

2022. 03. 13

| 形名           | データシート              | プログラマ<br>Mem[Word] | データSR<br>AM<br>[byte] | EEPROM<br>[byte] | 動作クロック   | Vdd                       | I/O<br>(内入力) | Cmp | タイマ<br>8/16bit | A/Dチャ<br>ンネル | D/A | PWM         | 他  | 外形                    | 価格                       |
|--------------|---------------------|--------------------|-----------------------|------------------|----------|---------------------------|--------------|-----|----------------|--------------|-----|-------------|--|-----------------------|--------------------------|
| PIC10F200    | <a href="#">200</a> | 256                | 16                    | —                | 4MHz     | 2.0~5.5V                  | 4(1)         | 無   | 1/—            |              |     |             | CLK=Ext/内臓4MHz。I/O=LED直Drv.、入TTL、出CMOS。ICSP  | 6-SOT-23、8-PDIP、8-DFN | I/P=秋50<br>、I/OT×10=秋600 |
| PIC10F202    | ”                   | 512                | 24                    | —                | ”        | ”                         | 4(1)         | 無   | ”              |              |     |             | ”  | ”                     |                          |
| PIC10F204    | ”                   | 256                | 16                    | —                | ”        | ”                         | 4(1)         | 1   | ”              |              |     |             | ”  | ”                     |                          |
| PIC10F206    | ”                   | 512                | 24                    | —                | ”        | ”                         | 4(1)         | 1   | ”              |              |     |             | ”  | ”                     |                          |
| PIC10F220    | <a href="#">220</a> | 256                | 16                    | —                | 8MHz     | 2.0~5.5V                  | 4(1)         |     | 1/—            | 8bit<br>×2   |     |             | CLK=Ext/内臓(4M/8MHz)。LED直Drv.、入TTL、出CMOS  | 6-SOT-23、8-PDIP、8-DFN |                          |
| PIC10F222    | ”                   | 512                | 23                    | —                | ”        | ”                         | 4(1)         |     | 1/—            | 8bit<br>×2   |     |             | ”  | ”                     | I/P=秋45                  |
| PIC10(L)F320 | <a href="#">320</a> | 512                | 64                    | 128(HEF)         | DC~16MHz | 2.3~5.5V<br>(LF)=1.8~3.6V | 4(1)         |     | 2/—            | 8bit<br>×3   |     | 10bit<br>×2 | CLK=Ext/内臓(16M、31kHz)選択(16M/8M/…/31kHz)。I/O=LED-Drv. 入TTL、出CMOS。ICSP。CLC。NCO。CWG。FVR | 6-SOT-23、8-PDIP/DFN   |                          |
| PIC10(L)F322 | ”                   | 512                | 64                    | 128(”)           | ”        | ”                         | 4(1)         |     | 2/—            | 8bit<br>×3   |     | 10bit<br>×2 | ”  | ”                     | I/P=秋65<br>、I/OT×4=秋240  |

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| 形名            | データシート                | プログラマ<br>Mem[Word] | データSRAM<br>[byte] | EEPROM<br>[byte]      | 動作クロック   | Vdd      | I/O<br>(内入力) | Cmp | タイマ<br>8/16bit | A/Dチャ<br>ンネル | D/A | PWM   | 他   | 外形                        | 価格                                |
|---------------|-----------------------|--------------------|-------------------|-----------------------|----------|----------|--------------|-----|----------------|--------------|-----|-------|---|---------------------------|-----------------------------------|
| PIC12C508     | <a href="#">C508</a>  | 512                | 25                | —                     | DC~4MHz  | 2.5~5.5V | 6(1)         |     | 1/—            |              |     |       | CLK=(Ext/Xtal/RC)/内蔵4MHz。I/O=入TTL/ST  | 8-PDIP/SOIC               |                                   |
| PIC12C508A    | 〃                     | 〃                  | 〃                 | —                     | 〃        | 3.0~5.5V | 6(1)         |     | 1/—            |              |     |       | 〃   | 〃                         |                                   |
| PIC12C509     | 〃                     | 1024               | 41                | —                     | 〃        | 2.5~5.5V | 6(1)         |     | 1/—            |              |     |       | 〃   | 〃                         |                                   |
| PIC12C509A    | 〃                     | 〃                  | 〃                 | —                     | 〃        | 3.0~5.5V | 6(1)         |     | 1/—            |              |     |       | 〃   | 〃                         |                                   |
| PIC12F508     | <a href="#">508</a>   | 512                | 25                |                       | DC~4MHz  | 2.0~5.5V | 6(1)         |     | 1/—            |              |     |       | CLK=(Ext/Xtal/RC)/内蔵4MHz。I/O=LED直Drv.、入TTL、出CMOS。ICSP                               | 8-PDIP/SOIC/M<br>SOP/DFN  |                                   |
| PIC12F509     | 〃                     | 1024               | 41                |                       | 〃        | 〃        | 6(1)         |     | 1/—            |              |     |       | 〃   | 〃                         | I/P=秋100                          |
| PIC12F510     | <a href="#">510</a>   | 1024               | 28                |                       | DC~8MHz  | 2.0~5.5V | 6(1)         | 1   | 1/—            | 8bit<br>×4   |     |       | CLK=(Xtal/RC)/内蔵(4M/8MHz)。I/O=LED直Drv.、入TTL、出CMOS。ICSP                              | 8-PDIP/SOIC/M<br>SOP      | I/P=秋70                           |
| PIC12F519     | <a href="#">519</a>   | 1024               | 41                | 64                    | DC~8MHz  | 2.0~5.5V | 6(1)         |     | 1/—            |              |     |       | CLK=(Ext/Xtal/RC)/内蔵(4M/8MHz)。I/O=LED直Drv.、入TTL、出CMOS。ICSP                          | 8-PDIP/SOIC/M<br>SOP/DFN  |                                   |
| PIC12F529T39A | <a href="#">529T</a>  | 1536               | 201               | 64(フラッシュ)             | DC~8MHz  | 2.0~3.6V | 6(1)         | 無   | 1/無            | 無            |     |       | CLK=(Ext/Xtal/RC)/内蔵(4M、8MHz)。I/O=LED直Drv.、入TTL、出CMOS。ICSP。RF送信(310、433、868、915MHz) | 14-TSSOP                  |                                   |
| PIC12F609     | <a href="#">609</a>   | 1024               | 64                |                       | DC~20MHz | 2.0~5.5V | 6(1)         | 1   | 1/1            | 無            |     | 無     | CLK=Ext/Xtal/RC/内蔵(4M、8MHz)。I/O=LED直Drv.、入TTL/ST、出CMOS。ICSP。ECCP無                   | 8-PDIP/SOIC/M<br>SOP/DFN  | I/P=秋110                          |
| PIC12HV609    | 〃                     | 1024               | 64                |                       | 〃        | 2.0~USER | 6(1)         | 1   | 1/1            | 無            |     | 無     | 〃。ECCP無   | 〃                         |                                   |
| PIC12F615     | 〃                     | 1024               | 64                | —                     | 〃        | 2.0~5.5V | 6(1)         | 1   | 2/1            | 10bit<br>×4  |     | 10bit | 〃。ECCP有   | 8-PDIP/SOIC/M<br>SOP/DFN  | I/P=秋120                          |
| PIC12HV615    | 〃                     | 1024               | 64                | —                     | 〃        | 2.0~USER | 6(1)         | 1   | 2/1            | 10bit<br>×4  |     | 10bit | 〃。ECCP有   | 〃                         | PDIP=秋80                          |
| PIC12F617     | 〃                     | 1024               | 128               | セルフリスト<br>/セルフライ<br>ト | 〃        | 2.0~5.5V | 6(1)         | 1   | 2/1            | 10bit<br>×4  |     | 10bit | 〃。ECCP有   | 〃                         |                                   |
| PIC12F629     | <a href="#">629</a>   | 1024               | 64                | 128                   | DC~20MHz | 2.0~5.5V | 6            | 1   | 1/1            | 無            |     |       | CLK=(Ext/Xtal/RC)/内蔵4MHz。I/O=LED直Drv.、入TTL/ST、出CMOS。ICSP                            | 8-PDIP/SOIC/D<br>FN-S     | I/P=秋140、I<br>/SN=秋140            |
| PIC12F635     | <a href="#">635</a>   | 1024               | 64                | 128                   | DC~20MHz | 2.0~5.5V | 6            | 1   | 1/1            |              |     |       | CLK=(Ext/Xtal/RC)/内蔵(8M、31kHz)選択(8M/4M/…/31kHz)。LED直Drv.、入TTL/ST、出CMOS。ICSP。        | 8-PDIP/SOIC/D<br>FN/DFN-S | I/P=秋90、E/<br>P=秋100、I/S<br>N=秋80 |
| PIC12CE673    | <a href="#">CE673</a> | 1024               | 128               | 16                    | DC~10MHz | 2.5~5.5V | 6(1)         |     | 1/—            | 8bit<br>×4   |     |       | CLK=(Ext/Xtal/RC)/内蔵4MHz。I/O=入TTL/ST。ICSP   | 8-PDIP/JW/SOI<br>C        |                                   |
| PIC12CE674    | 〃                     | 2048               | 〃                 | 16                    | 〃        | 〃        | 〃            |     | 〃              | 〃            |     |       | 〃   | 〃                         |                                   |

|               |                      |      |     |                |              |  |      |   |     |             |            |             |   |                            |                                       |
|---------------|----------------------|------|-----|----------------|--------------|--|------|---|-----|-------------|------------|-------------|---|----------------------------|---------------------------------------|
| PIC12F675     | <a href="#">629</a>  | 1024 | 64  | 128            | DC~20M<br>Hz | 2.0~5.5V                                   | 6    | 1 | 1/1 | 10bit<br>×4 |            |             | CLK=(Ext/Xtal/RC)/内蔵4MHz。I/O=LED直Drv.、入ST/TTL、出CMOS。ICSP  | 8-PDIP/SOIC/DFN-S          | I/P=秋170、I/SN=秋160、E/P=秋130           |
| PIC12F683     | <a href="#">683</a>  | 2048 | 128 | 256            | DC~20M<br>Hz | 2.0~5.5V                                   | 6    | 1 | 2/1 | 10bit<br>×4 | 10bit<br>× |             | CLK=(Ext/Xtal/RC)/内蔵(8M、31kHz)選択(8M/4M/.../31kHz)。I/O=LED直ドライブ、入TTL/ST、出CMOS。ICSP   | 8-PDIP/SOIC/DFN/DFN-S      | I/P=秋170、I/SN=秋5個600                  |
| PIC12F752     | <a href="#">752</a>  | 1024 | 64  | セルフリート<br>ドライブ | DC~20M<br>Hz | 2.0~5.5                                    | 6(1) | 2 | 3/1 | 10bit<br>×4 | 5bit       | 10bit       | CLK=Ext/内蔵(8M、31kHz)選択(8M/4M/1M/31kHz)。I/O=25、50mA、入TTL/ST、出CMOS。CCP。COG。ICSP   | 8-PDIP/SOIC/DFN            |                                       |
| PIC12HV752    | "                    | 1024 | 64  | "              | "            | 2.0~5V-R<br>eg.                            | 6(1) | 2 | 3/1 | 10bit<br>×4 | 5bit       | 10bit       | "   | "                          |                                       |
| PIC12(L)F1501 | <a href="#">1501</a> | 1024 | 64  |                | DC~20M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V              | 6(1) | 1 | 2/1 | 10bit<br>×4 | 5bit<br>×1 | 10bit<br>×4 | CLK=Ext/内蔵(16M、31kHz)選択(16M/8M/.../31kHz)。I/O=25mA、入TTL/ST、出CMOS。ICSP。NCO、CWG。CLC(AND/OR/XOR/D-FF/Dラッチ/SR/JK等)、CWG  | 8-PDIP、8-SOIC、8-MSOP、8-DFN | (F)I/P=秋100、(F)I/SN=秋70               |
| PIC12LF1552   | <a href="#">1552</a> | 2048 | 256 | 0              | DC~32M<br>Hz | 1.8~3.6V<br>(16MHz)<br>2.5~3.6V<br>(32MHz) | 6(1) |   | 1/無 | 10bit<br>×1 |            |             | CLK=Ext/内蔵(16M(OST付)、31kHz)選択(16M/8M(4xPLL可)/4M/.../31kHz)。I/O=25mA、入TTL/ST、出CMOS。ICSP。CVD×4。MSSP(SPI/I2C)×1  | 8-PDIP/SOIC/MSOP/UDFN      |                                       |
| PIC12(L)F1571 | <a href="#">1571</a> | 1024 | 128 | 128(HEF)       | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V              | 6    | 1 | 2/4 | 10bit<br>×4 | 5bit<br>×1 | 16bit<br>×3 | CLK=Extで4xPLL可/内蔵(500k(PLLにて16MHz)、31kHz)選択(16M/8M/.../31kHz)4xPLL可。I/O=?。ICSP。CWG。EUSART   | 8-PDIP/SOIC/DFN/MSOP/UDFN  |                                       |
| PIC12(L)F1572 | "                    | 2048 | 256 | 128( )         | "            | "  | 6    | 1 | 2/4 | 10bit<br>×4 | 5bit<br>×1 | 16bit<br>×3 | "   | "                          | (F)I/P=秋80                            |
| PIC12(L)F1612 | <a href="#">1612</a> | 2048 | 256 | 128(HEF)       | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V              | 6(1) | 1 | 4/1 | 10bit<br>×4 | 8bit       | 有           | CLK=Extで4xPLL可/内蔵(500k(PLLにて16MHz)、31kHz)選択(16M/8M/.../31kHz)4xPLL可。I/O=100mA有、入TTL/ST、出CMOS。CCP×2。セロクロス。CWG。CRC。24bitSMT×1   | 8-PDIP/SOIC/DFN/UDFN       | (F)I/P=秋90                            |
| PIC12(L)F1822 | <a href="#">1822</a> | 2048 | 128 | 256            | DC~32M<br>Hz | 1.8~5.5V<br>(LF)=1.8<br>~3.6V              | 6(1) | 1 | 2/1 | 10bit<br>×4 | 5bit       | 有           | CLK=第1(Ext/Xtal/RC)/第2(Xtal=32768Hz)/内蔵(500kHz(PLLにて16MHz)、31kHz)選択(16M/8M(4xPLL可)/4M/.../31kHz)。I/O=25mA、入TTL/ST、出CMOS。CCP/EC CP。I2C/SPI。EUSART。SRラッチ(555タイマー)。容量センス×4         | 8-PDIP/SOIC/DFN/UDFN       | (F)I/P=秋140、(LF)I/P=秋140、I/SN=秋140    |
| PIC12(L)F1840 | <a href="#">1840</a> | 4096 | 256 | 256            | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V              | 6(1) | 1 | 2/1 | 10bit<br>×4 | 5bit       | 有           | CLK=第1(Ext/Xtal/RC)/第2(Xtal=32768Hz)/内蔵(500kHz(PLLにて16MHz)、31kHz)選択(16M/8M(4xPLL可)/4M/.../31kHz)。I/O=25mA、入TTL/ST、出CMOS。ICSP。EUSART。MSSP(I2C/SPI)。容量センス。CCP/ECCP。SRラッチ(555タイマー) | 8-PDIP/SOIC/DFN/UDFN       | (F)I/P=秋150、(F)E/P=秋170、(LF)I/SN=秋140 |

