 封 装 |
|---------|-----------|-------------------------|------|------|-------------------|---------------|----------------|----------|--------------|--|
| MCP3021 | 10 | 22 | 1 | 单端 | I ² C™ | 2.7-5.5 | 250 | ±1 LSB | -40 到+125 | 5-Pin SOT-23A |
| MCP3001 | 10 | 200 | 1 | 单端 | SPI | 2.7-5.5 | 500 | ±1 LSB | -40 到+85 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin TSSOP |
| MCP3002 | 10 | 200 | 2 | 单端 | SPI | 2.7-5.5 | 650 | ±1 LSB | -40 到+85 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin TSSOP |
| MCP3004 | 10 | 200 | 4 | 单端 | SPI | 2.7-5.5 | 550 | ±1 LSB | -40 到+85 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |
| MCP3008 | 10 | 200 | 8 | 单端 | SPI | 2.7-5.5 | 550 | ±1 LSB | -40 到+85 | 16-Pin PDIP, 16-Pin SOIC |
| MCP3221 | 12 | 22 | 1 | 单端 | I ² C™ | 2.7-5.5 | 250 | ±2 LSB | -40 到+125 | 5-Pin SOT-23A |
| MCP3201 | 12 | 100 | 1 | 单端 | SPI | 2.7-5.5 | 400 | ±1 LSB | -40 到+85 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin TSSOP |
| MCP3202 | 12 | 100 | 2 | 单端 | SPI | 2.7-5.5 | 550 | ±1 LSB | -40 到+85 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin TSSOP |
| MCP3204 | 12 | 100 | 4 | 单端 | SPI | 2.7-5.5 | 400 | ±1 LSB | -40 到+85 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |
| MCP3208 | 12 | 100 | 8 | 单端 | SPI | 2.7-5.5 | 400 | ±1 LSB | -40 到+85 | 16-Pin PDIP, 16-Pin SOIC |
| MCP3301 | 13 | 100 | 1 | 差分 | SPI | 2.7-5.5 | 450 | ±1 LSB | -40 到+85 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP3302 | 13 | 100 | 2 | 差分 | SPI | 2.7-5.5 | 450 | ±1 LSB | -40 到+85 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |
| MCP3304 | 13 | 100 | 4 | 差分 | SPI | 2.7-5.5 | 450 | ±1 LSB | -40 到+85 | 16-Pin PDIP, 16-Pin SOIC |

混和信号器件—斜切累加型 A/D 转换器

| 型号 | 分辨率(bits) | 最大采样率 (samples/sec) | 通道 | 接口 | 工作电压范围 (V) | 典型工作电流 (μA) | 典型 INL (ppm) | 温度范围 (°C) | 特 征 | 封 装 |
|-----------------------|-----------|------------------------|------|-------------------|---------------|----------------|-----------------|--------------|--------------------|--------------------------|
| MCP3421 | 18-12 | 4 -240 | 1 差分 | I ² C™ | 2.7 - 5.5 | 160 | 30 | -40 到 125 | | 6-Pin SOT-23A |
| MCP3550-50 | 22 | 13 | 1 差分 | SPI™ | 2.7 - 5.5 | 120 | 2 | -40 到 125 | 拒绝 50Hz | 8-Pin SOIC, 8-Pin MSOP |
| MCP3550-60 | 22 | 15 | 1 差分 | SPI™ | 2.7 - 5.5 | 140 | 2 | -40 到 125 | 拒绝 60Hz | 8-Pin SOIC, 8-Pin MSOP |
| MCP3551 | 22 | 14 | 1 差分 | SPI™ | 2.7 - 5.5 | 120 | 2 | -40 到 125 | 同时拒绝 50/60Hz | 8-Pin SOIC, 8-Pin MSOP |
| MCP3553 | 20 | 60 | 1 差分 | SPI™ | 2.7 - 5.5 | 140 | 2 | -40 到 125 | | 8-Pin SOIC, 8-Pin MSOP |
| TC3400 ⁽¹⁾ | 10-16 | >400 | 1 差分 | 2 线式 | 1.8-5.5 | 260 | 38 | 0 到+85 | | 8-Pin PDIP, 8-Pin SOIC |
| TC3401 ⁽¹⁾ | 10-16 | >400 | 2 差分 | 2 线式 | 1.8-5.5 | 300 | 38 | 0 到+85 | 使能模式，复位监视器，上电失败监视器 | 16-Pin PDIP, 16-Pin QSOP |

| 型号 | 分辨率(bits) | 最大采样率 (samples/sec) | 通道 | 接口 | 工作电压范围 (V) | 典型工作电流 (μ A) | 典型 INL (ppm) | 温度范围 ($^{\circ}$ C) | 特 征 | 封 装 |
|-----------------------|-----------|------------------------|------------|------|---------------|----------------------|-----------------|-------------------------|-------------|--------------------------|
| TC3402 ⁽¹⁾ | 10-16 | >400 | 4 差分 | 2 线式 | 1.8-5.5 | 250 | 38 | 0 到+85 | | 16-Pin PDIP, 16-Pin QSOP |
| TC3405 ⁽¹⁾ | 10-16 | >400 | 1 差分, 3 单端 | 2 线式 | 1.8-5.5 | 250 | 38 | 0 到+85 | 使能模式, 复位监视器 | 16-Pin PDIP, 16-Pin QSOP |

注释 1: 不推荐 TC340X 用在新的设计中。

混和信号器件—能量测量 ICs

| 型号 | 动态测量 | 典型测量精度 | 增益 | 典型电压参考漂移 | 工作电压范围 (V) | 典型工作电流 | 温度范围 ($^{\circ}$ C) | 特 征 | 封 装 |
|----------|--------|--------|-------------|----------|---------------|--------|-------------------------|--------|-------------|
| MCP3905A | 500:1 | 0.1% | 1,2,8,16 | 15ppm, | 4.5-5.5 | 3.9 mA | -40 到+85 | | 24-Pin SSOP |
| MCP3905L | 500:1 | 0.1% | 1,2,8,16 | 15ppm, | 4.5-5.5 | 3.9 mA | -40 到+85 | 低功耗设置 | 24-Pin SSOP |
| MCP3906A | 1000:1 | 0.1% | 1,2,8,16,32 | 15ppm | 4.5-5.5 | 3.9 mA | -40 到+85 | | 24-Pin SSOP |
| MCP3907 | 1000:1 | 0.1% | 16 | 15ppm | 4.5-5.5 | 3.9 mA | -40 到+85 | 内部振荡器 | 16-Pin SOIC |
| MCP3908 | 1000:1 | 0.1% | 32 | 15ppm | 4.5-5.5 | 3.9 mA | -40 到+85 | 内部振荡器 | 16-Pin SOIC |
| MCP3909 | 1000:1 | 0.1% | 1,2,8,16,32 | 15ppm | 4.5-5.5 | 3.9 mA | -40 到+85 | | 24-Pin SSOP |

混和信号器件—双积分型 A/D 转换器

| 型号 | 工作电压(V) | 输入电压范围(V) | 分辨率(Bits) | 采样速率 (Conv/s) | 输入通道 | 数据接口 | 温度范围 ($^{\circ}$ C) | 特 征 | 封 装 |
|---------|-----------------------|-------------------------|-----------|------------------|------|--------|-------------------------|-------------------------------|---|
| TC500 | \pm 4.5 到 \pm 7.5 | VSS + 1.5V 到 VDD – 1.5V | 高达 16 位 | 4-10 | 1 | 3-Wire | 0-70 | 差分输入, 可编程分辨率/转换时间 | 16-Pin PDIP, 16-Pin SOIC, 16-Pin CerDIP |
| TC500A | \pm 4.5 到 \pm 7.5 | VSS + 1.5V 到 VDD – 1.5V | 高达 17 位 | 4-10 | 1 | 3-Wire | 0-70 | 差分输入, 可编程分辨率/转换时间 | 16-Pin PDIP, 16-Pin SOIC, 16-Pin CerDIP |
| TC510 | +4.5 到+5.5 | VSS + 1.5V 到 VDD – 1.5V | 高达 17 位 | 4-10 | 1 | 3-Wire | 0-70 | 差分输入, 可编程分辨率/转换时间, 充电泵(-V)输出脚 | 24-Pin PDIP, 24-Pin SOIC |
| TC514 | +4.5 到+5.5 | VSS + 1.5V 到 VDD – 1.5V | 高达 17 位 | 4-10 | 4 | 3-Wire | 0-70 | 差分输入, 可编程分辨率/转换时间, 充电泵(-V)输出脚 | 28-Pin PDIP, 28-Pin SOIC |
| TC520A | +4.5 到+5.5 | — | — | — | — | 串口 | 0-70 | 可选 TC500/500A/510/514 串行接口转换器 | 14-Pin PDIP, 16-Pin SOIC |
| TC530 | +4.5 到+5.5 | VSS + 1.5V 到 VDD – 1.5V | 高达 17 位 | 3-10 | 1 | 串口 | 0-70 | 差分输入, 可编程分辨率/转换时间, 充电泵(-V)输出脚 | 28-Pin PDIP, 28-Pin SOIC |
| TC534 | +4.5 到+5.5 | VSS + 1.5V 到 VDD – 1.5V | 高达 17 位 | 3-10 | 4 | 串口 | 0-70 | 差分输入, 可编程分辨率/转换时间, 充电泵(-V)输出脚 | 40-Pin PDIP, 44-Pin MQFP |
| TC7109 | \pm 4.5 到 \pm 5.5 | VSS + 1.5V 到 VDD – 1.0V | 12 位加上符号位 | 2-10 | 1 | 并口或串口 | -25 到+85 | 差分输入 | 40-Pin PDIP, 40-Pin CerDip, 44-Pin PLCC,44-Pin MQFP |
| TC7109A | \pm 4.5 到 \pm 5.5 | VSS + 1.5V 到 VDD – 1.0V | 12 位加上符号位 | 2-10 | 1 | 并口或串口 | -25 到+85 | 差分输入 | 40-Pin PDIP, 40-Pin CerDip, 44-Pin PLCC,44-Pin MQFP |

混和信号器件—二进制和 BCD A/D 转换器

| 型号 | 描述 | 工作电压 (V) | 输入电压范围 (V) | 分辨率 (Digits) | 分辨率 (Counts) | 最大功率 (mW) | 数据接口 | 温度范围 ($^{\circ}$ C) | 特 征 | 封 装 |
|--------|------------|-------------|--------------------------|-----------------|-----------------|--------------|-----------|-------------------------|---------------------|---|
| TC835 | BCD A/D | \pm 5 | VSS + 1.0V to VDD – 0.5V | 4½ | \pm 20,000 | 30 | MUXed BCD | 0 到+70 | 升级到 TC7135 | 64-Pin MQFP, 44-Pin MQFP, 28-Pin PDIP |
| TC850 | Binary A/D | \pm 5 | VSS + 1.5V to VDD – 1.5V | 15-bit | \pm 32,768 | 35 | 8Bit 并口 | -25 到 70 | 最高转换速度(40 conv/sec) | 44-Pin PLCC, 40-Pin PDIP, 40-Pin CerDIP |
| TC7135 | BCD A/D | \pm 5 | VSS + 1.0V to VDD – 1.0V | 4½ | \pm 20,000 | 30 | MUXed BCD | 0 到+70 | DMMM,DPM, 数据记录器 | 28-Pin PLCC, 28-Pin PDIP, 64-Pin MQFP |

| 型号 | 描述 | 工作电压 (V) | 输入电压范围 (V) | 分辨率 (Digits) | 分辨率 (Counts) | 最大功率 (mW) | 数据接口 | 温度范围 (°C) | 特 征 | 封 装 |
|----------|---------|-------------|---------------------|-----------------|-----------------|--------------|-----------|--------------|----------------|--|
| TC14433 | BCD A/D | ±4.5 到±8 | ±199.9 mV to 1.999V | 3½ | ±2,000 | 20 | MUXed BCD | -40 到+85 | DMM,DPM, 数据记录器 | 24-Pin SOIC, 24-Pin PDIP, 28-Pin PLCC,24-Pin CerDIP |
| TC14433A | BCD A/D | ±4.5 到±8 | ±199.9 mV to 1.999V | 3½ | ±2,000 | 20 | MUXed BCD | -40 到+85 | DMM,DPM, 数据记录器 | 24-Pin PDIP, 28-Pin PLCC, 24-Pin CerDIP |

混合信号器件—显示 A/D 转换器

| 型号 | 显示类型 | 工作电压 (V) | 分辨率 (Digits) | 分辨率 (Counts) | 功率 (mW) | 温度范围 (°C) | 特 征 | 封 装 |
|---------|------|-------------|-----------------|-----------------|------------|--------------|-------------------|---|
| TC820 | LCD | 9 | 3¾ | ±4,000 | 10 | 0-70 | DMM 加频率计和逻辑探头 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP |
| TC7106 | LCD | 9 | 3¾ | ±2,000 | 10 | -25 到+85 | DMM,DPM 和数据记录器的应用 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7106A | LCD | 9 | 3¾ | ±2,000 | 10 | -25 到+85 | DMM,DPM 和数据记录器的应用 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7107 | LED | ±5 | 3¾ | ±2,000 | 10 | -25 到+85 | DMM,DPM 和数据记录器的应用 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7107A | LED | ±5 | 3¾ | ±2,000 | 10 | -25 到+85 | DMM,DPM 和数据记录器的应用 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7116 | LCD | 9 | 3¾ | ±2,000 | 10 | -25 到+85 | 保持功能 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7116A | LCD | 9 | 3¾ | ±2,000 | 10 | -25 到+85 | 保持功能 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7117 | LED | ±5 | 3¾ | ±2,000 | 10 | -25 到+85 | 保持功能 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7117A | LED | ±5 | 3¾ | ±2,000 | 10 | -25 到+85 | 保持功能 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7126 | LCD | 9 | 3¾ | ±2,000 | 0.5 | -25 到+85 | 低功耗 TC7106 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7126A | LCD | 9 | 3¾ | ±2,000 | 0.5 | -25 到+85 | 低功耗 TC7106 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP,40-Pin CerDIP |
| TC7129 | LCD | 9 | 4¾ | ±20,000 | 4.5 | 0 到+70 | 最低噪声, ±3 mV 的灵敏度 | 40-Pin PDIP, 44-Pin PLCC, 44-Pin MQFP |

混合信号器件—数字电位器

| 型号 | 级数 | 存储器 | 通道 | 接口 | 阻值(K) | INL (max) | DNL (max) | 温度范围 (°C) | 注释 | 封 装 |
|----------|-----|------|----|---------|-----------|--------------|--------------|--------------|---------------------------|---|
| MCP4011 | 64 | 挥发性 | 1 | Up/Down | 2,5,10,50 | 0.5 | 0.5 | -40 到+125 | 电位器模式 | 6-PinSOT-23, 8-Pin SOIC,8-Pin MSOP, 8-Pin 2X3 DFN |
| MCP4012 | 64 | 挥发性 | 1 | Up/Down | 2,5,10,50 | 0.5 | 0.5 | -40 到+125 | 可变电阻模式 | 6-PinSOT-23 |
| MCP4013 | 64 | 挥发性 | 1 | Up/Down | 2,5,10,50 | 0.5 | 0.5 | -40 到+125 | 对 VSS 的电位 | 6-PinSOT-23 |
| MCP4014 | 64 | 挥发性 | 1 | Up/Down | 2,5,10,50 | 0.5 | 0.5 | -40 到+125 | 对 VSS 的可变电阻 | 6-PinSOT-23 |
| MCP4021 | 64 | 非挥发性 | 1 | Up/Down | 2,5,10,50 | 0.5 | 0.5 | -40 到+125 | 电位器模式, 可关断, WiperLock™技术 | 6-PinSOT-23, 8-Pin SOIC,8-Pin MSOP, 8-Pin 2X3 DFN |
| MCP4022 | 64 | 非挥发性 | 1 | Up/Down | 2,5,10,50 | 0.5 | 0.5 | -40 到+125 | 电位器模式, 可关断, WiperLock™技术 | 6-PinSOT-23 |
| MCP4023 | 64 | 非挥发性 | 1 | Up/Down | 2,5,10,50 | 0.5 | 0.5 | -40 到+125 | 对 VSS 的电位, WiperLock™技术 | 6-PinSOT-23 |
| MCP4024 | 64 | 非挥发性 | 1 | Up/Down | 2,5,10,50 | 0.5 | 0.5 | -40 到+125 | 对 VSS 的可变电阻, WiperLock™技术 | 5-PinSOT-23 |
| MCP41010 | 256 | 挥发性 | 1 | SPi | 10 | +1 | +1 | -40 到+85 | 电位器模式, 可关断 | 8-Pin PDIP, 8-Pin SOIC |
| MCP41050 | 256 | 挥发性 | 1 | SPi | 50 | +1 | +1 | -40 到+85 | 电位器模式, 可关断 | 8-Pin PDIP, 8-Pin SOIC |
| MCP41100 | 256 | 挥发性 | 1 | SPi | 100 | +1 | +1 | -40 到+85 | 电位器模式, 可关断 | 8-Pin PDIP, 8-Pin SOIC |
| MCP42010 | 256 | 挥发性 | 2 | SPi | 10 | +1 | +1 | -40 到+85 | 电位器模式, 可关断 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |

| 型号 | 级数 | 存储器 | 通道 | 接口 | 阻值(K) | INL (max) | DNL (max) | 温度范围 (°C) | 注释 | 封 装 |
|----------|-----|-----|----|-----|-------|--------------|--------------|--------------|-----------|--|
| MCP42050 | 256 | 挥发性 | 2 | SPI | 50 | +1 | +1 | -40 到+85 | 电位器模式，可关断 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |
| MCP42100 | 256 | 挥发性 | 2 | SPI | 100 | +1 | +1 | -40 到+85 | 电位器模式，可关断 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |

混合信号器件—频率—电压/电压—频率转换器

| 型号 | 频率范围 (kHz) | 满标 (ppm FS/°C) | 非线性 (%FS) | 温度范围 (°C) | 封 装 |
|--------|---------------|-------------------|--------------|--------------|--------------------------|
| TC9400 | 100 | ±40 | ±0.05 | -40 到+85 | 14-Pin PDIP, 14-Pin SOIC |
| TC9401 | 100 | ±40 | ±0.02 | -40 到+85 | 14-Pin PDIP, 14-Pin SOIC |
| TC9402 | 100 | ±100 | ±0.25 | -40 到+85 | 14-Pin PDIP, 14-Pin SOIC |

混合信号器件—D/A 转换器

| 型号 | 分辨率 | DAC 通道 | 接口 | VREF | 输出设置时间 (μs) | DNL (LSB) | 典型待机电流 (μA) | 典型工作电流 (μA) | 工作温度 (°C) | 封 装 |
|---------|-----|--------|-------|------|----------------|--------------|----------------|----------------|--------------|--|
| TC1320 | 8 | 1 | SMBus | 外部 | 10 | ±0.8 | 0.1 | 350 | -40 到+85 | 8-Pin MSOP, 8-Pin SOIC |
| TC1321 | 10 | 1 | SMBus | 外部 | 10 | ±2 | 0.1 | 350 | -40 到+85 | 8-Pin MSOP, 8-Pin SOIC |
| MCP4821 | 12 | 1 | SPI™ | Y | 4.5 | 1 | 0.3 | 330 | -40 到+125 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP4822 | 12 | 2 | SPI™ | Y | 4.5 | 1 | 0.3 | 415 | -40 到+125 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP4921 | 12 | 1 | SPI™ | 外部 | 4.5 | 0.75 | 1 | 175 | -40 到+125 | 8-Pin PDIP, 8-Pin SOIC, 8-Pin MSOP |
| MCP4922 | 12 | 2 | SPI™ | 外部 | 4.5 | 0.75 | 1 | 350 | -40 到+125 | 14-Pin PDIP, 14-Pin SOIC, 14-Pin TSSOP |

接口器件

接口器件—CAN 产品

| 型号 | 工作电压 (V) | 温度范围 (°C) | 发送缓冲器 | 接收缓冲器 | 滤波器 | Masks | 中断输出 | 特 性 | 封 装 |
|------------------------|-------------|--------------|-------|-------|-----|-------|------|---|--|
| MCP2510 ⁽¹⁾ | 2.7-5.5 | -40 到+125 | 3 | 2 | 6 | 2 | YES | SPI 接口到 MCU 的 CAN2.0B 控制器，3 个传送缓冲器，2 个接收缓冲器，HW 和 SW 信息触发 | 18-Pin PDIP, 18-Pin SOIC, 20-Pin TSSOP |
| MCP2515 | 2.7-5.5 | -40 到+125 | 3 | 2 | 6 | 2 | YES | 与 MCP2510 管脚兼容的升级版，增强的功能包括，更高的数据吞吐量和数据过滤 | 18-Pin PDIP, 18-Pin SOIC, 20-Pin TSSOP |
| MCP25020 | 2.7-5.5 | -40 到+125 | 3 | 2 | 2 | 1 | — | CAN 2.0B I/O 扩展，可配置 I/O, 2 个 PWM 输出 | 14-Pin PDIP, 14-Pin SOIC |
| MCP25025 | 2.7-5.5 | -40 到+85 | 3 | 2 | 2 | 1 | — | CAN 2.0B I/O 扩展，可配置 I/O, 2 个 PWM 输出，一线 CAN 片选 | 14-Pin PDIP, 14-Pin SOIC |
| MCP25050 | 2.7-5.5 | -40 到+125 | 3 | 2 | 2 | 1 | — | 混合信号 CAN I/O 扩展，可配置 I/O, 4 个 10Bit ADC, 2 路 PWM 输出 | 14-Pin PDIP, 14-Pin SOIC |
| MCP25055 | 2.7-5.5 | -40 到+85 | 3 | 2 | 2 | 1 | — | 混合信号 CAN I/O 扩展，可配置 I/O, 4 个 10 位 ADC, 2 路 PWM 输出，一线 CAN 片选 | 14-Pin PDIP, 14-Pin SOIC |
| MCP2551 | 4.5-5.5 | -40 到+125 | — | — | — | — | — | 高速 CAN 收发器(1Mbps CAN 总线速度)，兼容 ISO11898 标准，工业级标准 | 8-Pin PDIP, 8-Pin SOIC |

注释 1：不推荐在新设计中使用。

接口器件—红外产品

| 型号 | 工作电压 (V) | 温度范围 (°C) | 最大波特率 (Kbaud) | 特 性 | 封 装 |
|---------|----------|-----------|---------------|--------------------------------------|---------------------------------------|
| MCP2120 | 2.5-5.5 | -40 到+85 | 325 | 具有硬件和软件波特率选择的 UART 到 IR 的编解码器 | 14-Pin PDIP, 14-Pin SOIC |
| MCP2122 | 1.8-5.5 | -40 到+85 | 16x 小于时钟输入 | UART 到 IR 编解码器 | 8-Pin PDIP, 8-Pin SOIC |
| MCP2140 | 2.7-5.5 | -40 到+85 | 9.6 | IrDA®协议编解码器, 固定波特率, 低成本 | 18-Pin PDIP, 18-Pin SOIC, 20-Pin SSOP |
| MCP2150 | 3.0-5.5 | -40 到+85 | 115.2 | 单片适合 DTE 应用, 可编程 ID 的 IrDA®标准协议的编解码器 | 18-Pin PDIP, 18-Pin SOIC, 20-Pin SSOP |
| MCP2155 | 3.0-5.5 | -40 到+85 | 115.2 | 单片适合 DTE 应用, 可编程 ID 的 IrDA®标准协议的编解码器 | 18-Pin PDIP, 18-Pin SOIC, 20-Pin SSOP |

接口器件—以太网产品

| 型号 | 工作电压 (V) | 工作温度范围 (°C) | MAC | PHY | 发送/接收双通道 RAM | 接口类型 | 最大接口速度 (MHz) | 特征 | 封 装 |
|----------|-----------|-------------|-----|-----------|--------------|------|--------------|---|--|
| ENC28J60 | 3.14-3.45 | 0 到+70 | yes | 10-Base-T | 8KB | SPI | 25 | 以太网控制器, 前容 IEEE 802.3 标准, 反馈检测模式, 自动极检测 | 28-Pin SOIC,28-Pin SSOP,28-Pin 6X6 QFN |

接口器件—LIN 收发器产品

| 型号 | 描 述 | Vreg 输出电压 (V) | 工作温度范围 (°C) | Vreg 输出电流 (mA) | Vcc 范围 (V) | 最大波特率 | 支持的 LIN 协议 | 封 装 |
|--------|-------------------|---------------|-------------|----------------|-----------------------|---------|------------|----------------------------------|
| MCP201 | 带有 VREG 的 LIN 收发器 | 4.75-5.25 | -40 到+125 | 50 | 7.4-18 ⁽¹⁾ | 20Kbaud | 版本 1.2 | 8-pin PDIP, 8-pin SOIC,8-Pin DFN |

注释 1: 能够承受 40V 负载。

接口器件—串行外设

| 型号 | 描 述 | 工作电压 (V) | 工作温度范围 (°C) | 总线类型 | 最大总线频率 (kBits/s) | 特 征 | 封 装 |
|----------|--------------|----------|-------------|-------------------|------------------|---|--|
| MCP23008 | 8 位 I/O 口扩展 | 1.8-5.5 | -40 到+85 | I ² C™ | 1700 | 3HW 地址引脚, HW 中断,I/O25mA 灌拉电流能力 | 18-Pin PDIP, 18-Pin SOIC, 20-Pin TSSOP |
| MCP23S08 | 8 位 I/O 口扩展 | 1.8-5.5 | -40 到+85 | SPI | 10000 | 3HW 地址引脚, HW 中断,I/O25mA 灌拉电流能力 | 18-Pin PDIP, 18-Pin SOIC, 20-Pin TSSOP |
| MCP23016 | 16 位 I/O 口扩展 | 2.0-5.5 | -40 到+85 | I ² C™ | 400 | 3HW 地址引脚, HW 中断,I/O25mA 灌拉电流能力 | 28-Pin PDIP, 28-Pin SOIC, 28-Pin SSOP,28-Pin 6X6 QFN |
| MCP23017 | 16 位 I/O 口扩展 | 1.8-5.5 | -40 到+125 | I ² C™ | 1700 | 3HW 地址引脚, I/O25mA 灌拉电流能力, I ² C 总线支持 100KHz,400KHz 和 3-4MHz,中断输出 | 28-Pin PDIP, 28-Pin SOIC, 28-Pin SSOP, 28-Pin QFN |
| MCP23S17 | 16 位 I/O 口扩展 | 1.8-5.5 | -40 到+125 | SPI | 10000 | 3HW 地址引脚, I/O25mA 灌拉电流能力, 中断输出 | 28-Pin PDIP, 28-Pin SOIC, 28-Pin SSOP, 28-Pin QFN |

接口器件—Passive 访问产品

| 型号 | 工作电压(V) | 工作温度范围 (°C) | 总线类型 | RF 载波频率 | 数据公式 | 特性 | 封 装 |
|---------|---------|-------------|------|---------|------|--|--|
| MCP2030 | 1.8-3.6 | -40 到+85 | SPI™ | 125kHz | NRZ | 三轴天线信号装置, 应用于 Passive 访问, 高灵敏度, 灵敏唤醒滤波 | 14-pin PDIP, 14-pin SOIC,14 -Pin TSSOP |

Microchip 开发系统

MPLAB ICE2000 和 ICE4000 仿真系统

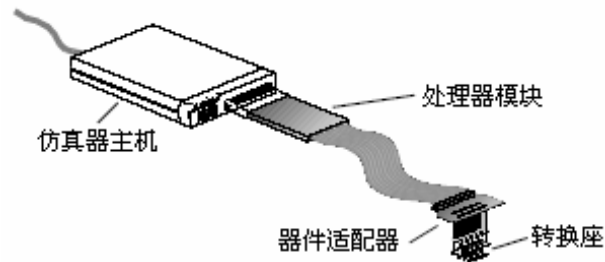
MPLAB ICE 如何下单？

1. 选择你所需要仿真的单片机的型号
2. 选择你所需要的单片机的封装
3. 查找数据表，选择相应的型号，就可以下单

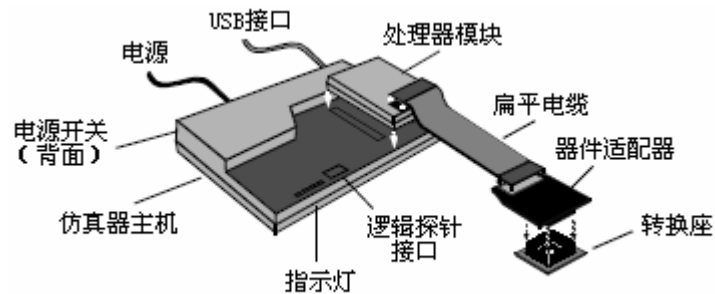
MPLAB ICE 系统组成部分

MPLAB ICE 仿真系统是一种积木式结构的仿真器，通过更换不同的组件即可仿真不同型号的单片机，由于该仿真器支持不同封装的 MICROCHIP 单片机，客户必须确定他们所采用的单片机的封装。这样，客户就可以通过附录去选用相应的组件来组成一个完整的仿真环境。一个完整的仿真环境应该由以下组成：

1. 一个仿真主机（包括并口电缆线和电源）
2. 一个处理器模块（包括一条软性电路板接线）
3. 一个器件适配器
4. 一个转换座



MPLAB ICE 2000仿真系统



MPLAB ICE 4000仿真系统

要购买 MPLAB ICE 仿真系统需要购买数个组件，对这些组件进行了解可以帮助你正确选型购买并使用仿真器，请参照以下：

1. 仿真主机 (Emulator Pod)：

MPLAB ICE2000 和 MPLAB ICE4000 是一个全系列的仿真主机，它由一个主板和带有跟踪存储器以及复杂控制逻辑的扩展板组成。主机通过一个并口电缆线同 PC 进行连接并且附带有电源。MPLAB ICE4000 包含一个连接主机和 USB 口的 USB 电缆。

2. 处理器模块 (Processor Module)：

该模块使用时将其插入仿真器主机，它包括仿真芯片、控制逻辑和低电压回路。所配接的软线连接到用户目标系统的器件适配器。

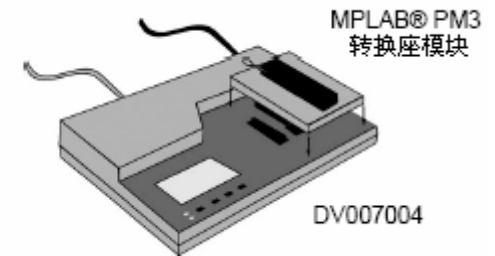
3. 器件适配器 (Device Adapter)：

该器件适配器提供一个通用的接口用于芯片的仿真。它包含一些特殊的器件来提供仿真系统所需要的时钟源并可以支持 RC 振荡模式的仿真。适配器只支持 DIP 或者 PLCC 封装芯片的仿真，若还需要支持其它封装的芯片，还必须使用一个相应的转换座。

4. 转换座 (Transition Socket)：

转换座具有多种型号可以支持相应的封装，如：SOIC、SSOP、PQFP 和 TQFP

PM3 是量产型的编程器，它可以脱机或者连接 PC 机工作。它还包括连接到主机的串口电缆线和一个电源，同时，它需要一个转换座模块（分开采购）连接工作，该转换座模块可以从附录（一）中查到相应的型号。PM3 具有内置 ICSP 的能力。PICSTART PLUS 是 Microchip 微控制器的开发型编程器，可以把用户程序烧录到 PIC 单片机，要烧非直插封装的器件需要一个转换座。PICSTART 更适合于小批量实验而不是大批量生产。



在线调试器：MPLAB ICD2 是一个低成本的在线调试器，基于 FLASH 单片机的开发工具，它连接于 PC 机和目标系统之间，通过在线编程的模式进行调试。该调试器提供实时运行、单步、观察变量、断点运行、RAM 的读和修改等多种功能。ICD2 还可以用做微控制器的编程。