2022.04.01

| 形名        | データシート              | プログラマ<br>Mem[Word] | データSRAM<br>[byte] | EEPROM<br>[byte] | 動作クロック   | Vdd      | I/O | Cmp. | タイマ-8<br>/16bit | A/Dチャンネル | D/A | PWM     | 他   | 外形                   | 価格                 |
|-----------|---------------------|--------------------|-------------------|------------------|----------|----------|-----|------|-----------------|----------|-----|---------|---|----------------------|--------------------|
| PIC16F54  | <a href="#">5x</a>  | 512                | 25                |                  | DC~20MHz | 2.0~5.5V | 12  |      | 1/—             |          |     |         | CLK=(Ext/Xtal/RC)/内蔵(?Hz)。I/O=高電流、TTL入/CMOS出。ICSP。※資料不足   | 18-PDIP/SOIC、20-SSOP | I/P=秋120           |
| PIC16F57  | "                   | 2048               | 72                |                  | "        | "        | 20  |      | 1/—             |          |     |         | "   | 28-PDIP/SOIC/SOP     | I/P=秋120、I/SP=秋60  |
| PIC16F59  | "                   | 2048               | 134               |                  | "        | "        | 32  |      | 1/—             |          |     |         | "   | 40-PDIP(600)、44-TQFP |                    |
| PIC16F72  | <a href="#">72</a>  | 2048               | 128               |                  | DC~20MHz | 2.0~5.5V |     |      | 3?              | 8bit×5   |     | 10bit×1 | CLK=(Ext/Xtal/RC)/内蔵2u~6us。I/O=25mA、入TTL/ST、出?。ICSP。CCP。SSP(マスター・スレーブSPI/スレーブI2C)。割り込み×8。※CLK詳細不明 | 28-PDIP/SOIC/SOP/QFN |                    |
| PIC16F73  | <a href="#">7x</a>  | 4096               | 192               |                  | DC~20MHz | 2.0~5.5V | 22  |      | 2/1             | 8bit×5   |     | 10bit×2 | CLK=(Ext/Xtal/RC)/内蔵2u~6us。I/O=25mA、入TTL、出CMOS。ICSP。I2C/SPI。USART/SCI。※CLK詳細不明<br>割り込み要因11。       | 28-SOIC/SSOP/MPLF    |                    |
| PIC16F74  | "                   | 4096               | 192               |                  | "        | "        | 33  |      | 2/1             | 8bit×8   |     | 10bit×2 | "<br>割り込み×12。パラレル・ポートR/W  | 40-PDIP、44-PLCC/QFP  |                    |
| PIC16F76  | "                   | 8192               | 368               |                  | "        | "        | 22  |      | 2/1             | 8bit×5   |     | 10bit×2 | "<br>割り込み×11。   | 28-SOIC/SSOP/MPLF    |                    |
| PIC16F77  | "                   | 8192               | 368               |                  | "        | "        | 33  |      | 2/1             | 8bit×8   |     | 10bit×2 | "<br>割り込み×12。パラレル・ポートR/W  | 40-PDIP、44-PLCC/QFP  |                    |
| PIC16F83  | <a href="#">8x</a>  | 512                | 36                | 64(EEPROM)       | DC~10MHz | 2.0~6.0V | 13  |      | 1/              |          |     |         | CLK=(Ext/Xtal/RC)/内蔵?、OST。I/O=シフト25mA/ソース20mA、入TTL/ST、出CMOS。ICSP。割り込み4。※CLK詳細不明                   | 18-DIP/SOIC          |                    |
| PIC16F84  | "                   | 1024               | 68                | "                | "        | "        | 13  |      | "               |          |     |         | "   | "                    |                    |
| PIC16CR83 | "                   | 512(ROM)           | 36                | "                | "        | 2.0~6.0V | 13  |      | "               |          |     |         | "   | "                    |                    |
| PIC16CR84 | "                   | 1024(ROM)          | 68                | "                | "        | "        | 13  |      | "               |          |     |         | "   | "                    |                    |
| PIC16F84A | <a href="#">84A</a> | 1024               | 68                | 64(EEPROM)       | DC~20MHz | 2.0~5.5V | 13  |      | 1/              |          |     |         | CLK=(Ext/Xtal/RC)/内蔵?、OST。I/O=25mA、入TTL/ST含、出TTL?。ICSP。※CLK詳細不明                                   | 18-PDIP/SOIC、20-SSOP | I/P=秋360、I/SO=秋350 |
| PIC16F87  | <a href="#">87</a>  | 4096               | 368               | 256(EEPROM)      | 20MHz    | 2.0~5.5V | 16  | 2    | 2/1             | 無        |     | 10bit   | CLK=(Ext/Xtal/RC)/内蔵(?Hz)選択(8M/4M/.../31  | 18-PDIP/SOIC、        | I/P=秋270           |

|               |                       |      |     |                         |          |                       |        |   |     |         |         |   |                                 |                            |
|---------------|-----------------------|------|-----|-------------------------|----------|-----------------------|--------|---|-----|---------|---------|---|---------------------------------|----------------------------|
|               |                       |      |     | PROM)                   |          |                       |        |   |     |         | ×1      | .25kHz)、31.25kHz)とOST。I/O=入TTL/ST、出CMOS<br>?。CCP。AUSART/SCI。I2C/SPI。ICSP。※CLK詳細不明 | 20-SSOP、28-QFN                  |                            |
| PIC16F88      | "                     | 4096 | 368 | 256 ( " )               | "        | "                     | 16     | 2 | 2/1 | 10bit×1 | "       | "   | 18-PDIP/SOIC、<br>20-SSOP、28-QFN | I/P=秋330<br>、I/SS=秋<br>320 |
| PIC16F505     | <a href="#">508</a>   | 1024 | 72  |                         | DC~20MHz | 2.0~5.5V              | 12(1)  |   | 1/— |         |         | CLK=(Xtal/RC/Ext)/内蔵4MHz。I/O=LED直Drv.、入TTL、出CMOS。ICSP                             | 14-PDIP/SOIC/TSSOP、16-QFN       |                            |
| PIC16F506     | <a href="#">510</a>   | 1024 | 67  |                         | DC~20MHz | 2.0~5.5V              | 12(1)  | 2 | 1/— | 8bit×4  |         | CLK=(RC/Xtal/Ext)/内蔵(4M/8MHz)。I/O=LED直Drv.、入TTL、出CMOS。ICSP                        | 14-PDIP/SOIC/TSSOP              |                            |
| PIC16F526     | <a href="#">526</a>   | 1024 | 67  | 64(7ビット)                | DC~20MHz | 2.0~5.5V              | 12(1)  | 2 | 1/  | 8bit×3  |         | CLK=(Ext/Xtal/RC)/内蔵(4M/8MHz)。I/O=LED直Drv.、入TTL、出CMOS。ICSP                        | 14-PDIP/SOIC/TSSOP、16-QFN       |                            |
| PIC16F527     | <a href="#">527</a>   | 1024 | 68  | 64(7ビット<br>シ:セル7<br>WR) | DC~20MHz | 2.0~5.5V              | 18(1)  | 2 | 1/  | 8bit×8  |         | CLK=(Ext/Xtal/RC)/内蔵(4M/8MHz)。I/O=入TTL/ST、出CMOS。OpAmp×2                           | 20-PDIP/SSOP/SOIC/QFN/UQFN      |                            |
| PIC16HV540    | <a href="#">HV540</a> | 512  | 25  |                         | DC~20MHz | 3.5~15V(3/5V-Reg)     | 12     |   | 1/  |         |         | CLK=(Ext/Xtal/RC)/内蔵(?)。I/O=入TTL、出CMOS、VDDI/0有。ICSP                               | 18-PDIP/SOIC/ CERDIP、20-SSOP    |                            |
| PIC16F570     | <a href="#">570</a>   | 2048 | 132 | 64(7ビット<br>シ:セル7<br>WR) | DC~20MHz | 2.0~5.5V              | 25(1?) | 2 | 1/  | 8bit×8  |         | CLK=(Ext/Xtal/RC)/内蔵(4M/8MHz)。I/O=入TTL/ST、出CMOS。ICSP。OpAmp×2                      | 28-SPDIP/SSOP/SOIC/QFN/UQFN     |                            |
| PIC16F610     | <a href="#">610</a>   | 1024 | 64  |                         | DC~20MHz | 2.0~5.5V              | 11(1)  | 2 | 1/1 | 無       |         | CLK=(Ext/Xtal/RC)/内蔵(4M/8MHz)。LED直Drv.。SRラッチ。ICSP。                                | 14-PDIP/SOIC/TSSOP、16-QFN       |                            |
| PIC16HV610    | "                     | 1024 | 64  |                         | "        | 2.0~5VシフトReg.         | 11(1)  | 2 | 1/1 | 無       |         | "   | "                               |                            |
| PIC16F616     | "                     | 2048 | 128 |                         | "        | 2.0~5.5V              | 11(1)  | 2 | 2/1 | 10bit×8 |         | "   | "                               |                            |
| PIC16HV616    | "                     | 2048 | 128 |                         | "        | 2.0~5VシフトReg.         | 11(1)  | 2 | 2/1 | 10bit×8 |         | "   | "                               |                            |
| PIC16(L)F627  | <a href="#">62x</a>   | 1024 | 224 | 128                     | DC~20MHz | 3.0~5.5V(LF)=2.0~5.5V | 16     | 2 | 2/1 |         | 10bit×1 | CLK=(Ext/Xtal/RC)/内蔵4MHz。I/O=直LED直Drv.、入ST、出CMOS(O.D.含)。USART。ICSP                | 18-PDIP/SOIC、<br>20-SSOP        | P=秋300                     |
| PIC16(L)F628  | "                     | 2048 | 224 | 128                     | "        | "                     | 16     | 2 | 2/1 |         | "       | "   | "                               |                            |
| PIC16(L)F627A | <a href="#">627A</a>  | 1024 | 224 | 128(EEPROM)             | DC~20MHz | 3.0~5.5V(LF)=2.0~5.5V | 16     | 2 | 2/1 |         | 10bit×1 | CLK=(Ext/Xtal/RC)/内蔵(4M/48kHz)。I/O=LEDドライバ、入TTL/ST、出CMOS。CCP。USART/SCI            | 18-PDIP/SOIC、<br>20-SSOP、28-QFN | (F) I/P=秋<br>250           |
| PIC16(L)F628A | "                     | 2048 | 224 | 128 ( " )               | "        | "                     | 16     | 2 | 2/1 |         | 10bit×1 | "   | "                               | I/P=秋280                   |

|               |                     |      |     |                  |              |          |       |   |     |              |             |             |  |   |                             |  |
|---------------|---------------------|------|-----|------------------|--------------|----------|-------|---|-----|--------------|-------------|-------------|--|---|-----------------------------|--|
| PIC16(L)F648A | "                   | 4096 | 256 | 256 ( "          | "            | "        | 16    | 2 | 2/1 |              |             | 10bit<br>×1 | "  | "   | I/P=秋360<br>、I/S0=秋<br>440  |  |
| PIC16F630     | <a href="#">630</a> | 1024 | 64  | 128 (EE<br>PROM) | DC~20M<br>Hz | 2.0~5.5V | 12    | 1 | 1/1 | 無            |             |             | CLK=(Ext/Xtal/RC)/内蔵4MHz。I/O=LED直Drv.、入<br>TTL/ST、出CMOS。ICSP   | 14-PDIP/SOIC/T<br>SSOP                    | I/P=秋200                    |  |
| PIC16F676     | "                   | 1024 | 64  | 128 ( "          | "            | "        | 12    | 1 | 1/1 | 10bit×8      |             |             | "  | "   | I/P=秋240                    |  |
| PIC16F631     | <a href="#">631</a> | 1024 | 64  | 128 (EE<br>PROM) | DC~20M<br>Hz | 2.0~5.5V | 18(1) | 2 | 1/1 | 無            | 無           |             | CLK=(Ext/Xtal/RC)/内蔵(8M、31kHz) 選択 (8M/4M/<br>…/31kHz)。I/O=LED直Drv.、入TTL/ST、出CMOS。SRフ<br>ツチ。ICSP。<br>SPI無、I2C。EUSART無 | 20-PDIP/SOIC/S<br>SOP/QFN                 |                             |  |
| PIC16F677     | "                   | 2048 | 128 | 256 ( "          | "            | "        | 18(1) | 2 | 1/1 | 10bit×1<br>2 | 無           |             | "。<br>SPI有、I2C。EUSART無   | 20-PDIP/SOIC/S<br>SOP/QFN                 |                             |  |
| PIC16F685     | "                   | 4096 | 256 | 256 ( "          | "            | "        | 18(1) | 2 | 2/1 | 10bit×1<br>2 | 10bit       |             | "。<br>SPI無、I2C。EUSART無   | 20-PDIP/SOIC/S<br>SOP/QFN                 |                             |  |
| PIC16F687     | "                   | 2048 | 128 | 256 ( "          | "            | "        | 18(1) | 2 | 1/1 | 10bit×1<br>2 | 無           |             | "。<br>SPI有、I2C。EUSART有   | 20-PDIP/SOIC/S<br>SOP/QFN                 | I/SS=秋29<br>0、I/S0=<br>秋180 |  |
| PIC16F689     | "                   | 4096 | 256 | 256 ( "          | "            | "        | 18(1) | 2 | 1/1 | 10bit×1<br>2 | 無           |             | "。<br>SPI有、I2C。EUSART有   | "   | I/P=秋180                    |  |
| PIC16F690     | "                   | 4096 | 256 | 256 ( "          | "            | "        | 18(1) | 2 | 2/1 | 10bit×1<br>2 | 10bit       |             | "。<br>SPI有、I2C。EUSART有   | 20-PDIP/SOIC/S<br>SOP/QFN                 | I/P=秋260                    |  |
| PIC16F684     | <a href="#">684</a> | 2048 | 128 | 256 (EE<br>PROM) | DC~20M<br>Hz | 2.0~5.5V | 12    | 2 | 2/1 | 10bit×8      | 10bit<br>×4 |             | CLK=(Ext/Xtal/RC)/内蔵(8M、31kHz) 選択 (8M/4M/<br>…/31kHz)。I/O=LED直Drv.、入TTL、出CMOS。ECCP<br>。ICSP                          | 14-PDIP/SOIC/T<br>SSOP、16-QFN             |                             |  |
| PIC16F688     | <a href="#">688</a> | 4096 | 256 | 256 (EE<br>PROM) | DC~20M<br>Hz | 2.0~5.5V | 12    | 2 | 1/1 | 10bit×8      |             |             | CLK=(Ext/Xtal/RC)/内蔵(8M、31kHz) 選択 (8M/4M/<br>…/31kHz)。I/O=LEDドライバ、入:TTL/ST、出:CMOS。<br>EUSART。ICSP                    | 14-PDIP/SOIC/T<br>SSOP、16-QFN             | I/P=秋240                    |  |
| PIC16F636     | <a href="#">635</a> | 2048 | 128 | 256              | DC~20M<br>Hz | 2.0~5.5V | 12    | 2 | 1/1 |              |             |             | CLK=(Ext/Xtal/RC)/内蔵(8M、31kHz) 選択 (8M/4M/<br>…/31kHz)。LED直Drv.、入TTL/ST、出CMOS。ICSP。                                   | 14-PDIP/SOIC/T<br>SSOP、16-QFN、<br>20-SSOP |                             |  |
| PIC16F639     | "                   | 2048 | 128 | 256              | "            | "        | 12    | 2 | 1/1 |              |             |             | "。低周波数アナログ・フロンエンド機能125kHz  | 20-SSOP                                   |                             |  |
| PIC16F675     |                     |      |     |                  |              |          |       |   |     |              |             |             |  |   |                             |  |
| PIC16F675     |                     |      |     |                  |              |          |       |   |     |              |             |             |  |   |                             |  |
| PIC16F684     |                     |      |     |                  |              |          |       |   |     |              |             |             |  |   |                             |  |
| PIC16(L)F707  | <a href="#">707</a> | 8192 | 363 |                  | DC~20M       | 1.8~5.5V | 36(1) |   | 4/2 | 8bit×14      | 5bit        | 10bit       | CLK=(Ext/Xtal/RC)/内蔵(500kHz) 32xPLLにて16MH  | 40-PDIP、44-QF                             |                             |  |