**MPLAB ICE2000 和 MPLAB ICE4000 仿真系统，PRO MATE II 和 PM3 转换座模块，
MPLAB®在线调试器，编程器，演示板或评估套件**

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|---------------------------------------|-------------|--------------------|-------|-----|--------------------|-------|-----|-----------------------|---------------------|-------------------|------------------------|--------------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| 模拟接口器件开发工具 | | | | | | | | | | | | |
| MCP2120 | 14P | | | | | | | | | | | DM163008 |
| MCP2150 | 18P | | | | | | | | | | | DM163008 |
| MCP250XX MCP250XX (20/25/50/55) | 14P 14SO | | | | | | | | AC164301,AC164302 | | | DV250501 |
| MCP2510 | 18P | | | | | | | | | | | DV251001 |
| MCP2515 | 18P | | | | | | | | | | | DV251001 |
| PICmicro®微控制器开发工具 | | | | | | | | | | | | |
| PIC10F200 | 60T | | | | | | | AC164037 | AC164321 | AC163020 | AC162059 +XLT06SOT | DV164101 or DV164120+AC163020 |
| PIC10F200 | 8P | | | | | | | AC164037 | AC164301 | √ | AC162059 | DV164101, DV164120 |
| PIC10F200 | 8MC | | | | | | | | TBD | AC163020-2** | √ | DV164101 or DV164120+AC163020-2** |
| PIC10F202 | 60T | | | | | | | AC164037 | AC164321 | AC163020 | AC162059* +XLT06SOT | DV164101or DV164120+AC163020 |
| PIC10F202 | 8P | | | | | | | AC164037 | AC164301 | √ | AC162059 | DV164101, DV164120 |
| PIC10F202 | 8MC | | | | | | | | TBD | AC163020-2** | √ | DV164101 or DV164120+AC163020-2** |
| PIC10F204 | 60T | | | | | | | AC164037 | AC164321 | AC163020 | AC162059 +XLT06SOT | DV164101or DV164120+AC163020 |
| PIC10F204 | 8P | | | | | | | AC164037 | AC164301 | √ | AC162059 | DV164101, DV164120 |
| PIC10F204 | 8MC | | | | | | | | TBD | AC163020-2** | √ | DV164101 or DV164120+AC163020-2** |
| PIC10F206 | 60T | | | | | | | AC164037 | AC164321 | AC163020 | AC162059 +XLT06SOT | DV164101or DV164120+AC163020 |
| PIC10F206 | 8P | | | | | | | AC164037 | AC164301 | √ | AC162059 | DV164101, DV164120 |
| PIC10F206 | 8MC | | | | | | | | TBD | AC163020-2** | √ | DV164101 or DV164120+AC163020-2** |
| PIC10F220 | 60T | | | | | | | AC164037* | AC164321* | AC163020* | AC162059* +XLT06SOT | DV164101or DV164120+AC163020 |
| PIC10F220 | 8P | | | | | | | AC164037* | AC164301* | √ * | AC162059* | DV164101, DV164120 |
| PIC10F220 | 8MC | | | | | | | | TBD | AC163020-2** | √ | DV164101 or DV164120+AC163020-2** |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|--------------------------|--------------------|-------|-----|-----------------------|---------------------|-------------------|---------------------------------------|---|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC10F222 | 6OT | | | | | | | AC164037* | AC164321* | AC163020* | AC162059* +XLT06SOT | DV164101or DV164120+AC163020 |
| PIC10F222 | 8P | | | | | | | AC164037* | AC164301* | √ * | AC162059* | DV164101, DV164120 |
| PIC10F222 | 8MC | | | | | | | | TBD | AC163020-2** | √ | DV164101 or DV164120+AC163020-2** |
| PIC12F508 | 8P | PCM16XA0 | DVA12XP080 | | | | | AC124001 | AC164301 | √ | AC162059 | DV164101,DM163014, DV164120,DM163029 |
| PIC12F508 | 8SN | PCM16XA0 | DVA12XP080 | XLT08SO | | | | AC164026 | AC164302 | | AC162059 +XLT08SO | |
| PIC12F508 | 8ST | PCM16XA0 | DVA12XP080 | | | | | | AC164306 | | | |
| PIC12F508 | 8MS | PCM16XA0 | DVA12XP080 | | | | | | AC164325 | | | |
| PIC12F508 | 8MC | PCM16XA0 | DVA12XP080 | | | | | | TBD | AC163020-2** | √ | DV164120+AC163020-2** |
| PIC12F509 | 8P | PCM16XA0 | DVA12XP080 | | | | | AC124001 | AC164301 | √ | AC162059 | DV164101,DM163014, DV164120,DM163029 |
| PIC12F509 | 8SN | PCM16XA0 | DVA12XP080 | XLT08SO | | | | AC164026 | AC164302 | | AC162059 +XLT08SO | |
| PIC12F509 | 8ST | PCM16XA0 | DVA12XP080 | | | | | | AC164306 | | | |
| PIC12F509 | 8MS | PCM16XA0 | DVA12XP080 | | | | | | AC164325 | | | |
| PIC12F509 | 8MC | PCM16XA0 | DVA12XP080 | | | | | | TBD | | | DV164120+AC163020-2** |
| PIC12F510 | 8P | | | | | | | AC124001* | AC164301 | √ | AC162059 | DV164101*, DV164120,DM163029 |
| PIC12F510 | 8SN | | | | | | | AC164026* | AC164302 | | AC162059 +XLT08SO | |
| PIC12F510 | 8MS | | | | | | | | AC164325 | | | |
| PIC12F510 | 8MF | | | | | | | | AC164324 | | | |
| PIC12F510 | 8MC | PCM16XA0 | DVA12XP080 | | | | | | TBD | | | DV164120+AC163020-2** |
| PIC12F629 | 8P | PCM12XB0 | DVA12XP081 | | | | | AC124001 | AC164301 | √ | AC162050 | DM163014,DV164101, DV164120,DM163029 |
| PIC12F629 | 8SN | PCM12XB0 | DVA12XP081 | XLT08SO | | | | AC164026 | AC164302 | | AC162050+ XLT08SO | |
| PIC12F629 | 8MF | PCM12XB0 | DVA12XP081 | XLT08DFN or XLT08DFN2 | | | | AC124001 +AC164032 | AC164324 | AC164032 | AC162050+ XLT08DFN or XLT08DFN2 | |
| PIC12F635 | 8P | PCM16YM0 | DVA1004** | ACICE0201 | | | | AC124001 | AC164301 | √ | AC162057 | DM163014,DV164101, DV164120,DM163029 |
| PIC12F635 | 8SN | PCM16YM0 | DVA1004** | XLT08SO | | | | AC164026 | AC164302 | | AC162057 + XLT08SO | |
| PIC12F635 | 8MF | PCM16YM0 | DVA1004 | XLT08DFN or XLT08DFN2 | | | | AC124001 +AC164032 | AC164324 | AC164302 | AC162050+ XLT08DFN or XLT08DFN2 | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|-----------|--------------------|------------|--------------------------|--------------------|-------|-----|-----------------------|---------------------|-------------------|---------------------------------------|---|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC12F675 | 8P | PCM12XB0 | DVA12XP081 | | | | | AC124001 | AC164301 | √ | AC162050 | DM163014,DV164101, DV164120,DM163029 |
| PIC12F675 | 8SN | PCM12XB0 | DVA12XP081 | XLT08SO | | | | AC164026 | AC164302 | | AC162050 + XLT08SO | |
| PIC12F675 | 8MF | PCM12XB0 | DVA12XP081 | XLT08DFN or XLT08DFN2 | | | | AC124001 +AC164032 | AC164324 | AC164032 | AC162050+ XLT08DFN or XLT08DFN2 | |
| PIC12F683 | 8P | PCM12XC0 | DVA1004** | ACICE0201 | | | | AC124001 | AC164301 | √ | AC162058 | DM163014,DV164101, DV164120,DM163029 |
| PIC12F683 | 8SN | PCM12XC0 | DVA1004** | XLT08SO | | | | AC164026 | AC164302 | | AC162058 + XLT08SO | |
| PIC12F683 | 8MF | PCM12XC0 | DVA1004 | XLT08DFN or XLT08DFN2 | | | | AC124001+ AC164032 | AC164324 | AC164032 | AC162058 +XLT08DFN or XLT08DFN2 | |
| PIC16F54 | 18P | PCM16XA0 | DVA16XP180 | | | | | AC164001 | AC164301 | √ | | DV164101,DV164120 |
| PIC16F54 | 18SO | PCM16XA0 | DVA16XP180 | XLT18SO | | | | AC164002 | AC164302 | | | |
| PIC16F54 | 20SS | PCM16XA0 | DVA16XP180 | XLT20SS | | | | AC164015 | AC164307 | | | |
| PIC16F57 | 28P | PCM16XA0 | DVA16XP280 | XLT28XP | | | | AC164001 | AC164301 | | | |
| PIC16F57 | 28SP | PCM16XA0 | DVA16XP280 | | | | | AC164001 | AC164301 | √ | | DM164101,DV164120 |
| PIC16F57 | 28SO | PCM16XA0 | DVA16XP280 | XLT28SO | | | | AC164002 | AC164302 | | | |
| PIC16F57 | 28SS | PCM16XA0 | DVA16XP280 | XLT28SS2 | | | | AC164015 | AC164307 | | | |
| PIC16F59 | 40P | | | | | | | AC164038 | AC164301 | | √ * | DM164101,DV164120 |
| PIC16F59 | 44PT | | | | | | | | AC164305 | | √ * | |
| PIC16F72 | 28SP,28JW | PCM16XS2 | DVA16XP282 | | | | | AC164012 | AC164301 | √ | | DM163022 |
| PIC16F72 | 28SO | PCM16XS2 | DVA16XP282 | XLT28SO | | | | AC164017 | AC164302 | | | |
| PIC16F72 | 28SS | PCM16XS2 | DVA16XP282 | XLT28SS | | | | AC164021 | AC164307 | | | |
| PIC16F72 | 28ML | PCM16XS2 | DVA16XP282 | XLT28QFN4 | | | | AC164012+ AC164031 | AC164322 | AC164031 | | |
| PIC16F73 | 28SP,28JW | PCM16XS2 | DVA16XP282 | | | | | AC164012 | AC164301 | √ | √ * | DM163022 |
| PIC16F73 | 28ML | PCM16XS2 | DVA16XP282 | XLT28QFN4 | | | | AC164012 +AC164031 | AC164322 | AC164031 | √ * | |
| PIC16F73 | 28SO | PCM16XS2 | DVA16XP282 | XLT28SO | | | | AC164017 | AC164302 | | √ * | |
| PIC16F73 | 28SS | PCM16XS2 | DVA16XP282 | XLT28SS | | | | AC164021 | AC164307 | | √ * | |
| PIC16F74 | 40P | PCM16XS2 | DVA16XP401 | | | | | AC164012 | AC164301 | √ | √ * | DM163022 |
| PIC16F74 | 44L | PCM16XS2 | DVA16XL441 | | | | | AC164013 | AC164309 | | √ * | |
| PIC16F74 | 44PT | PCM16XS2 | DVA16PQ441 | XLT44PT or XLT44PT3 | | | | AC164020 | AC164305 | | √ * | |
| PIC16F74 | 44ML | PCM16XS2 | DVA16XL441 | XLT44QFN2 | | | | AC164012 +AC164034 | AC164322 | AC164034 | √ * | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|-----------|--------------------|------------|------------------------|--------------------|-------|-----|-----------------------|---------------------|-------------------|-----------------------|---|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC16F76 | 28SP,28JW | PCM16XS2 | DVA16XP282 | | | | | AC164012 | AC164301 | √ | √* | DM163022 |
| PIC16F76 | 28ML | PCM16XS2 | DVA16XP282 | XLT28QFN4 | | | | AC164012+ AC164031 | AC164322 | AC164031 | √* | |
| PIC16F76 | 28SO | PCM16XS2 | DVA16XP282 | XLT28SO | | | | AC164017 | AC164302 | | √* | |
| PIC16F76 | 28SS | PCM16XS2 | DVA16XP282 | XLT28SS | | | | AC164021 | AC164307 | | √* | |
| PIC16F77 | 40P,40JW | PCM16XS2 | DVA16XP401 | | | | | AC164012 | AC164301 | √ | √* | DM163022 |
| PIC16F77 | 44L | PCM16XS2 | DVA16XL441 | | | | | AC164013 | AC164309 | | √* | |
| PIC16F77 | 44ML | PCM16XS2 | DVA16XL441 | XLT44PQFN2 | | | | AC164012+AC164034 | AC164322 | AC164034 | √* | |
| PIC16F77 | 44PT | PCM16XS2 | DVA16PQ441 | XLT44PT or XLT44PT3 | | | | AC164020 | AC164305 | | √* | |
| PIC16F84A | 18P | PCM16XH1 | DVA16XP180 | | | | | AC164010 | AC164301 | √ | | |
| PIC16F84A | 18SO | PCM16XH1 | DVA16XP180 | XLT18SO | | | | AC164010 | AC164302 | | | |
| PIC16F84A | 20SS | PCM16XH1 | DVA16XP180 | XLT20SS | | | | AC164018 | AC164307 | | | |
| PIC16F87 | 18P | PCM16YG0 | DVA1006 | | | | | AC164010 | AC164301 | √ | √ | DM163014 |
| PIC16F87 | 18SO | PCM16YG0 | DVA1006 | XLT18SO | | | | AC164010 | AC164302 | | √ | |
| PIC16F87 | 20SS | PCM16YG0 | DVA1006 | XLT20SS | | | | AC164018 | AC164307 | | √ | |
| PIC16F87 | 28ML | PCM16YG0 | DVA1006 | XLT28QFN3 | | | | AC164010+ AC164033 | AC164322 | AC164033 | √ | |
| PIC16F88 | 18P | PCM16YG0 | DVA1006 | | | | | AC164010 | AC164301 | √ | √ | DM163014 |
| PIC16F88 | 18SO | PCM16YG0 | DVA1006 | XLT18SO | | | | AC164010 | AC164302 | | √ | |
| PIC16F88 | 20SS | PCM16YG0 | DVA1006 | XLT20SS | | | | AC164018 | AC164307 | | √ | |
| PIC16F88 | 28ML | PCM16YG0 | DVA1006 | XLT28QFN3 | | | | AC164010 +AC164033 | AC164322 | AC164033 | √ | |
| PIC16F505 | 14P,14JW | PCM16XA0 | DVA16XP140 | | | | | AC124001 | AC164301 | √ | AC162059 | DM163014,DV164101, DV164120,DM163029 |
| PIC16F505 | 14SL | PCM16XA0 | DVA16XP140 | XLT14SO | | | | AC164026 | AC164302 | | AC162059 +XLT14SO | |
| PIC16F505 | 14ST | PCM16XA0 | DVA16XP140 | | | | | | AC164306 | | | |
| PIC16F506 | 14P | | | | | | | AC124001* | AC164301* | √ | AC162070* | DV164101*, DV164120,DM163029 |
| PIC16F506 | 14SO | | | | | | | AC164026* | AC164302* | | AC162070* +XLT14SO | |
| PIC16F506 | 14ST | | | | | | | | AC164306* | | | |
| PIC16F506 | 16ML | | | | | | | | AC164324* | | | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
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| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC16F627A | 18P | PCM16YF0 | DVA1006 | | | | | AC164010 | AC164301 | √ | AC162053 | |
| PIC16F627A | 18SO | PCM16YF0 | DVA1006 | XLT18SO | | | | AC164010 | AC164302 | | AC162053 +XLT18SO | |
| PIC16F627A | 20SS | PCM16YF0 | DVA1006 | XLT20SS | | | | AC164018 | AC164307 | | AC162053 +XLT20SS | |
| PIC16F627A | 28ML | PCM16YF0 | DVA1006 | XLT28QFN3 | | | | AC164010 +AC164033 | AC164322 | AC164033 | AC162053 +XLT28QFN3 | |
| PIC16F628A | 18P | PCM16YF0 | DVA1006 | | | | | AC164010 | AC164301 | √ | AC162053 | DM163014 |
| PIC16F628A | 18SO | PCM16YF0 | DVA1006 | XLT18SO | | | | AC164010 | AC164302 | | AC162053 +XLT18SO | |
| PIC16F628A | 20SS | PCM16YF0 | DVA1006 | XLT20SS | | | | AC164018 | AC164307 | | AC162053 +XLT20SS | |
| PIC16F628A | 28ML | PCM16YF0 | DVA1006 | XLT28QFN3 | | | | AC164010+ AC164033 | AC164322 | AC164033 | AC162053 +XLT28QFN3 | |
| PIC16F630 | 14P | PCM16YD0 | DVA16XP141 | | | | | AC124001 | AC164301 | √ | AC162052 | DM163014, DV164101 DV164120,DM163029 |
| PIC16F630 | 14SL | PCM16YD0 | DVA16XP141 | XLT14SO | | | | AC164026 | AC164302 | | AC162052 +XLT14SO | |
| PIC16F630 | 14ST | PCM16YD0 | DVA16XP141 | XLT14SS | | | | AC164026 | AC164306 | | AC162052 +XLT14SS | |
| PIC16F631 | 20ML | PCM16YQ0 | DVA1004 | TBD | | | | | AC164326 | √ | AC162061 +TBD | |
| PIC16F631 | 20SS | PCM16YQ0 | DVA1004 | XLT20SS1-1 | | | | | AC164307 | | AC162061 +XLT20SS1-1 | |
| PIC16F631 | 20SO | PCM16YQ0 | DVA1004 | XLT20SO1 | | | | AC164039 | AC164302 | | AC162061 +XLT20SO1 | |
| PIC16F631 | 20P | PCM16YQ0 | DVA1004 | ACICE0203 | | | | AC164039 | AC164301 | √ | AC162061 | DV164120 |
| PIC16F636 | 14P | PCM16YM0 | DVA1004** | ACICE0207 | | | | AC124001 | AC164301 | √ | AC162057 | DV164120, DM16329 |
| PIC16F636 | 14SL | PCM16YM0 | DVA1004** | XLT14SO | | | | AC164026 | AC164302 | | AC162057 +XLT14SO | |
| PIC16F636 | 14ST | PCM16YM0 | DVA1004** | XLT14SS | | | | AC164026 | AC164306 | | AC162057 +XLT14SS | |
| PIC16F636 | 16ML | PCM16YM0 | DVA1004 | XLT16QFN1 | | | | | AC164324 | √ | AC162057 +XLT16QFN1 | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
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| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC16F639 | 20P | PCM16YM0 | DVA1004 | ACICE0203 | | | | AC164039 | AC164301 | √ | AC162066 | DV164101* DM163014,DM16329 |
| PIC16F639 | 20SO | PCM16YM0 | DVA1004 | XLT20SO1 | | | | AC164039 | AC164302 | | AC162066 +XLT20SO1 | |
| PIC16F639 | 20SS | PCM16YM0 | DVA1004 | XLT20SS1-1 | | | | | AC164307 | | AC162066 +XLT20SS1-1 | |
| PIC16F648A | 18P | PCM16YF0 | DVA16XP186 | | | | | AC164010 | AC164301 | √ | AC162053 | DM163014 |
| PIC16F648A | 18SO | PCM16YF0 | DVA16XP186 | XLT18SO | | | | AC164010 | AC164302 | | AC162053 +XLT18SO | |
| PIC16F648A | 20SS | PCM16YF0 | DVA16XP186 | XLT20SS | | | | AC164018 | AC164307 | | AC162053 +XLT20SS | |
| PIC16F648A | 28ML | PCM16YF0 | DVA16XP186 | XLT28QFN3 | | | | AC164010+ AC164033 | AC164322 | AC164033 | AC162053 +XLT28QFN3 | |
| PIC16F676 | 14P | PCM16YD0 | DVA16XP141 | | | | | AC124001 | AC164301 | √ | AC162052 | DM163014,DV164101, DV164120, DM16329 |
| PIC16F676 | 14SL | PCM16YD0 | DVA16XP141 | XLT14SO | | | | AC164026 | AC164302 | | AC162052 +XLT14SO | |
| PIC16F676 | 14ST | PCM16YD0 | DVA16XP141 | XLT14SS | | | | AC164039 | AC164306 | | AC162052 +XLT14SS | |
| PIC16F677 | 20SO | PCM16YQ0 | DVA1004 | XLT20SO1 | | | | AC164039 | AC164302 | | AC162061 +XLT20SO1 | |
| PIC16F677 | 20ML | PCM16YQ0 | DVA1004 | TBD | | | | | AC164326 | | AC162061 +TBD | |
| PIC16F677 | 20SS | PCM16YQ0 | DVA1004 | XLT20SS1-1 | | | | | AC164307 | | AC162061 +XLT20SS1-1 | |
| PIC16F677 | 20P | PCM16YQ0 | DVA1004 | ACICE0203 | | | | AC164039 | AC164301 | √ * | AC162061 | DV164120 |
| PIC16F684 | 14P | PCM16YK0 | DVA1004** | ACICE0207 | | | | AC124001 | AC164301 | √ | AC162055 | DV164101, DV164120,DM163029 |
| PIC16F684 | 14SL | PCM16YK0 | DVA1004** | XLT14SO | | | | AC164026 | AC164302 | | AC162055 +XLT14SO | |
| PIC16F684 | 14ST | PCM16YK0 | DVA1004** | XLT14SS | | | | AC164026 | AC164306 | | AC162055 +XLT14SS | |
| PIC16F684 | 16ML | PCM16YM0 | DVA1004 | XLT16QFN1 | | | | | AC164324 | √ | AC162057 +XLT16QFN1 | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|-----------|------------|--------------------|-------|-----|-----------------------|---------------------|-------------------|-------------------------|--------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC16F685 | 20P | PCM16YQ0** | DVA1004 | ACICE0203 | | | | AC164039 | AC164301 | √ * | AC162061 | DV164120,DM163029 |
| PIC16F685 | 20SO | PCM16YQ0** | DVA1004 | XLT20SO1 | | | | AC164039 | AC164302 | | AC162061 +XLT20SO1 | |
| PIC16F685 | 20SS | PCM16YQ0** | DVA1004 | XLT20SS1-1 | | | | | AC164307 | | AC162061 +XLT20SS1-1 | |
| PIC16F685 | 20ML | PCM16YQ0 | DVA1004 | TBD | | | | | AC164326 | | AC162061 +TBD | |
| PIC16F687 | 20P | PCM16YQ0*8 | DVA1004 | ACICE0203 | | | | AC164039 | AC164301 | √ * | AC162061 | DV164120 DM16329 |
| PIC16F687 | 20SO | PCM16YQ0** | DVA1004 | XLT20SO1 | | | | AC164039 | AC164302 | | AC162061 +XLT20SO1 | |
| PIC16F687 | 20SS | PCM16YQ0** | DVA1004 | XLT20SS1 | | | | | AC164307 | | AC162061 +XLT20SS1-1 | |
| PIC16F687 | 20ML | PCM16YQ0 | DVA1004 | TBD | | | | | AC164326 | | AC162061 +TBD | |
| PIC16F688 | 14P | PCM16YL0 | DVA1004** | ACICE0207 | | | | AC124001 | AC164301 | √ | AC162056 | DV164101, DV164120, DM16329 |
| PIC16F688 | 14SL | PCM16YL0 | DVA1004** | XLT14SO | | | | AC164026 | AC164302 | | AC162056 +XLT14SO | |
| PIC16F688 | 14ST | PCM16YL0 | DVA1004** | XLT14SS | | | | AC164026 | AC164306 | | AC162056 +XLT14SS | |
| PIC16F688 | 16ML | PCM16YL0 | DVA1004 | XLT16QFN1 | | | | | AC164324 | √ | AC162056 +XLT16QFN1 | |
| PIC16F689 | 20P | PCM16YQ0 | DVA1004 | ACICE0203 | | | | AC164039 | AC164301 | √ | AC162061 | DV164120,DM16329 |
| PIC16F689 | 20SO | PCM16YQ0 | DVA1004 | XLT20SO1 | | | | AC164039 | AC164302 | | AC162061 +XLT20SO1 | |
| PIC16F689 | 20SS | PCM16YQ0 | DVA1004 | XLT20SS1-1 | | | | | AC164307 | | AC162061 +XLT20SS1-1 | |
| PIC16F689 | 20ML | PCM16YQ0 | DVA1004 | TBD | | | | | AC164326 | | AC162061 +TBD | |
| PIC16F690 | 20P | PCM16YQ0 | DVA1004 | ACICE0203 | | | | AC164039 | AC164301 | | AC162061 | DV164120 ,DM16329 |
| PIC16F690 | 20SO | PCM16YQ0 | DVA1004 | XLT20SO1 | | | | AC164039 | AC164302 | | AC162061 +XLT20SO1 | |
| PIC16F690 | 20SS | PCM16YQ0 | DVA1004 | XLT20SS1 | | | | | AC164307 | | AC162061 +XLT20SS1-1 | |
| PIC16F690 | 20ML | PCM16YQ0 | DVA1004 | TBD | | | | | AC164326 | | AC162061 +TBD | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|-----------|--------------------|------------|------------------------|--------------------|-------|-----|-----------------------|---------------------|-------------------|-------------------------|-------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC16F716 | 18P | PCM16YJ0 | DVA1001 | | | | | AC164010 | AC164301 | √ | AC162054 | |
| PIC16F716 | 18SO | PCM16YJ0 | DVA1001 | XLT18SO | | | | AC164010 | AC164302 | | AC162054 +XLT18SO | |
| PIC16F716 | 20SS | PCM16YJ0 | DVA1001 | XLT20SS | | | | AC164018 | AC164307 | | AC162054 +XLT20SS | |
| PIC16F737 | 28P | PCM16YH0 | DVA18XP280 | | | | | AC164012 | AC164301 | √ | √ | |
| PIC16F737 | 28SO | PCM16YH0 | DVA18XP280 | XLT28SO | | | | AC164017 | AC164302 | | √ | |
| PIC16F737 | 28SS | PCM16YH0 | DVA18XP280 | XLT28SS | | | | AC164021 | AC164307 | | √ | |
| PIC16F737 | 28ML | PCM16YH0 | DVA18XP280 | XLT28QFN4 | | | | AC164012+ AC164031 | AC164322 | AC164031 | √ | |
| PIC16F747 | 40P | PCM16YH0 | DVA18XP400 | | | | | AC164012 | AC164301 | √ | √ | |
| PIC16F747 | 44PT | PCM16YH0 | DVA18PQ440 | XLT44PT or XLT44PT3 | | | | AC164020 | AC164305 | | √ | |
| PIC16F747 | 44ML | PCM16YH0 | DVA18XP400 | XLT44QFN2 | | | | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC16F767 | 28P | PCM16YH0 | DVA18XP280 | | | | | AC164012 | AC164301 | √ | √ | |
| PIC16F767 | 28SO | PCM16YH0 | DVA18XP280 | XLT28SO | | | | AC164017 | AC164302 | | √ | |
| PIC16F767 | 28SS | PCM16YH0 | DVA18XP280 | XLT28SS | | | | AC164021 | AC164307 | | √ | |
| PIC16F767 | 28ML | PCM16YH0 | DVA18XP280 | XLT28QFN4 | | | | AC164012 +AC164031 | AC164322 | AC164031 | √ | |
| PIC16F777 | 40P | PCM16YH0 | DVA18XP400 | | | | | AC164012 | AC164301 | √ | √ | |
| PIC16F777 | 44PT | PCM16YH0 | DVA18PQ440 | XLT44PT or XLT44PT3 | | | | AC164020 | AC164305 | | √ | |
| PIC16F777 | 44ML | PCM16YH0 | DVA18XP400 | XLT44QFN2 | | | | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC16F785 | 20P | PCM16YN0 | DVA1004 | ACICE0203 | | | | AC164039 | AC164301 | √ * | AC162060 | DV164120,DM163029 |
| PIC16F785 | 20SO | PCM16YN0 | DVA1004 | XLT20SO1 | | | | AC164039 | AC164302 | | AC162060 +XLT20SO1 | |
| PIC16F785 | 20SS | PCM16YN0 | DVA1004 | XLT20SS1-1 | | | | | AC164307 | | AC162060 +XLT20SS1-1 | |
| PIC16F818 | 18P | PCM16YE0 | DVA1006 | | | | | AC164010 | AC164301 | √ | √ | DM163014 |
| PIC16F818 | 18SO | PCM16YE0 | DVA1006 | XLT18SO | | | | AC164010 | AC164302 | | √ | |
| PIC16F818 | 20SS | PCM16YE0 | DVA1006 | XLT20SS | | | | AC164018 | AC164307 | | √ | |
| PIC16F818 | 28ML | PCM16YE0 | DVA1006 | XLT28QFN3 | | | | AC164010+ AC164033 | AC164322 | AC164033 | √ | |
| PIC16F819 | 18P | PCM16YE0 | DVA1006 | | | | | AC164010 | AC164301 | √ | √ | DM163014 |
| PIC16F819 | 18SO | PCM16YE0 | DVA1006 | XLT18SO | | | | AC164010 | AC164302 | | √ | |
| PIC16F819 | 20SS | PCM16YE0 | DVA1006 | XLT20SS | | | | AC164018 | AC164307 | | √ | |
| PIC16F819 | 28ML | PCM16YE0 | DVA1006 | XLT28QFN3 | | | | AC164010+ AC164033 | AC164322 | AC164033 | √ | |
| PIC16F870 | 28SP,28JW | PCM16XR1 | DVA16XP282 | | | | | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC16F870 | 28SO | PCM16XR1 | DVA16XP282 | XLT28SO | | | | AC164017 | AC164302 | | √ | |
| PIC16F870 | 28SS | PCM16XR1 | DVA16XP282 | XLT28SS | | | | AC164021 | AC164307 | | √ | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|------------------------|--------------------|-------|-----|-----------------------|---------------------|----------------|-------------|-------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC16F871 | 40P | PCM16XR1 | DVA16XP401 | | | | | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC16F871 | 44L | PCM16XR1 | DVA16XL441 | | | | | AC164013 | AC164309 | | √ | |
| PIC16F871 | 44PT | PCM16XR1 | DVA16PQ441 | XLT44PT or XLT44PT3 | | | | AC164020 | AC164305 | | √ | |
| PIC16F872 | 28SP | PCM16XK1 | DVA16XP282 | | | | | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC16F872 | 28SO | PCM16XK1 | DVA16XP282 | XLT28SO | | | | AC164017 | AC164302 | | √ | |
| PIC16F872 | 28SS | PCM16XK1 | DVA16XP282 | XLT28SS | | | | AC164021 | AC164307 | | √ | |
| PIC16F873A | 28SP | PCM16XV0 | DVA16XP282 | | | | | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC16F873A | 28SO | PCM16XV0 | DVA16XP282 | XLT28SO | | | | AC164017 | AC164302 | | √ | |
| PIC16F873A | 28SS | PCM16XV0 | DVA16XP282 | XLT28SS | | | | AC164021 | AC164307 | | √ | |
| PIC16F873A | 28ML | PCM16XV0 | DVA16XP282 | XLT28QFN4 | | | | AC164012 +AC164031 | AC164322 | AC164031 | √ | |
| PIC16F874A | 40P | PCM16XV0 | DVA16XP401 | | | | | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC16F874A | 44L | PCM16XV0 | DVA16XL441 | | | | | AC164013 | AC164309 | | √ | |
| PIC16F874A | 44PT | PCM16XV0 | DVA16PQ441 | XLT44PT or XLT44PT3 | | | | AC164020 | AC164305 | | √ | |
| PIC16F874A | 44ML | PCM16XV0 | DVA16XP401 | XLT44QFN2 | | | | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC16F876A | 28SP | PCM16XV0 | DVA16XP282 | | | | | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC16F876A | 28SO | PCM16XV0 | DVA16XP282 | XLT28SO | | | | AC164017 | AC164302 | | √ | |
| PIC16F876A | 28SS | PCM16XV0 | DVA16XP282 | XLT28SS | | | | AC164021 | AC164307 | | √ | |
| PIC16F876A | 28ML | PCM16XV0 | DVA16XP282 | XLT28QFN4 | | | | AC164012 +AC164031 | AC164322 | AC164031 | √ | |
| PIC16F877A | 40P | PCM16XV0 | DVA16XP401 | | | | | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC16F877A | 44L | PCM16XV0 | DVA16XL441 | | | | | AC164013 | AC164309 | | √ | |
| PIC16F877A | 44PT | PCM16XV0 | DVA16PQ441 | XLT44PT or XLT44PT3 | | | | AC164020 | AC164305 | | √ | |
| PIC16F877A | 44ML | PCM16YV0 | DVA16XP401 | XLT44QFN2 | | | | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC16F913 | 28P | PCM16YP0 | DVA18XP280 | | | | | AC164012 | AC164301 | √ * | √ * | DV164120 |
| PIC16F913 | 28SO | PCM16YP0 | DVA18XP280 | XLT28SO | | | | AC164017 | AC164302 | | √ * | |
| PIC16F913 | 28SS | PCM16YP0 | DVA18XP280 | XLT28SS | | | | AC164021 | AC164307 | | √ * | |
| PIC16F913 | 28ML | PCM16YP0 | DVA18XP280 | XLT28QFN4 | | | | AC164012+ AC164031 | AC164322 | AC164031 | √ * | |
| PIC16F914 | 40P | PCM16YP0 | DVA18XP400 | | | | | AC164012 | AC164301 | √ * | √ | DV164120,DM163029 |
| PIC16F914 | 44L | PCM16YP0 | DVA18XP440 | XLT44PT or XLT44PT3 | | | | AC164020 | AC164305 | | √ | |
| PIC16F914 | 44PT | PCM16YP0 | DVA18XP400 | XLT28QFN2 | | | | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC16F916 | 28P | PCM16YP0 | DVA18XP280 | | | | | AC164012 | AC164301 | √ * | √ | DV164120 |