|               |                      |      |     |           |          |  |       |  |     |         |                     |   |                                 |          |
|---------------|----------------------|------|-----|-----------|----------|--|-------|--|-----|---------|---------------------|---|---------------------------------|----------|
|               |                      |      |     |           | Hz       | (LF)=1.8<br>~3.6V                      |       |  |     |         | ×2                  | z可で選択(16M(500k)/8M(250k)/4M(125k)/2MHz(62.5kHz))。I/O=LED直Drv、入TTL/ST、出CMOS。ICSP。CCP。AUSART。SSP(SPIマスター/スレーブ、I2Cスレーブ)。容量センス  | N/TQFP、40-UQFN                  |          |
| PIC16F716     | <a href="#">716</a>  | 2048 | 128 |           | DC~20MHz | 2.0~5.5V<br>(工場向)<br>3.0~5.5V<br>(一般向) | 13    |  | 2/1 | 8bit×4  | 10bit<br>×1/2<br>/4 | CLK=第1? (Ext/Xtal/RC)/第2(Xtal=32768Hz)、OST。I/O=25mA、入:TTL/ST含、出:CMOS。ICSP。ECCP。<br>※CLK関係資料不足、内蔵RCは250kHzのようだ。  | 18-PDIP/SOIC、<br>20-SSOP        | I/P=秋220 |
| PIC16(L)F720  | <a href="#">720</a>  | 2048 | 128 | 128(フッシュ) | DC~16MHz | 1.8~5.5V<br>(LF)=1.8<br>~3.6V          | 18(1) |  | 2/1 | 8bit×12 | 10bit<br>×1         | CLK=Ext/内蔵(500kHz)32xPLL可にて16MHzで選択( )。I/O=LED直Drv、入TTL/ST、出CMOS。ICSP。AUSART×1。SSP(I2C(スレーブ)/SPI(マスター/スレーブ))×1。CCP  | 20-PDIP/SOIC/S<br>SOP/QFN       |          |
| PIC16(L)F721  | "                    | 4096 | 256 | 128( )    | "        | "                                      | 18(1) |  | 2/1 | 8bit×12 | 10bit<br>×1         | "   |                                 |          |
| PIC16F722     | <a href="#">722</a>  | 2048 | 128 | 無         | DC~20MHz | 1.8~5.5V<br>(L)1.8~3.6V                | 25(1) |  | 2/1 | 8bit×11 | 10bit<br>×2         | CLK=第1(Ext/Xtal/RC)/第2(Xtal=32768Hz)/内蔵500kHzで32xPLL可で選択(16M(500k)/8M(250k)/4M(125k)/2M(62.5kHz))、内蔵31kHz有。I/O=LED直Drv、入TTL/ST、出CMOS。SSP(I2C(スレーブ)/SPI(マスター/スレーブ))×1。ICSP。CCP。AUSART×1。(F)=3.2V-Reg。<br>容量センス×8 | 28-PDIP/SOIC/S<br>SOP/QFN/UQFN  |          |
| PIC16F723     | "                    | 4096 | 192 | 無         | "        | "                                      | 25(1) |  | 2/1 | 8bit×11 | 10bit<br>×2         | "。<br>容量センス×8   | 28-PDIP/SOIC/S<br>SOP/QFN/UQFN  |          |
| PIC16F724     | "                    | 4096 | 192 | 無         | "        | "                                      | 36(1) |  | 2/1 | 8bit×14 | 10bit<br>×2         | "。<br>容量センス×16  | 40-PDIP、44-TQFP/QFN             |          |
| PIC16F726     | "                    | 8192 | 368 | 無         | "        | "                                      | 25(1) |  | 2/1 | 8bit×11 | 10bit<br>×2         | "。<br>容量センス×8   | 28-PDIP/SOIC/S<br>SOP/QFN/UQFN  |          |
| PIC16F727     | "                    | 8192 | 368 | 無         | "        | "                                      | 36(1) |  | 2/1 | 8bit×14 | 10bit<br>×2         | "。<br>容量センス×16  | 40-PDIP、44-TQFP/QFN             |          |
| PIC16(L)F722A | <a href="#">722A</a> | 2048 | 128 | 無         | DC~20MHz | 1.8~5.5V<br>(LF)=1.8<br>~3.6V          | 25(1) |  | 2/1 | 8bit×11 | 10bit<br>×2         | CLK=第1(Ext/Xtal/RC)/第2(Xtal=32768Hz)/内蔵500kHzで32xPLL可で選択(16M(500k)/8M(250k)/4M(125k)/2M(62.5kHz))、内蔵31kHz有。I/O=LED直Drv、入TTL/ST、出CMOS。ICSP。AUSART×1。SSP(I2C(スレーブ)/SPI(マスター/スレーブ))×1。CCP。(F)=3.2V-Reg<br>容量センス×8  | 28-SPDIP/SOIC/<br>SSOP/QFN/UQFN |          |
| PIC16(L)F723A | "                    | 4096 | 192 | 無         | "        | "                                      | 25(1) |  | 2/1 | 8bit×11 | 10bit               | "。  |                                 |          |

|            |                     |      |     |                 |              |                   |            |   |     |                |             |  |   |                           |  |
|------------|---------------------|------|-----|-----------------|--------------|-------------------|------------|---|-----|----------------|-------------|--|---|---------------------------|--|
|            |                     |      |     |                 |              |                   |            |   |     |                | ×2          | 容量×8   |   |                           |  |
| PIC16F737  | <a href="#">7x7</a> | 4096 | 368 |                 | DC~20M<br>Hz |                   | 25         | 2 | 2/1 | 10bit×1<br>1   | 10bit<br>×3 | CLK=第1(Ext/Xtal/RC)/第2(Xtal=32768Hz)/内蔵(8M?、31.25kHz)選択(125k~8MHz)とOST。I/O=入TTL/ST、出?。ICSP。CCP。MSSP(SPI/I2C(マスター))。AUSART。<br>割り込み×16。PSP無 | 28-PDIP/SOIC/SOP/QFN  |                           |  |
| PIC16F747  | "                   | 4096 | 368 |                 | "            |                   | 36         | 2 | 2/1 | 10bit×1<br>4   | 10bit<br>×3 | "。<br>割り込み×17。PSP有   | 44-QFN、40-PDIP、44-TQFP  |                           |  |
| PIC16F767  | "                   | 8192 | 368 |                 | "            |                   | 25         | 2 | 2/1 | 10bit×1<br>1   | 10bit<br>×3 | "。<br>割り込み×16。PSP無   | 28-PDIP/SOIC/SOP/QFN  |                           |  |
| PIC16F777  | "                   | 8192 | 368 |                 | "            |                   | 36         | 2 | 2/1 | 10bit×1<br>4   | 10bit<br>×3 | "。<br>割り込み×17。PSP有   | 44-QFN、40-PDIP、44-TQFP  |                           |  |
| PIC16F753  | <a href="#">753</a> | 2048 | 128 | セル7R/W          | DC~20M<br>Hz | 2.0~5.5           | 12(1)      | 2 | 3/1 | 10bit×8        | 9bit        | 10bit  | CLK=Ext/内蔵(8M、31kHz)選択(8M/4M/1M/31kHz)。I/O=25(50含)mA、入:TTL/ST、出:CMOS。OpAmp、COG、CCP×1。ICSP | 14-PDIP/SOIC/TSSOP、16-QFN |  |
| PIC16HV753 | "                   | 2048 | 128 | "               | "            | 2.0~5V<br>ソフトReg. | 12(1)      | 2 | 3/1 | 10bit×8        | 9bit        | "  | "   | 14PDIP、SOIC、TSSOP。4×4DFN  |  |
| PIC16F785  | <a href="#">785</a> | 2048 | 128 | 256(EE<br>PROM) | DC~20M<br>Hz | 2.0~5.5V          | 18(1)      | 2 | 2/1 | 10bit×1<br>2+1 | 10bit<br>×1 | CLK=(Ext/Xtal/RC)/内蔵(8M、31kHz)選択(8M/4M/.../31kHz)。I/O=LED直ドライブ、入:TTL/ST、出:CMOS。OpAmp×2。CCP×1。ICSP  | 20-PDIP/SOIC/SOP/QFN  | I/P=秋260                  |  |
| PIC16HV785 | "                   | 2048 | 128 | 256(")          | "            | 2.0~5V<br>Reg.    | 18(1)      | 2 | 2/1 | 10bit×1<br>2+1 | 10bit<br>×1 | "  | "   | "                         |  |
| PIC16F818  | <a href="#">818</a> | 1024 | 128 | 128(EE<br>PROM) | 20MHz        | 2.0~5.5V          | 16         |   | 2/1 | 10bit×5        | 10bit<br>×1 | CLK=(Ext/Xtal/RC)/内蔵(8M?、31.25kHz)選択(8M/4M/.../31.25kHz)。I/O=25mA、入TTL/ST、出CMOS?。CCP。スレーブI2C、SPI。ICSP                                      | 18-PDIP/SOIC、20-SSOP、28-QFN   | I/SO=秋150、I/P=秋280        |  |
| PIC16F819  | "                   | 2048 | 256 | 256(")          | "            | "                 | 16         |   | 2/1 | 10bit×5        | 10bit<br>×1 | "  | "   | I/P=秋330                  |  |
| PIC16F873  | <a href="#">87x</a> | 4096 | 192 | 128(EE<br>PROM) | DC~20M<br>Hz | 2.0~5.5V          | PA、B、C     |   | 2/1 | 10bit×5        | 10bit<br>×2 | CLK=第1(Ext/Xtal/RC)/第2(Xtal=200kHzまで)内蔵?4usとOST。I/O=25mA、入TTL、出CMOS?。ICSP。マスター・スレーブI2C、マスター・スレーブSPI。USART/SCI。<br>割り込み13。                  | 28-DIP/SOIC   |                           |  |
| PIC16F874  | "                   | 4096 | 192 | "               | "            | "                 | PA、B、C、D、E |   | 2/1 | 10bit×8        | "           | "。<br>割り込み14。パラレル通信  | 40-PDIP、44-PLCC/QFP   |                           |  |
| PIC16F876  | "                   | 8192 | 368 | 256(")          | "            | "                 | PA、B、C     |   | 2/1 | 10bit×5        | "           | "。<br>割り込み13   | 28-DIP/SOIC   | SP=秋780                   |  |
| PIC16F877  | "                   | 8192 | 368 | "               | "            | "                 | PA、B、C     |   | 2/1 | 10bit×8        | "           | "。   | 40-PDIP、44-PL   | I/PT=秋65                  |  |



|            |                      |      |     |               |          |          |                 |   |     |          |  |           |   |                          |                               |
|------------|----------------------|------|-----|---------------|----------|----------|-----------------|---|-----|----------|--|-----------|---|--------------------------|-------------------------------|
|            |                      |      |     |               |          |          | 、D、E            |   |     |          |  |           | 割り込み14。パラレル通信   | CC/QFP                   | 0、P=秋750                      |
| PIC16F873A | <a href="#">87xA</a> | 4096 | 192 | 128 (EE PROM) | DC~20MHz | 2.0~5.5V | 22 (PA、B、C)     | 2 | 2/1 | 10bit×5  |  | 10bit×2   | CLK=第1 (Ext/Xtal/RC) /第2 (Xtal=200kHzまで) ? /内蔵2~6us?。I/O=25mA、入TTL/ST、出CMOS?。ICSP。マスター/スレーブ I2C、マスター-SPI。USART/SCI。割り込み13。                          | 28-DIP/SOIC/SSOP/QFN     | I/SP=秋430                     |
| PIC16F874A | "                    | 4096 | 192 | "             | "        | "        | 33 (PA、B、C、D、E) | 2 | 2/1 | 10bit×8  |  | "         | "。<br>割り込み14。パラレル通信R/W  | 40-PDIP、44-QFN/PLCC/TQFP |                               |
| PIC16F876A | "                    | 8192 | 368 | 256 ( " )     | "        | "        | 22 (PA、B、C)     | 2 | 2/1 | 10bit×5  |  | "         | "。<br>割り込み13  | 28-DIP/SOIC/SSOP/QFN     |                               |
| PIC16F877A | "                    | 8192 | 368 | "             | "        | "        | 33 (PA、B、C、D、E) | 2 | 2/1 | 10bit×8  |  | "         | "。<br>割り込み14。パラレル通信R/W  | 40-PDIP、44-QFN/PLCC/TQFP | I/PT=秋660、I/P=秋540            |
| PIC16F882  | <a href="#">882</a>  | 2048 | 128 | 128 (EE PROM) | DC~20MHz | 2.0~5.5V | 24              | 2 | 2/1 | 10bit×11 |  | 10bit×1/2 | CLK=第1 (Ext/Xtal/RC) /内蔵 (8M、31kHz) 選択 (8M/4M/.../31kHz)、第2 (Xtal=32kHz) 有。I/O=LED直ドライブ、入TTL/ST、出CMOS。ECCP/CCP×1/1。EUSART×1。MSSP (I2C/SPI) ×1。SRラッチ | 28-PDIP/SOIC/SOP/QFN     |                               |
| PIC16F883  | "                    | 4096 | 256 | 256 ( " )     | "        | "        | 24              | 2 | 2/1 | 10bit×11 |  | 10bit×1/2 | "   | 28-PDIP/SOIC/SOP/QFN     | I/SP=秋330、I/SS=秋200           |
| PIC16F884  | "                    | 4096 | 256 | 256 ( " )     | "        | "        | 35              | 2 | 2/1 | 10bit×14 |  | 10bit×1/2 | "   | 40-PDIP、44-QFN/TQFP      |                               |
| PIC16F886  | "                    | 8192 | 368 | 256 ( " )     | "        | "        | 24              | 2 | 2/1 | 10bit×11 |  | 10bit×1/2 | "   | 28-PDIP/SOIC/SOP/QFN     | I/SP=秋320、I/SO=秋200、I/SS=秋300 |
| PIC16F887  | "                    | 8192 | 368 | 256 ( " )     | "        | "        | 35              | 2 | 2/1 | 10bit×14 |  | 10bit×1/2 | "   | 40-PDIP、44-QFN/TQFP      | I/PT=秋380、I/P=秋340            |
| PIC16F913  | <a href="#">913</a>  | 4096 | 256 | 256 (EE PROM) | DC~20MHz | 2.0~5.5V | 24 (1)          | 2 | 2/1 | 10bit×5  |  | 10bit     | CLK=第1 (Ext/Xtal/RC) /内蔵 (8M、31kHz) 選択 (8M/4M/.../31kHz)、第2 (Xtal=32878Hz) 有。I/O=LED直Drive、入:TTL/ST、出CMOS。CCP×1。ICSP。AUSART。SSP/I2C。LCDセグメント=16     | 28-PDIP/SOIC/SOP/QFN     |                               |
| PIC16F914  | "                    | 4096 | 256 | 256 ( " )     | "        | "        | 35 (1)          | 2 | 2/1 | 10bit×8  |  | 10bit     | "。LCDセグメント=24   | 40-PDIP、44-TQ            |                               |