| PIC16F916 | 28SO | PCM16YP0 | DVA18XP280 | XLT28SO | | | | AC164017 | AC164302 | | √ | |
| PIC16F916 | 28SS | PCM16YP0 | DVA18XP280 | XLT28SS | | | | AC164021 | AC164307 | | √ | |
| PIC16F916 | 28ML | PCM16YP0 | DVA18XP280 | XLT28QFN4 | | | | AC164012+ AC164031 | AC164322 | AC164031 | √ | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|------------------------|--------------------|---------|-----------|-----------------------|---------------------|-------------------|-------------|-------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC16F917 | 40P | PCM16YP0 | DVA18XP400 | | | | | AC164012 | AC164301 | √ * | √ | DV164120,DM163029 |
| PIC16F917 | 44PT | PCM16YP0 | DVA18XP440 | XLT44PT or XLT44PT3 | | | | AC164020 | AC164305 | | √ | MA160011,DV164121 |
| PIC16F917 | 44ML | PCM16YP0 | DVA18XP400 | XLT44QFN2 | | | | AC164012+ AC164034 | AC164303* | | √ * | |
| PIC16F946 | 64PT | PCM16YP0 | DVA1005** | XLT64PT5 | | | | TBD | AC164322 | AC164034 | √ | MA160011 |
| PIC16HV540 | 18P,18JW | | | | | | | AC164001 | AC164301 | √ | | |
| PIC16HV540 | 18SO | | | | | | | AC164002 | AC164302 | | | |
| PIC16HV540 | 20SS | | | | | | | AC164015 | AC164307 | | | |
| PIC18F1220 | 18P | PCM18XJ0 | DVA18XP180 | | PMF18WD0 | DAF18-4 | ACICE0202 | AC164010 | AC164301 | √ * | √ | DM163014 |
| PIC18F1220 | 18SO | PCM18XJ0 | DVA18XP180 | XLT18SO | PMF18WD0 | DAF18-4 | XLT18SO | AC164010 | AC164302 | | √ | |
| PIC18F1220 | 18SS | PCM18XJ0 | DVA18XP180 | XLT20SS | PMF18WD0 | DAF18-4 | XLT20SS | AC164018 | AC164307 | | √ | |
| PIC18F1220 | 28ML | PCM18XJ0 | DVA18XP180 | XLT28QFN3 | PMF18WD0 | DAF18-4 | XLT28QFN3 | AC164010 +AC164033 | AC164322 | AC164033 | √ | |
| PIC18F1230 | 18P | | | | | | | TBD | AC164301* | √ * | √ * | |
| PIC18F1230 | 18SO | | | | | | | TBD | AC164302* | | √ * | |
| PIC18F1230 | 20SS | | | | | | | TBD | AC164307* | | √ * | |
| PIC18F1230 | 28ML | | | | | | | | AC164322* | | √ * | |
| PIC18F1231 | 18P | | | | | | | TBD | AC164301* | √ * | √ * | |
| PIC18F1231 | 18SO | | | | | | | TBD | AC164302* | | √ * | |
| PIC18F1231 | 20SS | | | | | | | TBD | AC164307* | | √ * | |
| PIC18F1231 | 28ML | | | | | | | | AC164322* | | √ * | |
| PIC18F1320 | 18P | PCM18XJ0 | DVA18XP180 | | PMF18WD0 | DAF18-4 | ACICE0202 | AC164010 | AC164301 | √ * | √ | DM163014 |
| PIC18F1320 | 18SO | PCM18XJ0 | DVA18XP180 | XLT18SO | PMF18WD0 | DAF18-4 | XLT18SO | AC164010 | AC164302 | | √ | |
| PIC18F1320 | 18SS | PCM18XJ0 | DVA18XP180 | XLT20SS | PMF18WD0 | DAF18-4 | XLT20SS | AC164018 | AC164307 | | √ | |
| PIC18F1320 | 28ML | PCM18XJ0 | DVA18XP180 | XLT28QFN3 | PMF18WD0 | DAF18-4 | XLT28QFN3 | AC164010+AC164033 | AC164322 | AC164033* | √ | |
| PIC18F1330 | 18P | | | | | | | TBD | AC164301* | √ * | √ * | |
| PIC18F1330 | 18SO | | | | | | | TBD | AC164302* | | √ * | |
| PIC18F1330 | 20SS | | | | | | | TBD | AC164307* | | √ * | |
| PIC18F1330 | 28ML | | | | | | | | AC164322* | | √ * | |
| PIC18F1331 | 18P | | | | | | | TBD | AC164301* | √ * | √ * | |
| PIC18F1331 | 18SO | | | | | | | TBD | AC164302* | | √ * | |
| PIC18F1331 | 20SS | | | | | | | TBD | AC164307* | | √ * | |
| PIC18F1331 | 28ML | | | | | | | | AC164322* | | √ * | |
| PIC18F2220 | 28SP | PCM18XH3 | DVA18XP280 | | PMF18WC1 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | |
| PIC18F2220 | 28SO | PCM18XH3 | DVA18XP280 | XLT28SO | PMF18WC1 | DAF184 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2221 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012* | AC164301* | √ | √ | |
| PIC18F2221 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017* | AC164302* | | √ | |
| PIC18F2221 | 28ML | PCM18XN1 | DVA18XP280 | XLT28QFN4 | PMF18WH0 | DAF18-4 | XLT28QFN4 | | AC164322* | | √ | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|-----------|--------------------|---------|-----------|-----------------------|---------------------|-------------------|------------------------|----------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC18F2320 | 28SP | PCM18XH3** | DVA18XP280 | | PMF18WC1 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | |
| PIC18F2320 | 28SO | PCM18XH3** | DVA18XP280 | XLT28SO | PMF18WC1 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2321 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012* | AC164301* | √ * | √ | |
| PIC18F2321 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017* | AC164302* | | √ | |
| PIC18F2321 | 28ML | PCM18XN1 | DVA18XP280 | XLT28QFN4 | PMF18WH0 | DAF18-4 | XLT28QFN4 | | AC164322* | | √ | |
| PIC18F2331 | 28SP | PCM18XL0 | DVA18XP280 | | PMF18WF0 | DAF18-4 | ACICE0204 | AC164035 | AC164301 | √ * | √ | DM183011,DM183021 |
| PIC18F2331 | 28SO | PCM18XL0 | DVA18XP280 | XLT28SO | PMF18WF0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2331 | 28MM | PCM18XL0 | DVA18XP280 | XLT28QFN4 | PMF18WF0 | DAF18-4 | XLT28QFN4 | AC164035+AC164031 | AC164322 | AC164031* | √ | |
| PIC18F2410 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | |
| PIC18F2410 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2410 | 28ML | PCM18XN1 | DVA18XP280 | XLT28QFN4 | PMF18WH0 | DAF18-4 | XLT28QFN4 | AC164035+ AC164031 | AC164322 | AC164031 | √ | |
| PIC18F2420 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | |
| PIC18F2420 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2420 | 28ML | PCM18XN1 | DVA18XP280 | XLT28QFN4 | PMF18WH0 | DAF18-4 | XLT28QFN4 | AC164035+ AC164031 | AC164302 | AC164031 | √ | |
| PIC18F2431 | 28SP | PCM18XL0 | DVA18XP280 | | PMF18WF0 | DAF18-4 | ACICE0204 | AC164035 | AC164301 | √ * | √ | DM183011,DM183021 |
| PIC18F2431 | 28SO | PCM18XL0 | DVA18XP280 | XLT28SO | PMF18WF0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2431 | 28MM | PCM18XL0 | DVA18XP280 | XLT28QFN4 | PMF18WF0 | DAF18-4 | XLT28QFN4 | AC164035+AC164031 | AC164322 | AC164031 | √ | |
| PIC18F2455 | 28SP | PCM18XR1** | DVA18XP280 | | PMF18WL0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | DM163025 |
| PIC18F2455 | 28SO | PCM18XR1** | DVA18XP280 | XLT28SO | PMF18WL0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | DM163025 |
| PIC18F2480 | 28SP | PCM18XR1** | DVA18XP280 | | PMF18WJ0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ * | √ | DM163011 |
| PIC18F2480 | 28SO | PCM18XR1** | DVA18XP280 | XLT28SO | PMF18WJ0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2480 | 28MM | PCM18XP1** | DVA18XP280 | XLT28QFN4 | PMF18WJ0 | DAF18-4 | XLT28QFN4 | AC164012+ AC164031 | AC1640322 | AC164031 | √ | |
| PIC18F24J10 | 28SP | | | | | | | | AC164329 | | AC162067 | DM183022+MA180011 or MA180012 |
| PIC18F24J10 | 28SO | | | | | | | | AC164332 | | AC162067 +XLT28SO | DM183022+MA180011 or MA180012 |
| PIC18F24J10 | 28SS | | | | | | | | AC164331 | | AC16206 +XLT28SS | DM183022+MA180011 or MA180012 |
| PIC18F24J10 | 28ML | | | | | | | | TBD | | AC162067 +XLT28QFN4 | DM183022+MA180011 or MA180012 |
| PIC18F2510 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ * | √ | DM163022 |
| PIC18F2510 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2510 | 28ML | PCM18XN1 | DVA18XP280 | XLT28QFN4 | PMF18WH0 | DAF18-4 | XLT28QFN4 | AC164012+ AC164031 | AC1640322 | AC164031 | √ | |
| PIC18F2515 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | |
| PIC18F2515 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|-----------|--------------------|---------|-----------|-----------------------|---------------------|-------------------|------------------------|----------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC18F2520 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC18F2520 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2520 | 28ML | PCM18XN1 | DVA18XP280 | XLT28QFN4 | PMF18WH0 | DAF18-4 | XLT28QFN4 | AC164012+ AC164031 | AC1640322 | AC164031 | √ | |
| PIC18F2525 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | |
| PIC18F2525 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2550 | 28SP | PCM18XR1** | DVA18XP280 | | PMF18WL0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √* | √ | DM163025 |
| PIC18F2550 | 28SO | PCM18XR1** | DVA18XP280 | XLT28SO | PMF18WL0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | DM163025 |
| PIC18F2580 | 28SP | PCM18XP1** | DVA18XP280 | | PMF18WJ0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | DM163011 |
| PIC18F2580 | 28SO | PCM18XP1** | DVA18XP280 | XLT28SO | PMF18WJ0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2580 | 28MM | PCM18XP1** | DVA18XP280 | XLT28QFN4 | PMF18WJ0 | DAF18-4 | XLT28QFN4 | AC164012+AC164031 | AC164322 | AC164031 | √ | |
| PIC18F2585 | 28SP | PCM18XP1** | DVA18XP280 | | PMF18WJ0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | DM163011 |
| PIC18F2585 | 28SO | PCM18XP1** | DVA18XP280 | XLT28SO | PMF18WJ0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F25J10 | 28SP | | | | | | | | AC164329 | | AC162067 | DM183022+MA180011 or MA180012 |
| PIC18F25J10 | 28SO | | | | | | | | AC164332 | | AC162067 +XLT28SO | DM183022+MA180011 or MA180012 |
| PIC18F25J10 | 28SS | | | | | | | | AC164331 | | AC16206 +XLT28SS | DM183022+MA180011 or MA180012 |
| PIC18F25J10 | 28ML | | | | | | | | TBD | | AC162067 +XLT28QFN4 | DM183022+MA180011 or MA180012 |
| PIC18F2610 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | |
| PIC18F2610 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2620 | 28SP | PCM18XN1 | DVA18XP280 | | PMF18WH0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | |
| PIC18F2620 | 28SO | PCM18XN1 | DVA18XP280 | XLT28SO | PMF18WH0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2680 | 28SP | PCM18XP1** | DVA18XP280 | | PMF18WJ0 | DAF18-4 | ACICE0204 | AC164012 | AC164301 | √ | √ | DM163011 |
| PIC18F2680 | 28SO | PCM18XP1** | DVA18XP280 | XLT28SO | PMF18WJ0 | DAF18-4 | XLT28SO | AC164017 | AC164302 | | √ | |
| PIC18F2682 | 28SP | PCM18XT0** | DVA18XP280 | | | | | | AC164301* | | √ | |
| PIC18F2682 | 28SO | PCM18XT0** | DVA18XP280 | | | | | | AC164302* | | √ | |
| PIC18F2682 | 28P | PCM18XT0 | DVA18XP280 | | | | | | AC164301* | | √* | |
| PIC18F2685 | 28SP | PCM18XT0** | DVA18XP280 | | | | | | AC164301* | | √* | |
| PIC18F2685 | 28SO | PCM18XT0** | DVA18XP280 | XLT28SO | | | | | AC164302* | | √* | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|---------------------|--------------------|---------|---------------------|-----------------------|---------------------|-------------------|-------------|----------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC18F4220 | 40P | PCM18XH3** | DVA18XP400 | | PMF18WC1 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | |
| PIC18F4220 | 44ML | PCM18XH3** | DVA18XP400 | XLT44QFN2 | PMF18WC1 | DAF18-4 | XLT44QFN2 | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4220 | 44PT | PCM18XH3** | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WC1 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4221 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0* | DAF18-4 | ACICE0206 | AC164012* | AC164301* | √ * | √ | |
| PIC18F4221 | 44PT | PCM18XN1 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WH0* | DAF18-5 | XLT44PT or XLT44PT3 | AC164020* | AC164305* | | √ | |
| PIC18F4221 | 44ML | PCM18XN1 | DVA18XP400 | XLT44QFN2 | PMF18WH0* | DAF18-4 | XLT44QFN2 | | AC164322* | | √ | |
| PIC18F4320 | 40P | PCM18XH3** | DVA18XP400 | | PMF18WC1 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | |
| PIC18F4320 | 44ML | PCM18XH3** | DVA18XP400 | XLT44QFN2 | PMF18WC1 | DAF18-4 | XLT44QFN2 | AC164012+ AC164034 | AC1643022 | AC164034 | √ | |
| PIC18F4320 | 44PT | PCM18XH3** | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WC1 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4321 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0 | DAF18-4 | ACICE0206 | AC164012* | AC164301* | √ * | √ | |
| PIC18F4321 | 44PT | PCM18XN1 | DVA18XP400 | XLT44PT or XLT44PT3 | PMF18WH0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020* | AC164305* | | √ | |
| PIC18F4321 | 44ML | PCM18XN1 | DVA18PQ440 | XLT44QFN2 | PMF18WH0 | DAF18-4 | XLT44QFN2 | | AC164322* | | √ | |
| PIC18F4331 | 40P | PCM18XL0 | DVA18XP400 | | PMF18WF0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM183011 |
| PIC18F4331 | 44PT | PCM18XL0 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WF0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4331 | 44ML | PCM18XL0 | DVA18XP400 | XLT44QFN2 | PMF18WF0 | DAF18-4 | XLT44QFN2 | AC164012 +AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4410 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | |
| PIC18F4410 | 44PT | PCM18XN1 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WH0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4410 | 44ML | PCM18XN1 | DVA18XP400 | XLT44QFN2 | PMF18WH0 | DAF18-4 | XLT44QFN2 | AC164012 +AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4420 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | |
| PIC18F4420 | 44PT | PCM18XN1 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WH0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4420 | 44ML | PCM18XN1 | DVA18XP400 | XLT44QFN2 | PMF18WH0 | DAF18-4 | XLT44QFN2 | AC164012 +AC164034 | AC164322 | AC164034 | √ | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|------------------------|--------------------|---------|------------------------|-----------------------|---------------------|-------------------|------------------------|----------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC18F4431 | 40P | PCM18XL0 | DVA18XP400 | | PMF18WF0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM183011 |
| PIC18F4431 | 44PT | PCM18XL0 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WF0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4431 | 44ML | PCM18XL0 | DVA18XP400 | XLT44QFN2 | PMF18WF0 | DAF18-4 | XLT44QFN 2 | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4455 | 40P | PCM18XR1** | DVA18XP400 | | PMF18WL0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM163025 |
| PIC18F4455 | 44ML | PCM18XR1** | DVA18PQ440 | XLT44QFN2 | PMF18WL0 | DAF18-4 | XLT44QFN 2 | AC164012 +AC164034 | AC164322 | AC164034 | √ | DM163025 |
| PIC18F4455 | 44PT | PCM18XR1** | DVA18XP400 | XLT44PT or XLT44PT3 | PMF18WL0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | DM163025 |
| PIC18F4480 | 40P | PCM18XP1** | DVA18XP400 | | PMF18WJ0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ * | √ | DM163011 |
| PIC18F4480 | 44PT | PCM18XP1** | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WJ0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4480 | 44ML | PCM18XP1** | DVA18XP400 | XLT44QFN2 | PMF18WJ0 | DAF18-4 | XLT44QFN 2 | AC164012+AC164034 | AC164322 | AC164034 | √ | |
| PIC18F44J10 | 40P | | | | | | | | AC164329 | | AC162067 | DM183022+MA180011 or MA180012 |
| PIC18F44J10 | 44PT | | | | | | | | AC164330 | | AC162074 | DM183022+MA180011 or MA180012 |
| PIC18F44J10 | 44ML | | | | | | | | TBD | | AC162067 +XLT44QFN2 | DM183022+MA180011 or MA180012 |
| PIC18F4510 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC18F4510 | 44PT | PCM18XN1 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WH0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4510 | 44ML | PCM18XN1 | DVA18XP400 | XLT44QFN2 | PMF18WH0 | DAF18-4 | XLT44QFN 2 | AC164012 +AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4515 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | |
| PIC18F4515 | 44PT | PCM18XN1 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WH0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4515 | 44ML | PCM18XN1 | DVA18XP400 | XLT44QFN2 | PMF18WH0 | DAF18-4 | XLT44QFN 2 | AC164012 +AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4520 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC18F4520 | 44PT | PCM18XN1 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WH0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4520 | 44ML | PCM18XN1 | DVA18XP400 | XLT44QFN2 | PMF18WH0 | DAF18-4 | XLT44QFN 2 | AC164012 +AC164034 | AC164322 | AC164034 | √ | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|------------------------|--------------------|---------|------------------------|-----------------------|---------------------|-------------------|------------------------|----------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC18F4525 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | |
| PIC18F4525 | 44PT | PCM18XN1 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WH0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4525 | 44ML | PCM18XN1 | DVA18XP400 | XLT44QFN2 | PMF18WH0 | DAF18-4 | XLT44QFN 2 | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4550 | 40P | PCM18XR1** | DVA18XP400 | | PMF18WL0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM163025 |
| PIC18F4550 | 44ML | PCM18XR1** | DVA18XP400 | XLT44QFN2 | PMF18WL0 | DAF18-4 | XLT44QFN 2 | AC164012+ AC164034 | AC164322 | AC164034* | √ | DM163025 |
| PIC18F4550 | 44PT | PCM18XR1** | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WL0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | DM163025 |
| PIC18F4580 | 40P | PCM18XP1** | DVA18XP400 | | PMF18WJ0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM163011 |
| PIC18F4580 | 44PT | PCM18XP1** | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WJ0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4580 | 44ML | PCM18XP1** | DVA18XP400 | XLT44QFN2 | PMF18WJ0 | DAF18-4 | XLT44QFN 2 | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4585 | 40P | PCM18XP1** | DVA18XP400 | | PMF18WJ0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM163011 |
| PIC18F4585 | 44PT | PCM18XP1** | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WJ0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4585 | 44ML | PCM18XP1** | DVA18XP400 | XLT44QFN2 | PMF18WJ0 | DAF18-4 | XLT44QFN 2 | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC18F45J10 | 40P | | | | | | | | AC164329 | | AC162067 | DM183022+MA180011 or MA180012 |
| PIC18F45J10 | 44PT | | | | | | | | AC164330 | | AC162074 | DM183022+MA180011 or MA180012 |
| PIC18F45J10 | 44ML | | | | | | | | TBD | | AC162067 +XLT44QFN2 | DM183022+MA180011 or MA180012 |
| PIC18F4610 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM163022 |
| PIC18F4610 | 44PT | PCM18XN1 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WH0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4610 | 44ML | PCM18XN1 | DVA18XP400 | XLT44QFN2 | PMF18WH0 | DAF18-4 | XLT44QFN 2 | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4620 | 40P | PCM18XN1 | DVA18XP400 | | PMF18WH0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM163026,DM163022 |
| PIC18F4620 | 44PT | PCM18XN1 | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WH0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4620 | 44ML | PCM18XN1 | DVA18XP400 | XLT44QFN2 | PMF18WH0 | DAF18-4 | XLT44QFN 2 | AC164012+ AC164034 | AC164322 | AC164034 | √ | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|-------------------------|--------------------|---------|----------------------------|-----------------------|---------------------|-------------------|-------------|-------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC18F4680 | 40P | PCM18XP1** | DVA18XP400 | | PMF18WJ0 | DAF18-4 | ACICE0206 | AC164012 | AC164301 | √ | √ | DM163011 |
| PIC18F4680 | 44PT | PCM18XP1** | DVA18PQ440 | XLT44PT or XLT44PT3 | PMF18WJ0 | DAF18-5 | XLT44PT or XLT44PT3 | AC164020 | AC164305 | | √ | |
| PIC18F4680 | 44ML | PCM18XP1** | DVA18XP400 | XLT44QFN2 | PMF18WJ0 | DAF18-4 | XLT44QFN 2 | AC164012+ AC164034 | AC164322 | AC164034 | √ | |
| PIC18F4682 | 40P | PCM18XT0** | | | | | | | AC164301* | | √* | |
| PIC18F4682 | 44PT | PCM18XT0** | | | | | | | AC164305* | | √* | |
| PIC18F4682 | 44ML | PCM18XT0** | | | | | | | AC164322* | | √* | |
| PIC18F4685 | 40P | PCM18XT0** | | | | | | | AC164301* | | √* | |
| PIC18F4685 | 44PT | PCM18XT0** | | | | | | | AC164305* | | √* | |
| PIC18F4685 | 44ML | PCM18XT0** | | | | | | | AC164322* | | √* | |
| PIC18F6310 | 64PT | PCM18XQ1** | DVA1003 | XLT64PT2 or XLT64PT5 | PMF18WK0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | |
| PIC18F6390 | 64PT | PCM18XQ1** | DVA1003 | XLT64PT2 or XLT64PT5 | PMF18WK0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | DM163028 |
| PIC18F6410 | 64PT | PCM18XQ1** | DVA1003 | XLT64PT2 or XLT64PT5 | PMF18WK0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | |
| PIC18F6490 | 64PT | PCM18XQ1** | DVA1003 | XLT64PT2 or XLT64PT5 | PMF18WK0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | DM163028 |
| PIC18F6520 | 64PT | PCM18XE1 | DVA18PQ640 | XLT64PT2 or XLT64PT5 | PMF18WA2 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | DM183022 |
| PIC18F6527 | 64PT | PCM18XS1* | DVA1003 | XLT64PT2 or XLT64PT5 | PMF18WS0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √* | |
| PIC18F6585 | 68L | PCM18XK0 | DVA18PQ802 | XLT68L1 | PMF18WE0 | DAF18-6 | XLT68L1 | AC174007 | AC164308 | | √ | |
| PIC18F6585 | 64PT | PCM18XK0 | DVA18PQ802 | XLT64PT2 or XLT64PT5 | PMF18WE0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | DM163015 |
| PIC18F65J10 | 64PT | | | | | | | | AC164327 | | AC162062 | DM183022+MA180015 |
| PIC18F65J15 | 64PT | | | | | | | | AC164327 | | AC162062 | DM183022+MA180015 |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|----------|--------------------|------------|-------------------------|--------------------|---------|----------------------------|-----------------------|---------------------|-------------------|-------------|-------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC18F6622 | 64PT | PCM18XS1* | DVA1003 | XLT64PT2 or XLT64PT5 | PMF18WS0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | |
| PIC18F6627 | 64PT | PCM18XS1* | DVA1003 | XLT64PT2 or XLT64PT5 | PMF18WS0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | DM183022 |
| PIC18F6680 | 68L | PCM18XK0 | DVA18PQ802 | XLT68L1 | PMF18WE0 | DAF18-6 | XLT68L1 | AC174007 | AC164308 | | √ | |
| PIC18F6680 | 64PT | PCM18XK0 | DVA18PQ802 | XLT64PT2 or XLT64PT5 | PMF18WE0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | DM163015 |
| PIC18F66J10 | 64PT | | | | | | | | AC164327 | | AC162062 | DM183022+MA180015 |
| PIC18F66J15 | 64PT | | | | | | | | AC164327 | | AC162062 | DM183022+MA180015 |
| PIC18F66J60 | 64PT | | | | | | | | AC164327* | | AC162064** | |
| PIC18F66J65 | 64PT | | | | | | | | AC164327* | | AC162064** | |
| PIC18F6722 | 64PT | PCM18XS1* | DVA1003 | XLT64PT2 or XLT64PT5 | PMF18WS0 | DAF18-6 | XLT64PT2 or XLT64PT5 | AC174008 | AC164319 | | √ | DM183022 |
| PIC18F67J10 | 64PT | | | | | | | | AC164327 | | AC162062 | DM183022+MA180015 |
| PIC18F67J60 | 64PT | | | | | | | | AC164327* | | AC162064** | |
| PIC18F8310 | 80PT | PCM18XQ1** | DVA1003 | XLT80PT or XLT80PT3 | PMF18WK0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √ | |
| PIC18F8390 | 80PT | PCM18XQ1** | DVA1003 | XLT80PT or XLT80PT3 | PMF18WK0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √ | DM183028 |
| PIC18F8410 | 80PT | PCM18XQ1** | DVA1003 | XLT80PT or XLT80PT3 | PMF18WK0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √ | |
| PIC18F8490 | 80PT | PCM18XQ1** | DVA1003 | XLT80PT or XLT80PT3 | PMF18WK0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √ | DM183028 |
| PIC18F8520 | 80PT | PCM18XE1 | DVA18PQ800 | XLT80PT or XLT80PT3 | PMF18WA2 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √ | DM183022 |
| PIC18F8527 | 80PT | PCM18XS1* | DVA1003 | XLT80PT or XLT80PT3 | PMF18WS0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √ | |
| PIC18F8585 | 80PT | PCM18XK0 | DVA18PQ802 | XLT80PT or XLT80PT3 | PMF18WE0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √ | DM163015 |
| PIC18F85J10 | 80PT | | | | | | | | AC164328 | | AC162062 | DM183022+MA180015 |
| PIC18F85J15 | 80PT | | | | | | | | AC164328 | | AC162062 | DM183022+MA180015 |
| PIC18F8622 | 80PT | PCM18XS1* | DVA1003 | XLT80PT or XLT80PT3 | PMF18WS0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √* | |

| 型 号 | 管脚数/ 封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|--------------|--------------------|------------|------------------------|--------------------|---------|------------------------|-----------------------|---------------------|-------------------|-------------|--------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC18F8627 | 80PT | PCM18XS0 | DVA1003 | XLT80PT or XLT80PT3 | PMF18WS0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164304 | | √ | DM183022 |
| PIC18F8680 | 80PT | PCM18XK0 | DVA18PQ802 | XLT80PT or XLT80PT3 | PMF18WE0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √ | DM183015 |
| PIC18F86J10 | 80PT | | | | | | | | AC164328 | | AC162062 | DM183022+MA180015 |
| PIC18F86J15 | 80PT | | | | | | | | AC164328** | | AC162062** | DM183022+MA180015 |
| PIC18F86J60 | 80PT | | | | | | | | AC164328* | | AC162064** | |
| PIC18F86J65 | 80PT | | | | | | | | AC164328* | | AC162064** | |
| PIC18F8722 | 80PT | PCM18XS1* | DVA1003 | XLT80PT or XLT80PT3 | PMF18WS0 | DAF18-6 | XLT80PT or XLT80PT3 | AC174011 | AC164320 | | √ | DM183022 |
| PIC18F87J10 | 80PT | | | | | | | | AC164328 | | AC162062 | DM183022+MA180015 |
| PIC18F87J60 | 80PT | | | | | | | | AC164328* | | AC162064** | |
| PIC18F96J60 | 100PT | | | | | | | | AC164323* | | AC162064** | |
| PIC18F96J65 | 100PT | | | | | | | | AC164323* | | AC162064** | |
| PIC18F97J60 | 100PT | | | | | | | | AC164323** | | AC162064** | |
| PIC24F64GA006 | 64PT | | | | | | | | AC164327 | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F64GA008 | 80PT | | | | | | | | AC164328 | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F64GA010 | 100PT | | | | | | | | AC164333** | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F64GA010 | 100PF | | | | | | | | AC164323 | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F96GA006 | 64PT | | | | | | | | AC164327 | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F96GA008 | 80PT | | | | | | | | AC164328 | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F96GA010 | 100PF | | | | | | | | AC164323 | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F96GA010 | 100PT | | | | | | | | AC164333** | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F128GA006 | 64PT | | | | | | | | AC164327 | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F128GA008 | 80PT | | | | | | | | AC164328 | | AC162065** | DM240001,DV164033, MA240011 |