|           |   |      |     |               |   |   |       |   |     |         |  |       |                 |                      |  |
|-----------|---|------|-----|---------------|---|---|-------|---|-----|---------|--|-------|-----------------|----------------------|--|
|           |   |      |     | )             |   |   |       |   |     |         |  |       |                 | FP/QFN               |  |
| PIC16F916 | " | 8192 | 352 | 256 ( " " " ) | " | " | 24(1) | 2 | 2/1 | 10bit×5 |  | 10bit | " 。 LCDセグメント=16 | 28-PDIP/SOIC/SOP/QFN |  |
| PIC16F917 | " | 8192 | 352 | 256 ( " " " ) | " | " | 35(1) | 2 | 2/1 | 10bit×8 |  | 10bit | " 。 LCDセグメント=24 | 40-PDIP、44-TQFP/QFN  |  |
| PIC16F946 | " | 8192 | 352 | 256 ( " " " ) | " | " | 53(1) | 2 | 2/1 | 10bit×8 |  | 10bit | " 。 LCDセグメント=42 | 64-TQFP              |  |

2022.03.31

| 形名            | データシート               | プログラマ<br>Mem[Word] | データSRAM<br>[byte] | EEPROM<br>[byte] | 動作クロック                  | Vdd                       | I/O   | Cmp. | タイマ-8<br>/16bit | A/Dチャンネル | D/A    | PWM     | 他   | 外形                             | 価格                       |
|---------------|----------------------|--------------------|-------------------|------------------|-------------------------|---------------------------|-------|------|-----------------|----------|--------|---------|---|--------------------------------|--------------------------|
| PIC16(L)F1454 | <a href="#">1454</a> | 8192               | 1024              |                  | DC~48MHz                | 2.3~5.5V<br>(LF)=1.8~3.6V | 11(3) | 無    | 2/1             | 無        | 無      | 10bit×2 | CLK=第1(Ext/Xtal/RC)3xか4xPLL可/第2(Xtal=32768Hz)/内蔵(16M+OST,31kHz)選択(16M/8M/.../31kHz)、第1第2の端子は同じ。I/O=25mA、入TTL、出CMOS。EUSART。MSSP。USB。CWG無                   | 14-PDIP/SOIC/TSSOP、16-QFN/UQFN | (F)I/P=秋190              |
| PIC16(L)F1455 | "                    | "                  | "                 |                  | "                       | "                         | "     | 2    | "               | 10bit×5  | 5bit×1 | "       | "。<br>CWG有  | "                              | (F)I/P=秋210              |
| PIC16(L)F1459 | "                    | "                  | "                 |                  | "                       | "                         | 17(3) | 2    | "               | 10bit×9  | "      | "       | "。<br>CWG有  | 20-PDIP/SOIC/SOP/QFN/UQFN      | (F)I/SS=秋170、(F)I/P=秋200 |
| PIC16(L)F1503 | <a href="#">1503</a> | 2048               | 128               |                  | DC~20MHz                | 2.3~5.5V<br>(LF)=1.8~3.6V | 12(1) | 2    | 2/1             | 10bit×8  | 5bit×1 | 10bit×4 | CLK=Ext/内蔵(16MとOST,31kHz)選択(16M/8M/.../31kHz)。I/O=25mA、入TTL、出CMOS。ICSP。MSSP(I2C/SPI)、CWG×1、CLC×2、NCO×1  | 14-PDIP/SOIC/TSSOP、16-QFN/UQFN | (F)I/P=秋110、(F)I/SL=120  |
| PIC16(L)F1507 | <a href="#">1507</a> | 2048               | 128               | 128(HEF)         | DC~20MHz                | 2.3~5.5V<br>(LF)=1.8~3.6V | 18(1) | 無    | 2/1             | 10bit×12 |        | 10bit×4 | CLK=第1(Ext/Xtal)/内蔵(16MとOST,31kHz)選択(16M/8M/.../31kHz)。I/O=25mA、入TTL、出CMOS。ICSP。CWG×1、CLC×2、NCO×1   | 20-PDIP/SOIC/SOP/QFN/UQFN      |                          |
| PIC16(L)F1508 | <a href="#">1508</a> | 4096               | 256               |                  | DC~20MHz                | 2.3~5.5V<br>(LF)=1.8~3.6V | 18(1) | 2    | 2/1             | 10bit×12 | 5bit×1 | 10bit×4 | CLK=第1(Ext/Xtal/RC)/第2(Xtal=32768Hz)/内蔵(16MとOST,31kHz)選択(16M/8M/.../31kHz)、第1と第2は同じ端子。I/O=25mA、入TTL、出CMOS。ICSP。EUSART。MSSP(I2C/SPI)、CWG×1、CLC×4、NCO×1。XLP | 20-PDIP/SOIC/SOP/QFN/UQFN      | (F)I/P=秋130              |
| PIC16(L)F1509 | "                    | 8192               | 512               |                  | "                       | "                         | "     | "    | "               | "        | "      | "       | "   | "                              | (F)I/P=秋190              |
| PIC16(L)F1512 | <a href="#">1512</a> | 2048               | 128               | 128(HEF)         | DC~20MHz<br>16MHz(1.8V) | 2.3~5.5V<br>(LF)=1.8~3.6V | 25(1) |      | 2/1             | 10bit×17 |        | 2       | CLK=第1(Ext/Xtal/RC)/第2(Xtal=32768Hz)/内蔵(16MHzとOST,31.25kHz)選択(16M/8M/.../31.25kHz)。I/O=25mA、入TTL/ST、出CMOS。ICSP。EUSART×1。MSSP(I2C/SPI)。CCP。CVD。FVR         | 28-SPDIP/SOIC/SSOP/UQFN        |                          |
| PIC16(L)F1513 | "                    | 4096               | 256               | 128(HEF)         | "                       | "                         | 25(1) |      | 2/1             | 10bit×17 |        | 2       | "   | "                              |                          |
| PIC16(L)F1516 | <a href="#">1516</a> | 8192               | 512               |                  | DC~20MHz                | 2.3~5.5V<br>(LF)=1.8      | 25(1) |      | 2/1             | 10bit×17 |        |         | CLK=第1(Ext/Xtal/RC)/第2(Xtal=32768Hz)/内蔵(16MとOST,31.25kHz)選択(16M/8M/.../31.25kHz)。   | 28-SPDIP/SOIC/SSOP/UQFN        |                          |

|               |                      |       |      |              |              |                               |       |     |                   |              |   |                               |  |                                |                  |
|---------------|----------------------|-------|------|--------------|--------------|-------------------------------|-------|-----|-------------------|--------------|---|-------------------------------|--|--------------------------------|------------------|
|               |                      |       |      |              |              | ~3.6V                         |       |     |                   |              |   |                               | I/O=25mA、入TTL/ST、出CMOS。EUSART。I2C/SPI。C<br>CP×2。ICSP   |                                |                  |
| PIC16(L)F1517 | "                    | 8192  | 512  | "            | "            | "                             | 36(1) | 2/1 | 10bit×2<br>8      |              |   | "                             | 40-PDIP/UQFN、<br>44-TQFP   |                                |                  |
| PIC16(L)F1518 | "                    | 16384 | 1024 | "            | "            | "                             | 35(1) | 2/1 | 10bit×1<br>7      |              |   | "                             | 28-SPDIP/SOIC/<br>SSOP/UQFN  |                                |                  |
| PIC16(L)F1519 | "                    | 16384 | 1024 | "            | "            | "                             | 36(1) | 2/1 | 10bit×2<br>8      |              |   | "                             | 40-PDIP/UQFN、<br>44-TQFP   |                                |                  |
| PIC16(L)F1526 | <a href="#">1526</a> | 8192  | 768  | 128(HE<br>F) | DC~20M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 54(1) | 6/3 | 10bit×3<br>0      | 10bit<br>×10 | CLK=第1(Ext/Xtal3種/RC)/第2(Xtal=32768Hz)/内<br>蔵(16MHzとOST、31.25kHz)選択(16M/8M/…/31.25k<br>Hz)。I/O=25mA、入TTL/ST、出CMOS。EUSART×2。IC<br>SP。FVR。MSSP(I2C/SPI)×2。CCP | 64-TQFP/QFN                   |  |                                |                  |
| PIC16(L)F1527 | "                    | 16384 | 1536 | 128(" )      | "            | "                             | 54(1) | 6/3 | 10bit×3<br>0      | 10bit<br>×10 | "   | "                             |  |                                |                  |
| PIC16LF1554   | <a href="#">1554</a> | 4096  | 256  | 無            | DC~32M<br>Hz | 1.8~3.6V                      | 12(1) | 2/1 | 10bit×1<br>1      | ×2           | CLK=Ext/内蔵(16MHzとOST、31kHz)選択(16M/8M(4x<br>PLL可)/4M/…/31kHz)。I/O=LED-Drv、入TTL、出CMO<br>S。ICSP。FVR。CVD。EUSART×1。MSSP(SPI/I2C)<br>。容量センス×11                    | 14-PDIP/SOIC/T<br>SSOP、16-QFN |  |                                |                  |
| PIC16LF1559   | "                    | 8192  | 512  | 無            | "            | "                             | 18(1) | 2/1 | 10bit×1<br>7      | ×2           | "。<br>容量センス×17  | 20-PDIP/SSOP/Q<br>FN/UQFN     |  |                                |                  |
| PIC16LF1566   | <a href="#">1566</a> | 8192  | 1024 | 0            | DC~32M<br>Hz | 1.8~3.6V                      | 25(1) | 3/1 | 10bit×2<br>U×23ch | 10bit<br>×2  | CLK=Ext/内蔵(16MとOST、31kHz)選択(16M/8M(4xPL<br>L可)/4M/…/31kHz)。I/O=入TTL、出CMOS。ICSP。E<br>USART×1。MSSP(I2C/SPI)×2。CVD   | 28-SPDIP/SOIC/<br>SSOP/UQFN   | I/SP=秋15<br>0  |                                |                  |
| PIC16LF1567   | "                    | 8192  | 1024 | 0            | "            | "                             | 36(1) | 3/1 | 10bit×2<br>U×34   | 10bit<br>×2  | "   | 40-PDIP/UQFN、<br>44-TQFP      |  |                                |                  |
| PIC16(L)F1574 | <a href="#">1574</a> | 4096  | 512  | 128(HE<br>F) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12    | 2   | 2/1               | 10bit×8      | 5bit<br>×1  | 16bit<br>×4                   | CLK=Ext(4xPLL可)/内蔵(500kでPLLで16MHz、31kHz<br>)選択(16M/8M/…/31kHz)4xPLL可。ADC用600kHzOS<br>C。I/O=入TTL/ST、出CMOS、PPS。ICSP。FVR。CWG。<br>EUSART×1 | 14-PDIP/SOIC/T<br>SSOP、16-UQFN |                  |
| PIC16(L)F1575 | "                    | 8192  | 1024 | 128(" )      | "            | "                             | 12    | 2   | 2/1               | 10bit×8      | 5bit<br>×1  | 16bit<br>×4                   | "  |                                |                  |
| PIC16(L)F1578 | "                    | 4096  | 512  | 128(" )      | "            | "                             | 18    | 2   | 2/1               | 10bit×1<br>2 | 5bit<br>×1  | 16bit<br>×4                   | "  | 20-PDIP/SOIC/S<br>SOP/UQFN     |                  |
| PIC16(L)F1579 | "                    | 8192  | 1024 | 128(" )      | "            | "                             | 18    | 2   | 2/1               | 10bit×1<br>2 | 5bit<br>×1  | 16bit<br>×4                   | "  | "                              | (F) I/P=秋<br>140 |

|               |                      |      |      |            |          |                        |        |   |                  |              |        |         |   |                                |                               |
|---------------|----------------------|------|------|------------|----------|------------------------|--------|---|------------------|--------------|--------|---------|---|--------------------------------|-------------------------------|
| PIC16(L)F1613 | <a href="#">1612</a> | 2048 | 256  | 128 (HEF)  | DC~32MHz | 2.3~5.5V (LF)=1.8~3.6V | 12(1)  | 2 | 4/1              | 10bit×8      | 8bit   | 有       | CLK=Ext (4xPLL可)/内蔵(500kでPLLで16MHz、31kHz)選択(16M/8M/…/31kHz)4xPLL可。I/O=100mA有、入TTL/ST、出CMOS。PLL。CCP×2。セ`ロクロス。CWG。CRC。24bitSMT×2  | 14-PDIP/SOIC/TSSOP、16-QFN/UQFN | PDIP=秋80                      |
| PIC16(L)F1614 | <a href="#">1614</a> | 4096 | 512  | 128 (HEF)  | DC~32MHz | 2.3~5.5V (LF)=1.8~3.6V | 12(1)  | 2 | 4/3/2<br>4bit×2  | 10bit×8      | 8bit×1 | 10bit×2 | CLK=Ext (4xPLL可)/内蔵(500kでPLLで16MHz、31kHz)選択(16M/8M/…/31kHz)4xPLL可。I/O=100mA、入TTL/ST、出CMOS。PLL。CCP×2、セ`ロクロス、CWG、CLC×2、PPS、EUSART、I2C/SPI。Angularタイマ。   | 14-PDIP/SOIO/TSSOP、16-UQFN     | I/P:PDIP<br>秋80               |
| PIC16(L)F1618 | "                    | "    | "    | "          | "        | "                      | 18(1)  | " | "                | 10bit×1<br>2 | "      | "       | "   | 20-PDIP/SOIC/SOP/QFN/UQFN      | I/P:PDIP<br>秋80               |
| PIC16(L)F1615 | <a href="#">1615</a> | 8192 | 1024 | 1024 (HEF) | DC~32MHz | 2.3~5.5V (LF)=1.8~3.6V | 12(1)  | 2 | 4/3/2<br>4bitSMT | 10bit×8      | 8bit×1 | 10bit×2 | CLK=(Ext/Xtal)4xPLL可/内蔵(500kでPLLで16MHz、31k)選択(16M/8M/…/31kHz)4xPLL可、内蔵600kHz。I/O=100mA、入TTL/ST、出CMOS。PLL。ア`ラタイマ。セ`ロクロス。CCP×2。CWG×1。CLC×4。CRC。EUSART×1、I2C/SPI×1                                 | 14-PDIP/SOIOC/TSSOP、16-UQFN    | I/P:PDIP<br>秋80               |
| PIC16(L)F1619 | "                    | "    | "    | "          | "        | "                      | 18(1)  | " | "                | 10bit×1<br>2 | "      | "       | "   | 20-PDIP/SOIC/SOP/QFN/UQFN      | (F)I/P=秋<br>160               |
| PIC16(L)F1703 | <a href="#">1703</a> | 2048 | 256  | 128 (HEF)  | DC~32MHz | 2.3~5.5V (LF)=1.8~3.6V | 12(1?) | 無 | 2/1              | 10bit×8      | 無      | 無       | CLK=第2(Ext)/第1(Ext)4xPLL可能/内蔵(500k(PLLにて16MHz?)、31kHz)選択(16M/8M/4M/…/31kHz)4xPLL可。I/O=入TTL/ST、出CMOS、PPS。OpAmp×2。セ`ロクロス。CCP×2。COG無。EUSART無。CLC無。I2C/SPI  | 14-PDIP/SOIC/TSSOP、16-QFN      |                               |
| PIC16(L)F1707 | "                    | 2048 | 256  | 128 (" )   | "        | "                      | 18(1?) | 無 | 2/1              | 10bit×1<br>2 | 無      | 無       | "   | 20-PDIP/SOIC/SOP/QFN           |                               |
| PIC16(L)F1704 | <a href="#">1704</a> | 4096 | 512  | 128 (HEF)  | DC~32MHz | 2.3~5.5V (LF)=1.8~3.6V | 12(1)  | 2 | 4/1              | 10bit×8      | 8bit×1 | ×2      | CLK=第2(Xtal=32768Hz)/第1(Ext/Xtal/RC)4xPLL可/内蔵(500kでPLLで16MHz、31kHz)選択(16M/8M/4M/…/31kHz)4xPLL可。I/O=LED-Drv、入TTL/ST、出CMOS、PPS。ICSP。FVR。OpAmp×2。セ`ロクロス。CCP×2。COG×1。EUSART×1。MSSP(I2C/SPI)×1。CLC×3 | 14-PDIP/SOIC/TSSOP、16-QFN      |                               |
| PIC16(L)F1708 | "                    | 4096 | 512  | 128 (" )   | "        | "                      | 18(1)  | 2 | 4/1              | 10bit×1<br>2 | 8bit×1 | ×2      | "   | 20-PDIP/SOIC/SOP/QFN           |                               |
| PIC16(L)F1705 | <a href="#">1705</a> | 8192 | 1024 | 128 (HEF)  | DC~32MHz | 2.3~5.5V (LF)=1.8~3.6V | 12(1)  | 2 | 4/1              | 10bit×8      | 8bit×1 | 10bit×2 | CLK=第2(Xtal=32768Hz)/第1(Ext/Xtal/RC)4xPLL可/内蔵(500kでPLLで16M、31kHz)選択(16M/8M/…/31kHz)4xPLL可能。I/O=入TTL/ST、出CMOS。CCP×2  | 14-PDIP/SOIC/TSSOP、16-QFN      | (F)I/SL=<br>秋140、I/<br>P=秋150 |

|               |                      |       |      |            |              |                               |       |   |     |              |                            |                             |  |                             |                  |
|---------------|----------------------|-------|------|------------|--------------|-------------------------------|-------|---|-----|--------------|----------------------------|-----------------------------|--|-----------------------------|------------------|
|               |                      |       |      |            |              |                               |       |   |     |              |                            |                             | 。COG×1。EUSART。MSSP (I2C、SPI)。CLC×3。OpAmp×2。セ`ロクロス。PPS  |                             |                  |
| PIC16(L)F1709 | "                    | 8192  | 1024 | 128 ( " )  | "            | "                             | 18(1) | 2 | 4/1 | 10bit×1<br>2 | 8bit<br>×1                 | 10bit<br>×2                 | "  | 20-PDIP/SOIC/SOP/QFN        | (F) I/P=秋<br>150 |
| PIC16(L)F1713 | <a href="#">1713</a> | 4096  | 512  | 128 (HE F) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 25(1) | 2 | 4/1 | 10bit×1<br>7 | 5bit<br>×1<br>8bit<br>×1   | 10bit<br>×2                 | CLK=第2 (Xtal=32768Hz)/第1 (Ext/Xtal/RC) 4xPLL 可/内蔵 (500kでPLLで16kHz、31kHz) 選択 (16M/8M/.../31kHz) 4xPLL可。I/O=入TTL/ST、出CMOS、PPS。I CSP。セ`ロクロス。CCP×2。COG×1。EUSART×1。MSSP (I2C/SPI)×1。CLC×4。NCO×1             | 28-PDIP/SOIC/SOP/QFN/UQFN   |                  |
| PIC16(L)F1716 | "                    | 8192  | 1024 | 128 ( " )  | "            | "                             | 25(1) | 2 | 4/1 | 10bit×1<br>7 | 5bit<br>×1<br>8bit<br>×1   | 10bit<br>×2                 | "  | "                           |                  |
| PIC16(L)F1717 | <a href="#">1717</a> | 8192  | 1024 | 128 (HE F) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 36(1) | 2 | 4/1 | 10bit×2<br>8 | 5bit<br>×1<br>8bit<br>×1   | 10bit<br>×2                 | CLK=第2 (Xtal=32768Hz)/第1 (Ext/Xtal/RC) 4xPLL 可/内蔵 (500kでPLLで16MHz、31kHz) 選択 (16M/8M/.../31kHz) 4xPLL可。I/O=入TTL/ST、出CMOS、PPS。I CSP。OpAmp×2。セ`ロクロス。CCP×2。COG×1。EUSART×1。MSSP (I2C/SPI)×1。CLC×4。NCO×1。FVR | 40-PDIP/UQFN、<br>44-TQFP    |                  |
| PIC16(L)F1718 | "                    | 16384 | 2048 | 128 ( " )  | "            | "                             | 25(1) | 2 | 4/1 | 10bit×1<br>7 | 5bit<br>×1<br>8bit<br>×1   | 10bit<br>×2                 | "  | 28-SPDIP/SOIC/SSOP/QFN/UQFN |                  |
| PIC16(L)F1719 | "                    | 16384 | 2048 | 128 ( " )  | "            | "                             | 36(1) | 2 | 4/1 | 10bit×2<br>8 | 5bit<br>×1<br>8bit<br>×1   | 10bit<br>×2                 | "  |                             |                  |
| PIC16(L)F1764 | <a href="#">1705</a> | 4096  | 512  | 128 (HE F) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12    | 2 | 4/3 | 10bit×8      | 5bit<br>×1<br>、10bit<br>×1 | 10bit<br>×1、1<br>6bit<br>×1 | CLK=第2 (Xtal=32878Hz)/第1 (Ext/Xtal/RC) 4xPLL 可/内蔵 (500kでPLLで16MHz、31kHz) 選択 (16M/8M/...31kHz) 4xPLL可。I/O=100mA、入TTL/ST、出CMOS。ICSP。EUSART。I2C/SPI。CLC×3。セ`ロクロス。CCP×1。COG×1。テ`タ信号モジュレタ×1。OpAmp×1         | 14-PDIP/SOIC/TSSOP、16-QFN   |                  |
| PIC16(L)F1765 | "                    | 8192  | 1024 | "          | "            | "                             | 12    | " | "   | "            | "                          | "                           | "。   | "                           | (F) I/P=秋<br>150 |
| PIC16(L)F1768 | "                    | 4096  | 512  | "          | "            | "                             | 18    | " | "   | 10bit×1<br>2 | 5bit<br>×2<br>10bit        | 10bit<br>×2、1<br>6bit       | CCP×2。COG×2。テ`タ信号モジュレタ×2。OpAmp×2   | 20-PDIP/SOIC/SOP/QFN        |                  |

|               |                      |       |      |            |           |                        |        |   |     |          |                    |                     |  |                                 |               |              |
|---------------|----------------------|-------|------|------------|-----------|------------------------|--------|---|-----|----------|--------------------|---------------------|--|---------------------------------|---------------|--------------|
|               |                      |       |      |            |           |                        |        |   |     |          | ×2                 | ×2                  |  |                                 |               |              |
| PIC16(L)F1769 | "                    | 8192  | 1024 | "          | "         | "                      | 18     | " | "   | "        | "                  | "                   | "  | "                               | "             | (F) I/P=秋200 |
|               |                      |       |      |            |           |                        |        |   |     |          |                    |                     |  | CCP×2。COG×2。データ信号モジュラ×2。OpAmp×2 |               |              |
| PIC16(L)F1773 | <a href="#">1773</a> | 4096  | 512  | 128 (HE F) | DC~32M Hz | 2.3~5.5V (LF)=1.8~3.6V | 25     | 6 | 5/3 | 10bit×17 | 5bit×3<br>10bit×3  | 10bit×3<br>16bit×3  | CLK=第2 (Xtal=32768Hz)/第1 (Ext/Xtal/RC) 4xPLL可/内蔵 (500kでPLLで16MHz、31kHz) 選択 (16M/8M/.../31kHz) 4xPLL可。I/O=100mA含、入TTL/ST、出CMOS、PPS。ICSP。CCP×3。COG×3。CLC×4。OpAmp×3。セレクトロス。Rampシフト×3。EUSART×1。I2C/SPI×1。FVR。DSM | 28-SPDIP/SOIC/SSOP/UQFN         |               |              |
| PIC16(L)F1776 | "                    | 8192  | 1024 | 128 ( " )  | "         | "                      | 25     | 6 | 5/3 | 10bit×17 | 5bit×3<br>10bit×3  | 10bit×3<br>16bit×3  | "  | "                               |               |              |
| PIC16(L)F1777 | <a href="#">1777</a> | 8192  | 1024 | 128        | DC~32M Hz | 2.3~5.5V (LF)=1.8~3.6V | 36     | 8 | 5/3 | 10bit×28 | 5bit×4,1<br>0bit×4 | 10bit×4,1<br>6bit×4 | CLK=第2 (Xtal=32768Hz)/第1 (Ext/Xtal/RC) 4xPLL可/内蔵 (500kでPLLで16MHz、31kHz) 選択 (16M/8M/...31kHz) 4xPLL可。I/O=100? mA、入TTL/ST、出CMOS。CLC×4。セレクトロス。PRG×4。EUSART。PPS。I2C/SPI。CCP×4。COG×4。OpAmp×4                      | 40-PDIP/UQFN、44-TQFP/QFN        |               |              |
| PIC16(L)F1778 | "                    | 16384 | 2048 | "          | "         | "                      | 25     | 6 | "   | 10bit×17 | 5bit×3,1<br>0bit×3 | 10bit×3,1<br>6bit×3 | "  | 28-SPDIP/SOIC/SSOP/UQFN         | (F) I/SP=秋310 |              |
| PIC16(L)F1779 | "                    | "     | "    | "          | "         | "                      | 36     | 8 | "   | 10bit×28 | 5bit×4,1<br>0bit×4 | 10bit×4,1<br>6bit×4 | "  | 40-PDIP/UQFN、44-TQFP/QFN        | (F) I/P=秋300  |              |
| PIC16(L)F1782 | <a href="#">1782</a> | 2048  | 256  | 256        | DC~32M Hz | 2.3~5.5V (LF)=1.8~3.6V | 25     | 3 | 2/1 | 12bit×12 | 8bit×1             | 16bit×2<br>10bit×1  | CLK=第2 (Xtal=32768Hz)/第1 (Ext/Xtal/RC)/内蔵 (500kでPLLで16M、31kHz) 選択 (16M(4xPLL可)/8M/.../31kHz) 4xPLL可。I/O=入TTL/ST、出CMOS。OpAmp×2。PSMC×2。CCP×2。EUSART。I2C/SPI。PLL×4。ICSP   | 28-SPDIP/SOIC/SSOP/QFN/UQFN     |               |              |
| PIC16(L)F1783 | "                    | 4096  | 512  | "          | "         | "                      | "      | " | "   | "        | "                  | "                   | "  | "                               | (F) I/SP=秋200 |              |
| PIC16(L)F1784 | <a href="#">1784</a> | 4096  | 512  | 256        | DC~32M Hz | 2.3~5.5V (LF)=1.8      | 36 (1) | 4 | 2/1 | 12bit×15 | 8bit×1             | 16bit×2             | CLK=第2 (Xtal=32768Hz)/第1 (Ext/Xtal/RC) 4xPLL可/内蔵 (500kでPLLで16M、31kHz) 選択 (16M(4xPLL  | 40-PDIP/UQFN、44-QFN/TQFP        |               |              |