| 型 号 | 管脚数/ 封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|--------------|--------------------|-------|-----|--------------------|-------|-----|-----------------------|---------------------|-------------------|-------------|--|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC24F128GA010 | 100PF | | | | | | | | AC164323 | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24F128GA010 | 100PT | | | | | | | | AC164333** | | AC162065** | DM240001,DV164033, MA240011 |
| PIC24HJ128GP206 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ128GP210 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ128GP210 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ128GP306 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ128GP310 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ28GP310 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ128GP506 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ128GP510 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ128GP510 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ12GP201 | 18P | | | | | | | | TBD | | √* | |
| PIC24HJ12GP201 | 18SO | | | | | | | | TBD | | √* | |
| PIC24HJ12GP202 | 28P | | | | | | | | TBD | | √* | |
| PIC24HJ12GP202 | 28SO | | | | | | | | TBD | | √* | |
| PIC24HJ12GP202 | 28ML | | | | | | | | TBD | | √* | |

| 型 号 | 管脚数/ 封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-------------------------------|--------------|--------------------|------------|---------|--------------------|-------|-----|-----------------------|---------------------|-------------------|-------------|--|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| PICmicro®微控制器开发工具 (continued) | | | | | | | | | | | | |
| PIC24HJ256GP206 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ256GP210 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ256GP210 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ256GP610 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ256GP610 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ64GP206 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ64GP210 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ64GP210 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ64GP506 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ64GP510 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| PIC24HJ64GP510 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DM30019, DV164033,MA240012 DM300024 |
| rPIC®微控制器开发工具 | | | | | | | | | | | | |
| rPIC12C509AF | 20JW | PCM16XA0 | DVA12XP080 | | | | | AC124001 | AC164301 | √ | | |
| rPIC12C509AF | 20SS | PCM16XA0 | DVA12XP080 | XLT20SS | | | | AC124002 | AC164307 | √ | | |
| rPIC12C509AG | 18JW | PCM16XA0 | DVA12XP080 | | | | | AC124001 | AC164301 | √ | | |
| rPIC12C509AG | 18SS | PCM16XA0 | DVA12XP080 | XLT20SO | | | | AC124002 | AC164302 | √ | | |