|               |                      |       |      |                 |              |                               |       |   |     |              |                          |   |   |  |                                  |
|---------------|----------------------|-------|------|-----------------|--------------|-------------------------------|-------|---|-----|--------------|--------------------------|---|---|--|----------------------------------|
|               |                      |       |      |                 |              | ~3.6V                         |       |   |     |              | 10bit<br>×1              | 可)/8M/…/31kHz)4xPLL可。I/O=LED直Drv. 入TTL/<br>ST、CMOS、0.D。PSMC×3。CCP×3。EUSART。I2C/<br>SPI。ICSP。<br>OpAmp×3 |   |  |                                  |
| PIC16(L)F1786 | "                    | 8192  | 1024 | "               | "            | "                             | 25(1) | " | 2/1 | 12bit×1<br>1 | "                        | "   | "。  | 28-SPDIP/SOIC/<br>SSOP/QFN             |                                  |
| PIC16(L)F1787 | "                    | "     | "    | "               | "            | "                             | 36(1) | " | 2/1 | 12bit×1<br>5 | "                        | "   | "。  | 40-PDIP/UQFN、<br>44-QFN/TQFP           |                                  |
| PIC16(L)F1788 | <a href="#">1788</a> | 16384 | 2048 | 256             | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 25(1) | 4 | 2/1 | 12bit×1<br>1 | 8bit<br>×1<br>5bit<br>×3 | 10bit<br>×2?  | CLK=第2(Xtal=32768Hz)/第1(Ext/Xtal/RC)4xPLL<br>可等/内蔵(500kでPLLで16MHz、31kHz)選択(16M(4x<br>PLL可等)/8M/…/31kHz)4xPLL可等。I/O=LED直Drv<br>.、入TTL/STL、出CMOS。ICSP。OpAmp×2。PSMC×4<br>。CCP×3。EUSART×1。I2C/SPI×1 | (F)I/SP=<br>秋230                       |                                  |
| PIC16(L)F1789 | "                    | 16384 | 2048 | 256             | "            | "                             | 36(1) | 4 | 2/1 | 12bit×1<br>5 | 8bit<br>×1<br>5bit<br>×3 | 10bit<br>×2?  | "   | 40-PDIP/UQFN、<br>44-QFN/TQFP           | (F)I/P=秋<br>280                  |
| PIC16(L)F1823 | <a href="#">1822</a> | 2048  | 128  | 256             | DC~32M<br>Hz | 1.8~5.5V<br>(LF)=1.8<br>~3.6V | 12(1) | 2 | 2/1 | 10bit×8      | 5bit                     | 有   | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz<br>PLL可)/4M/…/31kHz)。I/O=25mA、入TTL/ST、出CMO<br>S。CCP/ECCP。I2C/SPI。EUSART。SRラッチ(555タイマ<br>)。容量センス×8   | 14-PDIP/SOIC/T<br>SSOP、16-QFN/U<br>QFN | (F)I/P=秋<br>150、(F)I<br>/SL=秋110 |
| PIC16(L)F1824 | <a href="#">1824</a> | 4096  | 256  | 256             | DC~32M<br>Hz | 1.8~5.5V<br>(LF)=1.8<br>~3.6V | 12(1) | 2 | 4/1 | 10bit×8      |                          | 2   | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz<br>PLL可)/4M/…/31kHz)。I/O=25mA、入TTL、出CMOS。<br>EUSART。I2C/SPI。ECCP×2、CCP×2。SRラッチ(555タイ<br>マ)。PLL×4。I2C/SPI。<br>容量センス×8                                  | 14-PDIP/SOIC/T<br>SSOP、16-QFN          |                                  |
| PIC16(L)F1828 | "                    | "     | "    | "               | "            | "                             | 18(1) | " | "   | 10bit×1<br>2 |                          | "   | "。  | 20-PDIP/SOIC/S<br>SOP/QFN              | (F)I/P=秋<br>180                  |
| PIC16(L)F1825 | <a href="#">1825</a> | 8192  | 1024 | 256(EE<br>PROM) | DC~32M<br>Hz | 1.8~5.5V<br>(LF)=1.8<br>~3.6V | 12(1) | 2 | 4/1 | 10bit×8      |                          | 2   | CLK=第1(Ext/Xtal/RC)4xPLL可、第2(Xtal=32768Hz<br>PLL可)/4M/…/31kHz)。I/O=25mA、入TTL、出CMOS。<br>EUSART。ECCP×2、CCP×2。SRラッチ(555タイマ)。PLL<br>×4。ICSP。ECCP/CCP。FVR。<br>I2C/SPI×1。容量センス×8                      | 14-PDIP/SOIC/T<br>SSOP、16-QFN/U<br>QFN | (F)I/P=秋<br>180                  |



|               |                         |      |      |                  |              |                               |        |   |     |              |    |   |   |  |
|---------------|-------------------------|------|------|------------------|--------------|-------------------------------|--------|---|-----|--------------|----|---|---|--|
| PIC16(L)F1829 | "                       | 8192 | 1024 | 256              | "            | "                             | 18(1)  | 2 | 4/1 | 10bit×1<br>2 | 2  | "。<br>I2C/SPI×2。容量センス×12  | 20-PDIP/SOIC/S<br>SOP/QFN/UQFN                | (F) I/SO=<br>秋170、(F)<br>I/P=秋20<br>0  |
| PIC16F1829LIN | <a href="#">1829LIN</a> | 8192 | 1024 | 256 (EE<br>PROM) | DC~32M<br>Hz | 2.3~5.5V                      | 13(1)  | 2 | 4/1 | 10bit×9      | 2  | PIC16F1829と同じ。<br>5.0V-Reg(7.0~30.0V)   | 20-SSOP                                       |  |
| PIC16(L)F1826 | <a href="#">1826</a>    | 2048 | 256  | 256              |              | ?~5.5V<br>(LF)=1.8<br>~3.6V   | 16(1)  | 2 | 2/1 | 10bit×1<br>2 | 1? | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz<br>) /内蔵(500kでPLLで16MHz、31kHz)選択(16M/8M(4x<br>PLL可)/4M/.../31kHz)。I/O=入TTL、出CMOS。ICSP<br>。容量センス×12。EUSART。ECCP×1(+/-70)、CCP×0<br>。SRラッチ(555タイマー)。<br>I2C/SPI×1    | 18-PDIP/SOIC、<br>20-SSOP                      |  |
| PIC16(L)F1827 | "                       | 4096 | 384  | "                | "            | "                             | "      | " | "   | "            | 2  | "。<br>I2C/SPI×2   | 18-PDIP/SOIC、<br>20-SSOP                      | (F) I/P=秋<br>190、(LF)<br>I/SO=秋14<br>0、(F) I/S<br>S=秋150、<br>(F) I/SS=<br>秋10個140<br>0 |
| PIC16(L)F1847 | <a href="#">1847</a>    | 8192 | 1024 | 256 (EE<br>PROM) | ~32MHz       | 1.8~5.5V<br>(LF)=1.8<br>~3.6V | 16(1)  | 2 | 4/1 | 10bit×1<br>2 | 有  | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz<br>) /内蔵(500kでPLLで16MHz、31kHz)選択(16M/8M(4x<br>PLL可)/4M/.../31kHz)。I/O=25mA、入TTL、出CMOS。<br>ICSP。容量センス×12。EUSART×1。MSSP(I2C/SPI)<br>×2。ECCP3種計×4。SRラッチ(555タイマー)。FVR | 18-PDIP/SOIC、<br>20-SSOP、28-QF<br>N/UQFN/VQFN |  |
| PIC16LF1902   | <a href="#">1902</a>    | 2048 | 128  | 128 (HE<br>F)    | DC~20M<br>Hz | 1.8~3.6V                      | 25(1)  |   | 1/1 | 10bit×1<br>1 |    | CLK=第1(Ext)/第2(Xtal=32768Hz)/内蔵(16MHz+0<br>ST、31kHz)選択(16M/8M/4M/.../31kHz)。I/O=入TTL<br>/ST-1、出CMOS。ICSP。EUSART無。LCD(コマンド4×19、<br>計72seg)。FVR   | 28-PDIP/SOIC/S<br>SOP/UQFN                    |  |
| PIC16LF1903   | "                       | 4096 | 256  | 128 (" )         | "            | "                             | 25(1)  |   | 1/1 | 10bit×1<br>1 |    | "   | "   |  |
| PIC16LF1904   | <a href="#">1904</a>    | 4096 | 256  | 128 (HE<br>F)    | DC~20M<br>Hz | 1.8~3.6V                      | 36(1?) |   | 1/1 | 10bit×1<br>4 |    | CLK=第1(Ext)/第2(Xtal=32768Hz)/内蔵(16MHz+0<br>ST、31kHz)選択(16M/8M/.../31kHz)。I/O=25mA、入T<br>TL、出CMOS。ICSP。EUSART×1。FVR。<br>LCD(コマンド4×29、計116seg)  | 40-PDIP、44-TQ<br>FP、40-UQFN                   |  |
| PIC16LF1906   | "                       | 8192 | 512  | 128 (" )         | "            | "                             | 25(1?) |   | 1/1 | 10bit×1      |    | "。  | 28-PDIP/SOIC/S                                |  |

|               |                      |       |      |             |           |                        |        |   |     |          |      |       |   |                             |                           |
|---------------|----------------------|-------|------|-------------|-----------|------------------------|--------|---|-----|----------|------|-------|---|-----------------------------|---------------------------|
|               |                      |       |      | )           |           |                        | )      |   |     | 1        |      |       | LCD(コモン4×19、計72seg)   | SOP/UQFN                    |                           |
| PIC16LF1907   | "                    | 8192  | 512  | 128(" )     | "         | "                      | 36(1?) |   | 1/1 | 10bit×14 |      |       | "。<br>LCD(コモン4×29、計116seg)  |                             |                           |
| PIC16(L)F1933 | <a href="#">193x</a> | 4096  | 256  | 256         | DC~32M Hz | 1.8~5.5V (LF)=1.8~3.6V | 25(1)  | 2 | 4/1 | 10bit×11 | 5bit | 10bit | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/内蔵(16M、31k、500kHz)選択(16M/8M(4xPLL可)/4M/…/31kHz)。LED直Drv、入TTL/ST、出CMOS。LCDコントロール。CCP、ECCP。MSSP(SPI/I2C)。EUSART、SRラッチ(555タイマー)。容量センス                                     | 28-SPDIP/SOIC/SSOP/QFN/UQFN | (F)I/SP=秋220、(F)I/SO=秋170 |
| PIC16(L)F1934 | "                    | 4096  | 256  | 256         | "         | "                      | 36(1)  | 2 | 4/1 | 10bit×14 | 5bit | 10bit | "   | 40-PDIP、44-QFN/TQFP         |                           |
| PIC16(L)F1936 | "                    | 8192  | 512  | 256         | "         | "                      | 25(1)  | 2 | 4/1 | 10bit×11 | 5bit | 10bit | "   | 28-SPDIP/SOIC/SSOP/QFN/UQFN | (F)I/SP=秋260              |
| PIC16(L)F1937 | "                    | 8192  | 512  | 256         | "         | "                      | 36(1)  | 2 | 4/1 | 10bit×14 | 5bit | 10bit | "   | 40-PDIP、44-QFN/TQFP         | I/P=秋220                  |
| PIC16(L)F1938 | "                    | 16384 | 1024 | 256         | "         | "                      | 25(1)  | 2 | 4/1 | 10bit×11 | 5bit | 10bit | "   | 28-SPDIP/SOIC/SSOP/QFN/UQFN | (F)I/SP=秋320              |
| PIC16(L)F1939 | "                    | 16384 | 1024 | 256         | "         | "                      | 36(1)  | 2 | 4/1 | 10bit×14 | 5bit | 10bit | "   | 40-PDIP、44-QFN/TQFP         | (F)I/P=秋230、(F)I/PT=秋220  |
| PIC16(L)F1946 | <a href="#">1946</a> | 8192  | 512  | 256(EEPROM) | DC~32M Hz | 1.8~5.5V (LF)=1.8~3.6V | 54(1)  | 3 | 4/1 | 10bit×17 |      | 10bit | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/内蔵(500kでPLLで16MHz、31kHz)選択(16M/8M(4xPLL可)/4M/…/31kHz)。I/O=LED直Drv、入TTL/ST、出CMOS。容量センス×17。EUSART×2。MSSP(I2C/SPI)×2。ECCP×3。CCP×2。LCD(コモン4×46、計184seg)。SRラッチ(555タイマー)。FVR | 64-TQFP/QFN                 |                           |
| PIC16(L)F1947 | "                    | 16384 | 1024 | 256(" )     | "         | "                      | 54(1)  | 3 | 4/1 | 10bit×17 |      | 10bit | "   | "                           |                           |

2022.03.31

| 形名          | データシート                | プログラマ<br>Mem[Word] | データSRAM<br>[byte] | EEPROM<br>[byte] | 動作クロック   | Vdd      | I/O   | Cmp. | タイマ-8<br>/16bit | A/Dチャンネル         | D/A | PWM         | 他   | 外形                        | 価格 |
|-------------|-----------------------|--------------------|-------------------|------------------|----------|----------|-------|------|-----------------|------------------|-----|-------------|---|---------------------------|----|
| PIC16F15213 | <a href="#">15213</a> | 2048               | 256               |                  | DC~32MHz | 1.8~5.5V | 6(1)  |      | 1/2             | 10bit×5<br>/内部2  |     | 10bit<br>×2 | CLK=Ext/内蔵31kHz/内蔵(1M~32MHz)2xPLL可、内蔵より500k、31.25kHz作られる。I/O=25mA、入TTL/ST、出CMOS、PPS。CCP×2。ICSP。MSSP(SPI(スレーブ?)/I2C)×1。EUSART×1。FVR    | 8-SOIC/DFN                |    |
| PIC16F15214 | "                     | 4096               | 512               |                  | "        | "        | 6(1)  |      | 1/2             | 10bit×5<br>/内部2  |     | 10bit<br>×2 | "   | "                         |    |
| PIC16F15223 | "                     | 2048               | 256               |                  | "        | "        | 12(1) |      | 1/2             | 10bit×9<br>/内部2  |     | 10bit<br>×2 | "   | 14-TSSOP/SOIC<br>、16-VQFN |    |
| PIC16F15224 | "                     | 4096               | 512               |                  | "        | "        | 12(1) |      | 1/2             | 10bit×9<br>/内部2  |     | 10bit<br>×2 | "   | "                         |    |
| PIC16F15243 | "                     | 2048               | 256               |                  | "        | "        | 18(1) |      | 1/2             | 10bit×1<br>2/内部2 |     | 10bit<br>×2 | "   | 20-PDIP/SSOP/SOIC/VQFN    |    |
| PIC16F15244 | "                     | 4096               | 512               |                  | "        | "        | 18(1) |      | 1/2             | 10bit×1<br>2/内部2 |     | 10bit<br>×2 | "   | "                         |    |
| PIC16F15225 | <a href="#">15225</a> | 14kbyte            | 1024              |                  | DC~32MHz | 1.8~5.5V | 12(1) |      | 1/2             | 10bit×9<br>/内部2  |     | 10bit<br>×2 | CLK=Ext/内蔵31kHz/内蔵(1M~32MHz)2xPLL可、内蔵より500k、31.25kHz作られる。I/O=25mA、入TTL/ST、出CMOS/OD、PPS。ICSP。CCP×2。MSSP(SPI(スレーブ?)/I2C)×1。EUSART×1。FVR | 14-TSSOP/SOIC<br>、16-VQFN |    |
| PIC16F15245 | "                     | 14kbyte            | 1024              |                  | "        | "        | 18(1) |      | 1/2             | 10bit×1<br>2/内部2 |     | 10bit<br>×2 | "   | 20-PDIP/SSOP/SOIC/VQFN    |    |
| PIC16F15254 | <a href="#">15254</a> | 7kbyte             | 512               |                  | DC~32MHz | 1.8~5.5V | 26(1) |      | 1/2             | 10bit×1<br>7/内部2 |     | 10bit<br>×2 | CLK=Ext/内蔵31kHz/内蔵(1M~32MHz)2xPLL可、内蔵より500k、31.25kHz、1M作られる。I/O=25mA、入TTL/ST、出CMOS/OD、PPS。ICSP。CCP×2。MSSP×1。EUSART×1。FVR              | 28-SPDIP/SSOP/VQFN        |    |
| PIC16F15255 | "                     | 14kbyte            | 1024              |                  | "        | "        | 26(1) |      | 1/2             | 10bit×1<br>7/内部2 |     | 10bit<br>×2 | "   | "                         |    |
| PIC16F15256 | <a href="#">15256</a> | 16284              | 2048              |                  | DC~32MHz | 1.8~5.5V | 25(1) |      | 1/2             | 10bit×1<br>7/内部2 |     | 10bit<br>×2 | CLK=Ext/内蔵31kHz/内蔵(1M~32MHz)2xPLL可、内蔵より500k、31.25kHz作られる。I/O=25mA、入TTL/ST、出CMOS/OD、PPS。ICSP。CCP×2。MSSP×1。EUSART×1。FVR                 | 28-SOIC/SSOP/VQFN         |    |
| PIC16F15274 | "                     | 4096               | 512               |                  | "        | "        | 36(1) |      | 1/2             | 10bit×2<br>8/内部2 |     | 10bit<br>×2 | "   | 40-PDIP/VQFN/TQFP         |    |

|                |                       |       |      |                           |              |                               |       |   |     |                  |            |             |   |   |                 |
|----------------|-----------------------|-------|------|---------------------------|--------------|-------------------------------|-------|---|-----|------------------|------------|-------------|---|---|-----------------|
| PIC16F15275    | "                     | 8192  | 1024 |                           | "            | "                             | 36(1) |   | 1/2 | 10bit×2<br>8/内部2 |            | 10bit<br>×2 | "   | "   |                 |
| PIC16F15276    | "                     | 16384 | 2048 |                           | "            | "                             | 36(1) |   | 1/2 | 10bit×2<br>8/内部2 |            | 10bit<br>×2 | "   | "   |                 |
| PIC16(L)F15313 | <a href="#">15313</a> | 2048  | 256  | 224(SA<br>F)              | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 6     | 1 | 1/2 | 10bit×5          | 5bit<br>×1 | 10bit<br>×4 | CLK=(Ext/Xtal)4xPLL可/内蔵31kHz/内蔵(1M~32MHz)2xPLL可)をDiv、内蔵より500k、31.25kHz作られる。I/O=50mA、入TTL/ST、出CMOS/OD、PPS。CCP×2。CWG×1。NCO×1。CLC×4。セロカス。温度。EUSART×1。I2C/SPI×1。FVR                     | 8-PDIP/SOIC/UD<br>FN                          |                 |
| PIC16(L)F15323 | "                     | 2048  | 256  | 224( "<br>)               | "            | "                             | 12    | 2 | 1/2 | 10bit×1<br>1     | 5bit<br>×1 | 10bit<br>×4 | "   | 14-PDIP/SOIC/T<br>SSOP、16-UQFN                |                 |
| PIC16(L)F15324 | <a href="#">15324</a> | 4096  | 512  | 224(SA<br>F)              | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12    | 2 | 1/2 | 10bit×1<br>1     | 5bit<br>×1 | 10bit<br>×4 | CLK=(Ext/Xtal)4xPLL可/内蔵31kHz/内蔵(1M~31MHz)2xPLL可)でDiv、内蔵より500k、31.25kHz作られる。I/O=50mA、入TTL/ST、出CMOS/OD、PPS。CCP×2。CWG×1。NCO×1。CLC×4。セロカス。温度。EUSART×2。I2C/SPI×1                         | 14-PDIP/SOIC/T<br>SSOP、16-UQFN                |                 |
| PIC16(L)F15344 | "                     | 4096  | 512  | 224( "<br>)               | "            | "                             | 18    | 2 | 1/2 | 10bit×1<br>7     | 5bit<br>×1 | 10bit<br>×4 | "   | 20-PDIP/SOIC/S<br>SOP/UQFN                    |                 |
| PIC16(L)F15325 | <a href="#">15325</a> | 8192  | 1024 | 224(SA<br>F)              | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12    | 2 | 1/2 | 10bit×1<br>1     | 5bit<br>×1 | 10bit<br>×4 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)、内蔵31kHz/内蔵(1~32MHz)2xPLL可)でDiv、内蔵より500k、31.25kHz作られる。I/O=入TTL/ST、出CMOS。CCP×2。CWG×1。NCO×1。CLC×4。セロカス。温度。EUSART×2、I2C-SPI×1                  | 14-PDIP/SOIC/T<br>SSOP、16-UQFN                | (F)I/P=秋<br>140 |
| PIC16(L)F15345 | "                     | "     | "    | "                         | "            | "                             | 18    | " | 1/2 | 10bit×1<br>7     | "          | "           | "   | 20-PDIP/SOIC/S<br>SOP/UQFN                    |                 |
| PIC16(L)F15354 | <a href="#">15354</a> | 4096  | 512  | 224(SA<br>F(128.<br>HEF)) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 25    | 2 | 1/2 | 10bit×2<br>4     | 5bit<br>×1 | ×4          | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/内蔵31kHz/内蔵(1M~32MHz)2xPLL可)×Div、内蔵より500k、31.25kHz作られる。I/O=50mA、入TTL/ST、出CMOS/OD、PPS。CCP×2。CWG×1。NCO×1。CLC×4。セロカス。温度。EUSART×2。I2C/SPI×2。FVR | 28-PDIP/SOIC/S<br>SOP/UQFN(4×4/<br>UQFN(6×6)  |                 |
| PIC16(L)F15355 | "                     | 8192  | 1024 | 224( "<br>( " ))          | "            | "                             | 25    | 2 | 1/2 | 10bit×2<br>4     | 5bit<br>×1 | ×4          | "   | "   |                 |
| PIC16(L)F15356 | <a href="#">15356</a> | 16384 | 2048 | 224(SA<br>F(128.<br>HEF)) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 25    | 2 | 1/2 | 10bit×2<br>4     | 5bit<br>×1 | 10bit<br>×4 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/内蔵31kHz/内蔵(1M~32MHz)2xPLL可)×Div、内蔵より500kと31.25kHz作られる。I/O=50mA、入TTL/S  | 28-PDIP/SOIC/S<br>SOP/UQFN(4×4)<br>/UQFN(6×6) |                 |

|                |  |         |      |            |              |          |       |   |     |                            |            |             |  |                                |
|----------------|--|---------|------|------------|--------------|----------|-------|---|-----|----------------------------|------------|-------------|--|--------------------------------|
|                |  |         |      |            |              |          |       |   |     |                            |            |             | T、出CMOS/OD、PPS。CCP×2。CWG×1。NCO×1。CLC×4。セ`ロカス。温度。EUSART×2。I2C/SPI×2   |                                |
| PIC16(L)F15375 | "  | 8192    | 1024 | 224( "( )) | "            | "        | 36    | 2 | 1/2 | 10bit×3<br>5               | 5bit<br>×1 | 10bit<br>×4 | "  | 40-PDIP/UQFN、<br>44/TQFP/QFN   |
| PIC16(L)F15376 | "  | 16384   | 2048 | 224( "( )) | "            | "        | 36    | 2 | 1/2 | 10bit×3<br>5               | 5bit<br>×1 | 10bit<br>×4 | "  | "                              |
| PIC16(L)F15385 | "  | 8192    | 1024 | 224( "( )) | "            | "        | 44    | 2 | 1/2 | 10bit×4<br>3               | 5bit<br>×1 | 10bit<br>×4 | "  | 48-UQFN/TQFP                   |
| PIC16(L)F15386 | "  | 16384   | 2048 | 224( "( )) | "            | "        | 44    | 2 | 1/2 | 10bit×4<br>3               | 5bit<br>×1 | 10bit<br>×4 | "  | "                              |
| PIC16F17114    | <a href="#">171xxPB</a><br><a href="#">171xxPS</a> | 7kbyte  | 512  | (SAF)      | DC~32M<br>Hz | 1.8~5.5V | 6(1)  | 2 | 2/2 | 12bit×<br>外+5/外-<br>5/内7   | 8bit<br>×2 | 16bit<br>×2 | CLK=第1(Ext/Xtal)4xPLL可/第2(Ext/Xtal?=32kHz)/内蔵(~32MHz、31kHz)とOST。NCO=64MHz。I/O=入?、出CMOS/OD、PPS。ICSP。CCP×2。MSSP(SPI/I2C)×2。EUSART×2。NCO×1。CWG×1。CLC×4。FVR×2。OpAmp×1。セ`ロカス。32bitCRC。※資料不足 | 8-PDIP/SOIC                    |
| PIC16F17115    | "  | 14kbyte | 1024 | (")        | "            | "        | 6(1)  | 2 | 2/2 | 12bit×<br>外+5/外+<br>5/I7   | 8bit<br>×2 | 16bit<br>×2 | "  | "                              |
| PIC16F17124    | "  | 7kbyte  | 512  | (")        | "            | "        | 12(1) | 2 | 2/2 | 12bit×<br>外+11/外<br>+11/内7 | 8bit<br>×2 | 16bit<br>×2 | "  | 14-TSSOP/SOIC/<br>PDIP、16-VQFN |
| PIC16F17125    | "  | 14kbyte | 1024 | (")        | "            | "        | 12(1) | 2 | 2/2 | 12bit×<br>外+11/外<br>+11/内7 | 8bit<br>×2 | 16bit<br>×2 | "  | "                              |
| PIC16F17126    | "  | 28kbyte | 2048 | (")        | "            | "        | 12(1) | 2 | 2/2 | 12bit×<br>外+11/外<br>+11/内7 | 8bit<br>×2 | 16bit<br>×2 | "  | "                              |
| PIC16F17144    | "  | 7kbyte  | 512  | (")        | "            | "        | 18(1) | 2 | 2/2 | 12bit×<br>外+17/外<br>+17/内7 | 8bit<br>×2 | 16bit<br>×2 | "  | 28-PDIP/SSOP/S<br>OIC/VQFN     |
| PIC16F17145    | "  | 14kbyte | 1024 | (")        | "            | "        | 18(1) | 2 | 2/2 | 12bit×<br>外+17/外<br>+17/内7 | 8bit<br>×2 | 16bit<br>×2 | "  | "                              |
| PIC16F17146    | "  | 28kbyte | 2048 | (")        | "            | "        | 18(1) | 2 | 2/2 | 12bit×<br>外+17/外           | 8bit<br>×2 | 16bit<br>×2 | "  | "                              |

|              |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
|--------------|--|---------|------|-------------------|--------------|----------|-------|---|-----|----------------------------|------------|-------------|---|-----------------------------|--|
|              |  |         |      |                   |              |          |       |   |     | +17/内7                     |            |             |   |                             |  |
| PIC16F17154  | "  | 7kbyte  | 512  | (")               | "            | "        | 25(1) | 2 | 3/2 | 12bit×<br>外+24/外<br>+11/内7 | 8bit<br>×2 | 16bit<br>×4 | "   | 28-SPDIP/SOIC/<br>SSOP/VQFN |  |
| PIC16F17155  | "  | 14kbyte | 1024 | (")               | "            | "        | 25(1) | 2 | 3/2 | 12bit×<br>外+24/外<br>+11/内7 | 8bit<br>×2 | 16bit<br>×4 | "   | "                           |  |
| PIC16F17156  | "  | 28kbyte | 2048 | (")               | "            | "        | 25(1) | 2 | 3/2 | 12bit×<br>外+24/外<br>+11/内7 | 8bit<br>×2 | 16bit<br>×4 | "   | "                           |  |
| PIC16F17174  | "  | 7kbyte  | 512  | (")               | "            | "        | 36(1) | 2 | 3/2 | 12bit×<br>外+35/外<br>+16/内7 | 8bit<br>×2 | 16bit<br>×4 | "   | 40-PDIP/VQFN、<br>44-TQFP    |  |
| PIC16F17175  | "  | 14kbyte | 1024 | (")               | "            | "        | 36(1) | 2 | 3/2 | 12bit×<br>外+35/外<br>+16/内7 | 8bit<br>×2 | 16bit<br>×4 | "   | "                           |  |
| PIC16F17176  | "  | 28kbyte | 2048 | (")               | "            | "        | 36(1) | 2 | 3/2 | 12bit×<br>外+35/外<br>+16/内7 | 8bit<br>×2 | 16bit<br>×4 | "   | "                           |  |
| PIC16F18013● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18014● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18015● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18023● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18024● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18025● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18026● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18044● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18045● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18054● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18055● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18056● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18074● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18075● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18076● |  |         |      |                   |              |          |       |   |     |                            |            |             |   |                             |  |
| PIC16F18114  | <a href="#">181xxPB</a><br><a href="#">181xxPS</a> | 4096    | 512  | MAP、12<br>8. EEPR | DC~32M<br>Hz | 1.8~5.5V | 6(1)  | 2 | 2/2 | 12bit×<br>外+5/外-           | 8bit<br>×2 |             | CLK=第1(Ext/Xtal)4xPLL可/第2(Ext/Xtal=32kHz)<br>/内蔵(~32MHz)/内蔵31kHz。OST。I/O=出CMOS/OD | 8-SOIC/PDIP                 |  |

|             |   |       |      |                  |   |   |       |   |      |                             |            |  |                                |
|-------------|---|-------|------|------------------|---|---|-------|---|------|-----------------------------|------------|--|--------------------------------|
|             |   |       |      | OM               |   |   |       |   | 5/内7 |                             |            | 、PPS。 ICSP。 MSSP (I2C/SPI) ×2。 EUSART ×2。 NCO ×1。 CWG ×1。 CLC ×4。 FVR ×2。 ゼロクロス。 CRC。<br>※資料不足 |                                |
| PIC16F18115 | " | 8192  | 1024 | "、128<br>.EEPROM | " | " | 6(1)  | 2 | 2/2  | 12bit×<br>外+5/外-<br>5/内7    | 8bit<br>×2 | "  | "                              |
| PIC16F18124 | " | 4096  | 512  | "、128<br>.EEPROM | " | " | 12(1) | 2 | 2/2  | 12bit×<br>外+11/外-<br>-11/内7 | 8bit<br>×2 | "  | 14-TSSOP/SOIC/<br>PDIP、16-VQFN |
| PIC16F18125 | " | 8192  | 1024 | "、128<br>.EEPROM | " | " | 12(1) | 2 | 2/2  | 12bit×<br>外+11/外-<br>-11/内7 | 8bit<br>×2 | "  | "                              |
| PIC16F18126 | " | 16384 | 2048 | "、256<br>.EEPROM | " | " | 12(1) | 2 | 2/2  | 12bit×<br>外+11/外-<br>-11/内7 | 8bit<br>×2 | "  | "                              |
| PIC16F18144 | " | 4096  | 512  | "、128<br>.EEPROM | " | " | 18(1) | 2 | 2/2  | 12bit×<br>外+17/外-<br>-17/内7 | 8bit<br>×2 | "  | 20-PDIP/SSOP/S<br>OIC/VQFN     |
| PIC16F18145 | " | 8192  | 1024 | "、128<br>.EEPROM | " | " | 18(1) | 2 | 2/2  | 12bit×<br>外+17/外-<br>-17/内7 | 8bit<br>×2 | "  | "                              |
| PIC16F18146 | " | 16384 | 2048 | "、256<br>.EEPROM | " | " | 18(1) | 2 | 2/2  | 12bit×<br>外+17/外-<br>-17/内7 | 8bit<br>×2 | "  | "                              |
| PIC16F18154 | " | 4096  | 512  | "、128<br>.EEPROM | " | " | 25(1) | 2 | 4/2  | 12bit×<br>外+24/外-<br>-11/内7 | 8bit<br>×2 | "  | 28-SPDIP/SOIC/<br>SSOP/VQFN    |
| PIC16F18155 | " | 8192  | 1024 | "、128<br>.EEPROM | " | " | 25(1) | 2 | 4/2  | 12bit×<br>外+24/外-<br>-11/内7 | 8bit<br>×2 | "  | "                              |
| PIC16F18156 | " | 16384 | 2048 | "、256<br>.EEPROM | " | " | 25(1) | 2 | 4/2  | 12bit×<br>外+24/外-<br>-11/内7 | 8bit<br>×2 | "  | "                              |
| PIC16F18174 | " | 4096  | 512  | "、128<br>.EEPROM | " | " | 36(1) | 2 | 4/2  | 12bit×<br>外+35/外-<br>-16/内7 | 8bit<br>×2 | "  | 40-PDIP/VQFN、<br>44-TQFP       |