| 型 号 | 管脚数/ 封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|----------------------------|--------------|--------------------|------------|---------|--------------------|---------|---------------|-----------------------|---------------------|-------------------|-------------|---------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| rfPIC®微控制器开发工具 (continued) | | | | | | | | | | | | |
| rfPIC12F675F | 20SS | PCM12XB0 | DVA12XP081 | XLT20SS | | | | AC124002 | AC164307 | √ * | | DV164102, AC164101,AC164103 |
| rfPIC12F675H | 20SS | PCM12XB0 | DVA12XP081 | XLT20SS | | | | AC124002 | AC164307 | √ * | | |
| rfPIC12F675K | 20SS | PCM12XB0 | DVA12XP081 | XLT20SS | | | | AC124002 | AC164307 | √ * | | DV164102, AC164102, AC164104 |
| rfRXD0420 | 32LQ | | | | | | | | | | | DV164102 |
| rfRXD0920 | 32LQ | | | | | | | | | | | |
| dsPIC®微控制器开发工具 | | | | | | | | | | | | |
| dsPIC30F1010 | 28MM | | | | | | | | | | √ * | DM300023** |
| dsPIC30F1010 | 28SP | | | | | | | | | | √ * | ,DM300023** |
| dsPIC30F1010 | 28SO | | | | | | | | | | √ * | DM300023**,DM300017 |
| dsPIC30F2010 | 28SO | | | | PMF30XA1 | DAF30-4 | XLT28SO | AC30F004 | AC164302 | | √ | DM300017 |
| dsPIC30F2010 | 28SP | | | | PMF30XA1 | DAF30-4 | ACICE0204 | AC30F004 | AC164301 | | √ | DM300017,DM300018, DM183021 |
| dsPIC30F2010 | 28MM | | | | PMF30XA1 | DAF30-4 | XLT28QFN 4 | | AC164322 | | √ | |
| dsPIC30F2011 | 18SO | | | | PMF30XA1 | DAF30-4 | XLT18SO | AC30F005 | AC164302 | | √ | |
| dsPIC30F2011 | 18P | | | | PMF30XA1 | DAF30-4 | ACICE0202 | AC30F005 | AC164301 | | √ | DM300018 |
| dsPIC30F2011 | 28ML | | | | PMF30XA1 | DAF30-4 | | | AC164322 | | √ | |
| dsPIC30F2012 | 28SO | | | | PMF30XA1 | DAF30-4 | XLT28SO | AC30F004 | AC164302 | | √ | DM300017 |
| dsPIC30F2012 | 28SP | | | | PMF30XA1 | DAF30-4 | ACICE0204 | AC30F004 | AC164301 | | √ | DM300017,DM300018 |
| dsPIC30F2012 | 28ML | | | | PMF30XA1 | DAF30-4 | XLT28QFN 4 | | AC164322 | | √ | |
| dsPIC30F2020 | 28SP | | | | | | | | | | √ * | DM300023** |
| dsPIC30F2020 | 28SO | | | | | | | | | | √ * | ,DM300023** |
| dsPIC30F2020 | 28MM | | | | | | | | | | √ * | DM300023**,DM300017 |
| dsPIC30F2023 | 44ML | | | | | | | | | | √ * | |
| dsPIC30F2023 | 44PT | | | | | | | | | | √ * | |
| dsPIC30F3010 | 28SO | | | | PMF30XA1 | DAF30-4 | XLT28SO | AC30F004 | AC164302 | | √ | DM300017 |
| dsPIC30F3010 | 28SP | | | | PMF30XA1 | DAF30-4 | ACICE0204 | AC30F004 | AC164301 | | √ | DM300017,DM300018, DM183021 |
| dsPIC30F3010 | 44ML | | | | PMF30XA1 | DAF30-4 | XLT44QFN 4 | | AC164322 | | √ | |

| 型 号 | 管脚数/封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 展转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|---------------------------|----------|--------------------|-------|-----|--------------------|---------|----------------------------|-----------------------|----------------------|-------------------|-------------|-------------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| dsPIC®微控制器开发工具(continued) | | | | | | | | | | | | |
| dsPIC30F3011 | 40P | | | | PMF30XA1 | DAF30-4 | ACICE0206 | AC30F003 | AC164301 | | √ | DM30018 |
| dsPIC30F3011 | 44PT | | | | PMF30XA1 | DAF30-3 | XLT44PT or XLT44PT3 | AC30F006 | AC164305 | | √ | |
| dsPIC30F3011 | 44ML | | | | PMF30XA1 | DAF30-4 | XLT44QFN 2 | | AC164322 | | √ | |
| dsPIC30F3012 | 18SO | | | | PMF30XA1 | DAF30-4 | XLT18SO | | AC164302 | | √ | |
| dsPIC30F3012 | 18P | | | | PMF30XA1 | DAF30-4 | ACICE0202 | | AC164301 | | √ | DM30018 |
| dsPIC30F3012 | 28ML | | | | PMF30XA1 | DAF30-4 | XLT28QFN 4 | | AC164322 | | √ | |
| dsPIC30F3013 | 28SO | | | | PMF30XA1 | DAF30-4 | XLT28SO | AC30F004 | AC164302 | | √ | DM30017 |
| dsPIC30F3013 | 28SP | | | | PMF30XA1 | DAF30-4 | ACICE0204 | AC30F004 | AC164301 | | √ | DM30017,DM30018 |
| dsPIC30F3013 | 44ML | | | | PMF30XA1 | DAF30-4 | XLT44QFN 3* | | AC164322 | | √ | |
| dsPIC30F3014 | 40P | | | | PMF30XA1 | DAF30-4 | ACICE0206 | AC30F003 | AC164301 | | √ | DM30018 |
| dsPIC30F3014 | 44PT | | | | PMF30XA1 | DAF30-3 | XLT44PT or XLT44PT3 | AC30F006 | AC164305 | | √ | |
| dsPIC30F3014 | 44ML | | | | PMF30XA1 | DAF30-4 | XLT44QFN 2 | | AC164322 | | √ | |
| dsPIC30F4011 | 40P | | | | PMF30XA1 | DAF30-4 | ACICE0206 | AC30F003 | AC164301 | | √ | DM30018 |
| dsPIC30F4011 | 44PT | | | | PMF30XA1 | DAF30-3 | XLT44PT or XLT44PT3 | AC30F006 | AC164305 | | √ | |
| dsPIC30F4011 | 44ML | | | | PMF30XA1 | DAF30-4 | XLT44QFN 2 | | AC164322 | | √ | |
| dsPIC30F4012 | 28SO | | | | PMF30XA1 | DAF30-4 | XLT28SO | AC30F004 | AC164302 | | √ | DM30017 |
| dsPIC30F4012 | 28SP | | | | PMF30XA1 | DAF30-4 | ACICE0204 | AC30F004 | AC164301 | | √ | DM30017,DM30018, DM183021 |
| dsPIC30F4012 | 44ML | | | | PMF30XA1 | DAF30-4 | XLT44QFN 4 | | AC164322 | | √ | |
| dsPIC30F4013 | 40P | | | | PMF30XA1 | DAF30-4 | ACICE0206 | AC30F003 | AC164301 | | √ | DM30018 |
| dsPIC30F4013 | 44PT | | | | PMF30XA1 | DAF30-3 | XLT44PT or XLT44PT3 | AC30F006 | AC164305 | | √ | |
| dsPIC30F4013 | 44ML | | | | PMF30XA1 | DAF30-4 | XLT44QFN 2 | | AC164322 | | √ | |
| dsPIC30F5011 | 64PT | | | | PMF30XA1 | DAF30-2 | XLT64PT2 or XLT64PT5 | AC30F008 | AC164319 | | √ | |
| dsPIC30F5013 | 80PT | | | | PMF30XA1 | DAF30-2 | XLT80PT or XLT80PT3 | AC30F007 | AC164320 | | √ | DM300014, DM300004-1, DM300004-2 |

| 型 号 | 管脚数/ 封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 展转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|---------------------------|--------------|--------------------|-------|-----|--------------------|---------|----------------------------|-----------------------|----------------------|-------------------|-------------|--|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| dsPIC®微控制器开发工具(continued) | | | | | | | | | | | | |
| dsPIC30F5015 | 64PT | | | | PMF30XA1 | DAF30-2 | XLT64PT2 or XLT64PT5 | AC30F008 | AC164319 | | √ | |
| dsPIC30F5016 | 80PT | | | | | | | AC30F007 | AC164320 | | √ | |
| dsPIC30F6010A | 80PF | | | | PMF30XA1 | DAF30-2 | XLT80PT2 | AC30F001 | AC164314 | | √ | DM300020 |
| dsPIC30F6010A | 80PT | | | | PMF30XA1 | DAF30-2 | XLT80PT or XLT80PT3 | AC30F007 | AC164320 | | √ | DM300020,DM300019, MA300015 |
| dsPIC30F6011A | 64PF | | | | PMF30XA1 | DAF30-2 | XLT64PT3 or XLT64PT4 | AC30F002 | AC164313 | | √ | |
| dsPIC30F6011A | 64PT | | | | PMF30XA1 | DAF30-2 | XLT64PT2 or XLT64PT5 | AC30F008 | AC164319 | | √ | |
| dsPIC30F6012A | 64PF | | | | PMF30XA1 | DAF30-2 | XLT64PT3 or XLT64PT4 | AC30F002 | AC164313 | | √ | |
| dsPIC30F6012A | 64PT | | | | PMF30XA1 | DAF30-2 | XLT64PT2 or XLT64PT5 | AC30F008 | AC164319 | | √ | |
| dsPIC30F6013A | 80PF | | | | PMF30XA1 | DAF30-2 | XLT80PT2 | AC30F001 | AC164314 | | √ | |
| dsPIC30F6013A | 80PT | | | | PMF30XA1 | DAF30-2 | XLT80PT or XLT80PT3 | AC30F007 | AC164320 | | √ | DM300014 |
| dsPIC30F6014A | 80PF | | | | PMF30XA1 | DAF30-2 | XLT80PT2 | AC30F001 | AC164314 | | √ | DM300019,MA300014 |
| dsPIC30F6014A | 80PT | | | | PMF30XA1 | DAF30-2 | XLT80PT or XLT80PT3 | AC30F007 | AC164320 | | √ | DM300024, DM300004-1,DM300004-2 |
| dsPIC30F6015 | 64PF | | | | | | | AC30F008 | AC164319 | | √ | |
| dsPIC33FJ12GP201 | 18P | | | | | | | | TBD | | √* | |
| dsPIC33FJ12GP201 | 18SO | | | | | | | | TBD | | √* | |
| dsPIC33FJ12GP202 | 28P | | | | | | | | TBD | | √* | |
| dsPIC33FJ12GP202 | 28SO | | | | | | | | TBD | | √* | |
| dsPIC33FJ12GP202 | 28ML | | | | | | | | TBD | | √* | |
| dsPIC33FJ12MC202 | 28P | | | | | | | | TBD | | √* | |
| dsPIC33FJ12MC202 | 28SO | | | | | | | | TBD | | √* | |
| dsPIC33FJ12MC202 | 28ML | | | | | | | | TBD | | √* | |
| dsPIC33FJ64GP206 | 64PF | | | | | | | | AC164327 | | √ | DM240001,DM300019, DV164033,MA330011 MA330012,DM300024 |

| 型 号 | 管脚数/ 封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 展转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|---------------------------|--------------|--------------------|-------|-----|--------------------|-------|-----|-----------------------|----------------------|-------------------|-------------|--|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| dsPIC®微控制器开发工具(continued) | | | | | | | | | | | | |
| dsPIC33FJ64GP306 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM300019, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ64GP310 | 100PF | | | | | | | | AC164323 | | √ | DM240001, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ64GP310 | 100PT | | | | | | | | AC164333** | | √ | DM240001, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ64GP706 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM300019, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ64GP708 | 80PT | | | | | | | | AC164328 | | √ | DM240001,DM300019, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ64GP710 | 100PT | | | | | | | | AC164333** | | √* | DM240001, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ64GP710 | 100PF | | | | | | | | AC164323 | | √* | DM240001, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ128GP206 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM300019, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ128GP306 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM300019, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ128GP310 | 100PF | | | | | | | | AC164323 | | √ | DM240001, , DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ128GP310 | 100PT | | | | | | | | AC164333** | | √ | DM240001, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ128GP706 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM300019, DV164033,MA330011 MA330012,DM300024 |

| 型 号 | 管脚数/ 封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 展转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|---------------------------|--------------|--------------------|-------|-----|--------------------|-------|-----|-----------------------|----------------------|-------------------|-------------|--|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| dsPIC®微控制器开发工具(continued) | | | | | | | | | | | | |
| dsPIC33FJ128GP708 | 80PT | | | | | | | | AC164328 | | √ | DM240001,DM300019, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ128GP710 | 100PF | | | | | | | | AC164323 | | √ | DM240001, , DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ128GP710 | 100PT | | | | | | | | AC164333** | | √ | DM240001, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ256GP506 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DM300019, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ256GP510 | 100PF | | | | | | | | AC164323 | | √ | DM240001, , DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ256GP510 | 100PT | | | | | | | | AC164333** | | √ | DM240001, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ256GP710 | 100PF | | | | | | | | AC164323 | | √ * | DM240001, , DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ256GP710 | 100PT | | | | | | | | AC164333** | | √ * | DM240001, DV164033,MA330011 MA330012,DM300024 |
| dsPIC33FJ64MC506 | 64PT | | | | | | | | AC164327 | | √ | DM240001 |
| dsPIC33FJ64MC508 | 80PT | | | | | | | | AC164328 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ64MC510 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ64MC510 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ64MC706 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ64MC710 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ64MC710 | 100PT | | | | | | | | AC164333 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ128MC506 | 64PT | | | | | | | | AC164327 | | √ | |

| 型 号 | 管脚数/ 封装类型 | MPLAB® ICE 2000 系统 | | | MPLAB® ICE 4000 系统 | | | PRO MATE® II 转换座模块 | MPLAB® PM3 展转换座模块 | PICSTART® PLUS | MPLAB® ICD2 | 演示板或评估套件 |
|-----------------------|--------------|--------------------|-------|-----|--------------------|-------|-----|-----------------------|----------------------|-------------------|-------------|--------------------------------|
| | | 处理器模块 | 器件适配器 | 转换座 | 处理器模块 | 器件适配器 | 转换座 | | | | | |
| dsPIC®微控制器开发工具(cont.) | | | | | | | | | | | | |
| dsPIC33FJ128MC510 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ128MC510 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ128MC706 | 64PT | | | | | | | | AC164327 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ128MC708 | 80PT | | | | | | | | AC164328 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ128MC710 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ128MC710 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ256MC510 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ256MC510 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ256MC710 | 100PF | | | | | | | | AC164323 | | √ | DM240001,DV164033, MA330013 |
| dsPIC33FJ256MC710 | 100PT | | | | | | | | AC164333** | | √ | DM240001,DV164033, MA330013 |

* 代表是新产品，将来会随着软件的升级而支持

**代表是新/未来产品，将来会随着软件的升级而支持

√ 基本配置支持。

演示板和评估套件

| 型 号 | 描 述 |
|-----------------------|---|
| PICmicro® 演示套件 | |
| DM163014 | PICDEM™ 4 演示板 PIC12F629, 675, PIC16F630, 676, 684, 627A, 628A, 648A, 818, 819, 87, 88, PIC18F1220, 1320 |
| DM163022 | PICDEM™ 2 Plus 演示板 PIC16C62, 63, 64, 65, 66, 67, 72, 73, 74, 76, 77, 87X, 773, 774 和 PIC18CXX2, 642, 662, 和 PIC18FXXX |
| DM163026 | 低功耗方案演示板 |
| DM163028 | PICDEM™ LCD 演示板 64L/80L PIC18FXX90 和 28L/40L PIC16F91X 系列 |
| DM163029 | PICDEM™机电一体化演示工具包 |
| DM164120-1 | PICkit™ 2 低引脚 DEMO 板 |
| DM164120-2 | PICkit™2 44-Pin DEMO 板- |
| DM164120-3** | PICkit™ 2 28-Pin DEMO 板- |
| DV164101 | PICkit™ 18/14 Pin PIC12F629, 675 和 PIC16F630, 676 Flash 开发套件 |
| DV164102 | rfPIC®开发套件 1 |
| DV164120 | PICkit™ 2 启动套件 1 |
| DV164121 | PICkit™ 2 调试专用 |
| DV164122** | PICkit™ 串口分析器 |
| PG164120 | PICkit™ 2 微控制器编程器 |
| AC164101 | rfPIC® 发射模块 (433.92 MHz) |
| AC164102 | rfPIC® 发射模块 (315 MHz) |
| AC164103 | rfRXD 接收模块 (433.92 MHz) |
| AC164104 | rfRXD 接收模块 (315 MHz) |
| AC164120 | 信号分析 PICtail™子板 |
| AC164121 | 以太网 PICtail™子板 |
| AC164122 | 针对 SD 和 MMC 卡 PICtail™Plus 子板 |
| AC164123 | 以太网 PICtail™Plus 子板 |
| AC164124** | IrDA® PICtail™Plus 子板 |
| AC164126** | Prototype PICtail™Plus 子板 |
| AC163020 | PIC10F2XX 编程适配器 |
| AC163020-2** | PIC12F DFN 编程适配器 |
| AC163021 | 6L SOT-23 到 8P DIP 适配器套件 |
| DM183011 | PICDEM™ MC 演示板 28L/40L PIC18FXX31 系列 |
| DM183021 | PICDEM™ MC LV 演示板 28L PIC18F2331,2431, dsPIC30F 系列 |

| 型 号 | 描 述 |
|-----------------------------|---|
| PICmicro® 演示套件 | |
| DM183022 | PICDEM™ HPC 开发板 |
| DM240001 | 16 位开发演示板 |
| 接口演示套件 | |
| DM163005 | PICDEM™ LIN 演示板 PIC16C432/433 LIN 总线 |
| DM163007 | PICDEM™ CAN-LIN 1 演示板 68L/84L PIC18CXX8 系列 |
| DM163010 | PICDEM™ USB 演示板 PIC16C7X5 |
| DM163011 | PICDEM™ CAN-LIN 2 演示板 28L/40L PIC18FXX8 和 PIC18FXX8X 系列 |
| DM163015 | PICDEM™ CAN-LIN 3 演示板 64L/80L PIC18FXX8X 系列 |
| DM163024** | PICDEM™net 2 演示板 |
| DM163025 | PICDEM™ FS USB 演示板 |
| DM163027-4** | PICDEM™ Z MRF24J40 演示板 |
| AC163027-1 | PICDEM™ Z 母板 |
| AC163027-4** | PICDEM™ Z MRF24J40 射频卡 |
| 混和信号控制演示套件 | |
| AC163001 | PICDEM™ MSC 1 升压演示板; 需要 DM163012 |
| AC163002 | PICDEM™ MSC 1 大功率 IR 演示板;需要 DM163012 |
| AC163003 | PICDEM™ MSC 1 Delta Sigma 演示板;需要 DM163012 |
| AC163004 | PICDEM™ MSC 1 流量传感器演示板; 需要 DM163012 |
| DM163012 | PICDEM™ MSC 1 混合信号控制器演示板 PIC16C781/782 |
| dsPIC® 16 位 DSC 演示套件 | |
| DM183021 | PICDEM™ MCLV 开发板 28L PIC18F2331/2431,dsPIC30F 系列 |
| DM240001 | 16 位开发演示板 |
| DM300004-1 | dsPICDEM.net™ 1 支持 FCC/JATE PSTN,以太网网络接口卡演示板 |
| DM300004-2 | dsPICDEM.net™ 2 支持 CTR-21 PSTN,以太网网络接口卡演示板 |
| DM300017 | dsPICDEM™ 28-Pin 入门演示板 |
| DM300018 | dsPICDEM™2 演示板 |
| DM300019 | dsPICDEM 80-Pin 启动开发板 |
| DM300020 | dsPICDEM™ MC1 电机控制开发板 |
| DM300021 | dsPICDEM™ MC1H 三相高压电源模块 |
| DM300022 | dsPICDEM™ MC1L 三相低压电源模块 |
| DM300023** | dsPICDEM™ SMPS 降压参考板 |
| DM300024 | dsPICDEM™ Plus 通用开发板 |

| 型 号 | 描 述 |
|----------------------------------|---|
| dsPIC [®] 16 位 DSC 软件工具 | |
| SW300001-L1 | 数字滤波器设计（数字滤波器设计生活） |
| SW300002 | dsPIC [®] V.22/V.22bis软件调制解调器库 |
| SW300003-EVAL | dsPIC [®] V.32 软件调制解调器库 (Eval Copy) |
| SW300003, 04, 05 | dsPIC [®] V.32 软件调制解调器库 (5K, 25K, 100K) |
| SW300006 | Vocal 科技的 dsPIC [®] V.22/V.22bis 软件调制解调器库 |
| SW300010-EVAL | dsPIC [®] 语音识别(Eval Copy) |
| SW300010, 11, 12 | dsPIC [®] 语音识别(5K, 25K, 100K licenses, respectively) |
| SW300020 | dsPIC30 数学库: 双精度浮点程序 |
| SW300021 | dsPIC30 外围库:外围初始化和控制程序 |
| SW300022 | dsPIC30 DSP 库: 基本的 DSP 算法包 (FFT,滤波器) |
| SW300023 | dsPICworks™可视化算法分析器: 数据分析和转换工具 |
| SW300024 | TCP/IP 连接和协议支持 |
| SW300026 | G. 711 语言编码/解码库 |
| SW300027 | FAT 16 文件系统库 |
| SW300030 | dsPIC [®] CMX 调度程序:dsPIC30F 多任务、抢占式调度程序 |
| SW300031 | CMX-RTX 用于 dsPIC [®] DSC 的全抢占式实时操作系统 |
| SW300032 | CMX-Tiny+ 用于 dsPIC [®] DSC 的抢占式实时操作系统 |
| SW300040-EVAL, 5K, 25K, 100K | 噪声抑制库(Eval, 5K, 25K, 100K) |
| SW300050-EVAL, 5K, 25K, 100K | dsPIC [®] DSC 对称嵌入式加密库(Eval, 5K, 25K, 100K) |
| SW300055-EVAL, 5K, 25K, 100K | dsPIC [®] DSC 非对称嵌入式加密库(Eval, 5K, 25K, 100K) |
| SW300060-EVAL, 5K, 25K, 100K | dsPIC [®] DSC 声音回声消除库(Eval, 5K, 25K, 100K) |
| SW300070-EVAL, 5K, 25K, 100K* | dsPIC [®] DSC 语音编码/解码库(Eval, 5K, 25K, 100K) |
| SW300080-EVAL, 5K, 25K, 100K | dsPIC [®] DSC 线路回声消除库(Eval, 5K, 25K, 100K) |
| SW300090-EVAL, 5K, 25K, 100K* | dsPIC [®] DSC G.726A 语音编码/解码库(Eval, 5K, 25K, 100K) |

电池充电器评估板

| 型 号 | 描 述 |
|-------------|-------------------|
| BN-MCP7382X | MCP7382X 锂电池充电评估板 |
| BN-MCP7384X | MCP7384X 锂电池充电评估板 |
| BN-MCP7386X | MCP7386X 锂电池充电评估板 |
| BN-MCP73855 | MCP73855 锂电池充电评估板 |

DC-DC 评估板

| 型 号 | 描 述 |
|------------|-------------------|
| BN-MCP1252 | MCP1252/53 充电泵评估板 |
| BN-MCP1650 | MCP1650 评估板 |

存储器评估开发套件

| | | |
|---------------------------------------|----------|------------------------------------|
| SEEVAL [®] 32 串行 EEPROM 开发套件 | DV243002 | 所有的串行 EEPROM, 24XX, 93XX, 25XXX 系列 |
|---------------------------------------|----------|------------------------------------|

KEELOQ[®] 评估套件

| | HCS101 | HCS200/201 | HCS300/301/320 | HCS360/361 | HCS362 | HCS365/370 | HCS410/412 | HCS473 | HCS500/515 | HCS512 |
|------------------------------|----------|------------|----------------|------------|----------|------------|------------|----------|------------|----------|
| KEELOQ [®] 收发器评估套件 | — | — | — | — | — | — | DM303005 | — | — | |
| KEELOQ [®] 评估套件 II | DM303006 | DM303006 | DM303006 | DM303006 | DM303006 | DM303006 | DM303006 | DM303006 | DM303006 | |
| 用于 SOIC 的 PROMATE II 的通用编程器 | AC004002 | AC004002 | AC004002 | AC004002 | AC004002 | AC004003 | AC004002 | AC004003 | — | AC004002 |
| 用于 DIP 的 PROMATE II 的通用编程器 | AC004001 | AC004001 | AC004001 | AC004001 | AC004001 | AC004007 | AC004001 | AC004007 | — | AC004001 |
| 用于 ICSP™ 的 PROMATE II 的通用编程器 | AC004004 | AC004004 | AC004004 | AC004004 | AC004004 | AC004004 | AC004004 | AC004004 | AC004004 | |

模拟/接口 演示/评估/开发套件

| 接口 | 型号 | 支持器件 |
|----------------------------------|------------------|-------------------------------------|
| MCP2140 IrDA [®] 无线温度模板 | MCP2140DM-TMPSNS | MCP2140 |
| MCP215X 数据记录器演示板 | MCP215XDM | MCP2150/55 |
| MCP250XX CAN I/O 扩展开发套件 | DV250501 | MCP25020,MCP25025,MCP25050,MCP25055 |
| MCP2510/2515 CAN 开发套件 | DV251001 | MCP2510,MCP2515 |
| MCP2120/2150 开发套件 | DM163008 | MCP2120,MCP2150 |
| MCP23X08 评估板 | MCP23X08EV | MCP23008,MCP23S08 |
| MCP23X17 评估板 | MCP23X17EV | MCP23017,MCP23S17 |
| 线性 | 型号 | 支持器件 |
| MCP6S22 PGA PICtail™ 演示板 | MCP6S22DM-PICTL | MCP6S22/92 |
| MCP6SX2 PGA 光电二极管 PICtail™ 演示板 | MCP6SX2DM-PCTLDP | MCP6S22/92 |
| MCP6SX2 PGA 热调节器 PICtail™ 演示板 | MCP6SX2DM-PCTLTH | MCP6S22/92 |
| MCP6S2X PGA 评估板 | MCP6S2XEV | MCP6S2X |

| 混合信号 | 型号 | 支持器件 |
|------------------------------|-----------------|---|
| 混合信号 PICtail™ 演示板 | MXSIGDM | TX132X, MCP330X, MCP320X, MCP494X, MCP3221, MCP3201, MCP1525, MCP1541 |
| 斜切累加型 A/D 转换器系列评估套件 | TX3400EV | TX3400X |
| 单一双 A/D | DV3201A | MCP3001, MCP3002, MCP3201, MCP3202 |
| MCP3201/02 评估系统子板 | DV3201A | MCP3201/02 |
| MXDEV 模拟评估系统 | DVMCPA | MCP3001/02, MCP3004./08, MCP3201/02, MCP3204/08 |
| MCP3204/08 评估系统子板 | DV3204A | MCP3204, MCP3208 |
| MCP42XXX 数字电位计评估套件 | DV42XXX | MCP42010, MCP42050, MCP42100 |
| MCP402X 评估板 | MCP402XEV | MCP4021, MCP4022, MCP4023, MCP4024 |
| 电源管理 | 型号 | 支持器件 |
| MCP1612 同步降压评估板 | MCP1612EV | MCP1612 |
| MCP1630 +12V 双通道输出降压转换器参考设计 | MCP1630RD-DDBK1 | MCP1630 |
| MCP1630 锂-锂聚电池充电器参考设计 | MCP1630RD-LIC1 | MCP1630 |
| MCP1630 NiMH 电池充电器演示板 | MCP1630DM-NMC1 | MCP1630 |
| MCP1601 降压调整器评估板 | MCP1601EV | MCP1601 |
| 电压检测评估板 | VSUPEV | SOT-23 packages |
| MCP7386X Li-Ion 锂-锂聚电池充电器评估板 | MCP7386XEV | MCP73861/62 |
| MCP165X 3W 白色 LED 演示板 | MCP1650DM-LED1 | MCP1650/51 |
| MCP1650 升压控制器评估板 | MCP1650EV | MCP1650 |
| MCP7384X 锂-锂聚电池充电器 | MCP7384XEV | MCP7384X |
| MCP7382X 锂-锂聚电池充电器 | MCP7382XEV | MCP7382X |
| MCP73855 评估板 | MCP73855EV | MCP73855 |
| 电压检测 SOT23-5/6 评估板 | VSUPEV2 | SOT23-5/6-lead 封装 |
| MCP1726 评估板 | MCP1726EV | MCP1726 |
| 温度管理工具 | 型号 | 器件 |
| MCP9800 温度传感器 PICtail™ 演示板 | MCP9800DM-PCTL | MCP9800 |
| 微型串口数字温度传感器演示板 | TC74DEMO | TC74 |
| TC652 风扇控制器演示板 | TC652DEMO | TC652 |
| TC650 风扇控制器演示板 | TC650DEMO | TC650 |

| 温度管理工具 | 型号 | 器件 |
|-----------------------|-----------------|---|
| 风扇速度控制器评估套件 | TC642EV | TC642, TC646, TC647, TC648, TC649, TC642B, TC646B, TC647B, TC648B, TC649B |
| TC72 数字温度传感器 | TC72DM-PICTL | TC72 |
| TC77 温度传感 PICTail™ 模板 | TC77DM-PICTL | TC77 |
| 风扇控制器演示板 | TC642DEMO | TC642 |
| TC1047A 温度转电压 | TC1047ADM-PICTL | TC1047A |

Natrono 产品表

| 型 号 | 描 述 | 封 装 | 数据手册 | 评估板 |
|-----------|--|--------|---------------|------------|
| 滚动解码产品系列 | | | | |
| NT2174IPD | 解码方式:MCSIMDEC 输出模式:暂态互锁, 可支持多达 15 个遥控器,默认厂商代码:3602227209051532 | 14P | NT21xx.pdf | NT21XXDemo |
| NT2174ISD | 解码方式:MCSIMDEC 输出模式:暂态互锁, 可支持多达 15 个遥控器,默认厂商代码:3602227209051532 | 14SL | NT21xx.pdf | |
| NT2175IPD | 解码方式:MCSIMDEC 输出模式:稳态互锁, 可支持多达 15 个遥控器,默认厂商代码:3602227209051532 | 14P | NT21xx.pdf | NT21XXDemo |
| NT2175ISD | 解码方式:MCSIMDEC 输出模式:稳态互锁, 可支持多达 15 个遥控器,默认厂商代码:3602227209051532 | 14SL | NT21xx.pdf | |
| NT2184IPD | 解码方式:MCDEC 输出模式:暂态互锁, 可支持多达 6 个遥控器,默认厂商代码:3602227209051532 | 14P | NT21xx.pdf | NT21XXDemo |
| NT2184ISD | 解码方式:MCDEC 输出模式:暂态互锁, 可支持多达 6 个遥控器,默认厂商代码:3602227209051532 | 14SL | NT21xx.pdf | |
| NT2185IPD | 解码方式:MCDEC 输出模式:稳态互锁, 可支持多达 6 个遥控器,默认厂商代码:3602227209051532 | 14P | NT21xx.pdf | NT21XXDemo |
| NT2185ISD | 解码方式:MCDEC 输出模式:稳态互锁, 可支持多达 6 个遥控器,默认厂商代码:3602227209051532 | 14SL | NT21xx.pdf | |
| 接口产品系列 | | | | |
| NT5285CAJ | 1/7~1/8 占空比的 LED 显示控制驱动电路, 内置键盘扫描电路, 支持多达 10X3 的键盘矩阵 | SSOP32 | NT5285CAJ.pdf | NT5285Demo |

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