|                |                       |       |      |                  |              |                               |       |   |           |                            |            |             |  |                                |                 |
|----------------|-----------------------|-------|------|------------------|--------------|-------------------------------|-------|---|-----------|----------------------------|------------|-------------|--|--------------------------------|-----------------|
| PIC16F18175    | "                     | 8192  | 1024 | "、128<br>.EEPROM | "            | "                             | 36(1) | 2 | 4/2       | 12bit×<br>外+35/外<br>-16/内7 | 8bit<br>×2 | "           | "  |                                |                 |
| PIC16F18176    | "                     | 16384 | 2048 | "、256<br>.EEPROM | "            | "                             | 36(1) | 2 | 4/2       | 12bit×<br>外+35/外<br>-16/内7 | 8bit<br>×2 | "           | "  |                                |                 |
| PIC16(L)F18313 | <a href="#">18313</a> | 2048  | 256  | 256(EE<br>PROM)  | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 6     | 1 | 2/1       | 10bit×5                    | 5bit<br>×1 | 10bit<br>×2 | CLK=(第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/内蔵31kHz/内蔵(1~32MHz)2xPLL可)をDiv。I/O=入TTL/ST、出CMOS。CWG×1。CCP×2。NCO×1。EUSART×1。I2C/SPI×1/1。CLC×2。DSM×1。   | 8-PDIP/SOIC/UD<br>FN           | (F)I/P=11<br>0  |
| PIC16(L)F18323 | "                     | "     | "    | "                | "            | "                             | 12    | 2 | "         | 10bit×1<br>1               | "          | "           | "  | 14-PDIP/SOIC/T<br>SSOP、16-UQFN | (F)I/P=秋<br>100 |
| PIC16(L)F18324 | <a href="#">18324</a> | 8192  | 1024 | 256(EE<br>PROM)  | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12    | 2 | 4/3       | 10bit×1<br>1               | 5bit<br>×1 | 10bit<br>×2 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/内蔵31kHz/内蔵(1M~32MHz)2xPLL可)をDiv。I/O=入TTL/ST、出CMOS、PPS。CWG×2。クロックRef×1。CCP×4。NCO×1。EUSART×1。I2C/SPI×2/2。CLC×4。DSM×1。FVR                            | 14-PDIP/SOIC/T<br>SSOP、16-UQFN |                 |
| PIC16(L)F18344 | "                     | 8192  | 1024 | 256(" )          | "            | "                             | 18    | 2 | 4/3       | 10bit×1<br>7               | 5bit<br>×1 | 10bit<br>×2 | "  | 20-PDIP/SOIC/S<br>SOP/UQFN     |                 |
| PIC16(L)F18325 | <a href="#">18325</a> | 8192  | 1024 | 256(EE<br>PROM)  | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12    | 2 | 4/3       | 10bit×1<br>1               | 5bit<br>×1 | 10bit<br>×2 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/内蔵31kHz/内蔵(1~32MHz)2xPLL可)をDiv。I/O=入TTL/ST、出CMOS。CWG×2。CCP×4。NCO×1。EUSART×1。I2C/SPI×2。CLC×4。DSM×1。  | 14-PDIP/SOIC/T<br>SSOP、16-UQFN | (F)I/P=秋<br>150 |
| PIC16(L)F18345 | "                     | "     | "    | "                | "            | "                             | 18    | " | "         | 10bit×1<br>7               | "          | "           | "  | 20-PDIP/SOIC/S<br>SOP/UQFN     |                 |
| PIC16(L)F18326 | <a href="#">18326</a> | 16384 | 2048 | 256(EE<br>PROM)  | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12    | 2 | 4?/4<br>? | 10bit×1<br>1               | 5bit<br>×1 | 2           | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/内蔵31kHz/内蔵(1~32MHz))をDiv。I/O=入TTL/ST、出CMOS。CCP×4。CWG×2。EUSART×1。I2C×2、SPI×2。CLC×4。NCO×1。DSM   | 14-PDIP/SOIC/T<br>SSOP、16-UQFN | (F)I/P=秋<br>170 |
| PIC16(L)F18346 | "                     | "     | "    | "                | "            | "                             | 18    | " | "         | 10bit×1<br>7               | "          | "           | "  | 20-PDIP/SOIC/S<br>SOP/UQFN     | (F)I/P=秋<br>210 |
| PIC16(L)F18424 | <a href="#">18424</a> | 4096  | 512  | 256(EE<br>PROM)  | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12    | 2 | 4/4       | 12bit×1<br>1               | 5bit<br>×1 | 10bit<br>×2 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/内蔵(31kHz)/内蔵(1M~32MHz)2xPLL可)×Div。I/O=50mA、入TTL/ST、出CMOS、PPS。CWG×2。クロックRef×1。CCP×4。NCO×1。EUSART×1。MSSP(I2C(マスター/スレーブ)/SPI)×1。CLC×4。DSM×1。MAP、DIA。 | 14-PDIP/SOIC/T<br>SSOP、16-UQFN | I/P=秋130        |



|                |                       |       |      |              |              |                               |    |   |       |              |            |             |   |  |                   |
|----------------|-----------------------|-------|------|--------------|--------------|-------------------------------|----|---|-------|--------------|------------|-------------|---|--|-------------------|
|                |                       |       |      |              |              |                               |    |   |       |              |            |             | セ`ロクロス。温度セン。FVR。24bitSMT  |  |                   |
| PIC16(L)F18444 | "                     | 4096  | 512  | 256( " )     | "            | "                             | 18 | 2 | 4/4   | 12bit×1<br>7 | 5bit<br>×1 | 10bit<br>×2 | "   | 20-PDIP/SOIC/S<br>SOP/UQFN             |                   |
| PIC16(L)F18425 | <a href="#">18424</a> | 8192  | 1024 | 256(EE PROM) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12 | 2 | 4/4   | 12bit×1<br>1 | 5bit<br>×1 | 10bit<br>×2 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(31kHz)/内蔵(1M~32MHz)2xPLL可)×Div。I/<br>0=50mA、入TTL/ST、出、PPS。CWG×2。クロックRef。CCP<br>×4。NCO×1。EUSART×1。MSSP(I2C(マスター/スレーフ`)<br>/SPI)×2。CLC×4。DSM×1。MAP、DIA。24bitSMT<br>。セ`ロクロス。温度セン。FVR         | 14-PDIP/SOIC/T<br>SSOP、16-UQFN         |                   |
| PIC16(L)F18445 | "                     | 8192  | 1024 | 256( " )     | "            | "                             | 18 | 2 | 4/4   | 12bit×1<br>7 | 5bit<br>×1 | 10bit<br>×2 | "   | 20-PDIP/SOIC/S<br>SOP/UQFN             |                   |
| PIC16(L)F18426 | <a href="#">18426</a> | 16384 | 2048 | 256(EE PROM) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 12 | 2 | 4/4   | 12bit×1<br>1 | 5bit<br>×1 | 10bit<br>×2 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(31kHz)/内蔵(1M~32MHz)2xPLL可)×Div。I/<br>0=50mA、入TTL/ST、出CMOS/OD、PPS。CWG×2。クロック<br>ef×1。CCP×4。NCO×1。EUSART×1。MSSP(I2C(ホ<br>スト/クライアント)/SPI)×2。CLC×4。DSM×1。MAP、DIA<br>。24bitSMT。セ`ロクロス。温度セン。FVR | 14-PDIP/SOIC/T<br>SSOP、16-QFN/U<br>QFN |                   |
| PIC16(L)F18446 | "                     | 16384 | 2048 | 256( " )     | "            | "                             | 18 | 2 | 4/4   | 12bit×1<br>7 | 5bit<br>×1 | 10bit<br>×2 | "   | 20-PDIP/SOIC/S<br>SOP/UQFN             |                   |
| PIC16(L)F18455 | <a href="#">18455</a> | 8192  | 1024 | 256(EE PROM) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 26 | 2 | 4/4/2 | 12bit×2<br>4 | 5bit<br>×1 | 10bit<br>×2 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32kHz)/内<br>蔵31kHz/内蔵(1~32MHz)2xPLL可)をDiv。I/0=入T<br>TL/ST、出CMOS。CWG×3。CCP×5。NCO×1。EUSART<br>×2。I2C(マスター/スレーフ`)/SPI×2。CLC×4。DSM×1<br>。セ`ロクロス   | 28-PDIP/SSOP/S<br>OIC/VQFN             |                   |
| PIC16(L)F18456 | "                     | 16384 | 2048 | "            | "            | "                             | 26 | " | "     | "            | "          | "           | "   | "                                      | (F) I/SP=<br>秋170 |
| PIC16(L)F18854 | <a href="#">18854</a> | 4096  | 512  | 256(EE PROM) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 25 | 2 | 3/4/2 | 10bit×2<br>4 | 5bit<br>×1 | 10bit<br>×2 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵31kHz/内蔵(1~32MHz)2xPLL可)をDiv。SMT×<br>2。I/0=入TTL/ST、出CMOS/OD、PPS。WWT。CRC+MS。<br>CCP/PWW×5/2。セ`ロクロス。CWG×3。NCO×1。CLC×4<br>。DSM×1。EUSART。I2C(ホスト/クライアント)/SPI×1/2                               | 28-PDIP/SPDIP/<br>SOIC/SSOP            |                   |
| PIC16(L)F18855 | <a href="#">18855</a> | 8192  | 1024 | 256(EE PROM) | DC~32M<br>Hz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 25 | 2 | 3/4/2 | 10bit×2<br>4 | 5bit<br>×1 | 10bit<br>×2 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵31kHz/内蔵(1~32MHz)2xPLL可)をDiv、内蔵よ<br>り500kと31.25kHz作られる。I/0=入TTL/ST、出CMO<br>S/OD、PPS。WWT。CRC+MS。CCP/PWW×5/2。セ`ロクロス<br>。CWG×3。NCO×1。CLC×4。DSM×1。EUSART。I2                                    | 28-PDIP/SPDIP/<br>SOIC/SSOP            |                   |



|                |                       |       |      |                   |          |                        |    |   |     |          |        |         |   |                  |  |
|----------------|-----------------------|-------|------|-------------------|----------|------------------------|----|---|-----|----------|--------|---------|---|------------------|--|
|                |                       |       |      |                   |          |                        |    |   |     |          |        |         | LCDセグメント=248  |                  |  |
| PIC16(L)F19195 | <a href="#">19195</a> | 8192  | 1024 | 256 (Data EEPROM) | DC~32MHz | 2.3~5.5V (LF)=1.8~3.6V | 59 | 2 | 2/2 | 12bit×45 | 5bit×1 | 10bit×2 | CLK=(第1(Ext)4xPLL可/第2(Xtal=32768Hz)/内蔵(31kHz)/内蔵(1M~32MHz)2xPLL可)をDiv. I/O=50mA、入TTL/ST、出CMOS/OD、PPS。CCP×2。CWG×1。CLC×4。セロクロス。温度センス。MAP、DIA。EUSART×2、I2C(ホスト/クライアント)/SPI×1。LCD360seg、LCDチャージホング/ハイアスGene。FVR | 64-TQFP/QFN/VQFN |  |
| PIC16(L)F19196 | "                     | 16384 | 2048 | 256 ( " )         | "        | "                      | 59 | 2 | 2/2 | 12bit×45 | 5bit×1 | 10bit×2 | "   | "                |  |
| PIC16(L)F19197 | "                     | 32768 | 4096 | 256 ( " )         | "        | "                      | 59 | 2 | 2/2 | 12bit×45 | 5bit×1 | 10bit×2 | "   | "                |  |



|                |                       |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
|----------------|-----------------------|-------|----------------|--|-------|----------|----|---|-----|---------------|---|---|----------------------------|-------------------|--|--|--|--|--|
| PIC18F66J11    | <a href="#">66J11</a> |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F66J16    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F67J11    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F86J11    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F86J16    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F87J11    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18(L)F26J13 | <a href="#">26J13</a> |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18(L)F27J13 | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18(L)F46J13 | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18(L)F47J13 | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18(L)F24J50 | <a href="#">24J50</a> | 8192  | 3776           |  | 48MHz | 2.0~3.6V | 16 | 2 | 2/3 | 10bit<br>×10  | 2 | CLK=第1(Ext/Xtal)PLL可とDiv/第2(Xtal=32768Hz)/<br>内蔵(8M(PLL可)、31kHz)をDiv。I/O=25mA(PB、PC)、入<br>TL/ST含/5.5VDig含。ICSP。2.5V-Reg。USB。RTCC。E<br>CCP。MSSP(SPIとDMA/I2C(マスター/スレーブ))×2。EUSART<br>×2。CTMU。<br>PMP/PSP無 | 28-SPDIP/SOIC/<br>SSOP/QFN |                   |  |  |  |  |  |
| PIC18(L)F25J50 | "                     | 16384 | 3776           |  |       |          | 16 | 2 | 2/3 | 10bit<br>×10  | 2 | "。<br>PMP/PSP無  | "                          | (F) I/SP=<br>秋230 |  |  |  |  |  |
| PIC18(L)F26J50 | "                     | 32768 | 3776           |  |       |          | 16 | 2 | 2/3 | 10bit<br>×10  | 2 | "<br>PMP/PSP無   | "                          | (F) I/SP=<br>秋260 |  |  |  |  |  |
| PIC18(L)F44J50 | "                     | 8192  | 3776           |  |       |          | 22 | 2 | 2/3 | 10bit<br>×13  | 2 | "<br>PMP/PSP有   | 44-QFN/TQFP                |                   |  |  |  |  |  |
| PIC18(L)F45J50 | "                     | 16384 | 3776           |  |       |          | 22 | 2 | 2/3 | 10bit<br>×13  | 2 | "<br>PMP/PSP有   |                            |                   |  |  |  |  |  |
| PIC18(L)F46J50 | "                     | 32768 | 3776           |  |       |          | 22 | 2 | 2/3 | 10bit<br>×13  | 2 | "<br>PMP/PSP有   |                            |                   |  |  |  |  |  |
| PIC18F65J50    | <a href="#">65J50</a> |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F66J50    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F66J55    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F67J50    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F85J50    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F86J50    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F86J55    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18F87J50    | "                     |       |                |  |       |          |    |   |     |               |   |   |                            |                   |  |  |  |  |  |
| PIC18(L)F26J53 | <a href="#">26J53</a> | 32768 | 3.8k(U<br>SB含) |  | 48MHz | 2.0~3.6V | 16 | 3 | 4/4 | 10/12<br>bit× | 有 | CLK=(第1(Ext/Xtal)PLLプ <sup>レ</sup> リスケ- <sup>ラ</sup> 可とDiv/第2(Xtal=3<br>2768Hz)/内蔵(8M(PLLプ <sup>レ</sup> リスケ- <sup>ラ</sup> 可とDiv)、31kHz)をDiv   | 28-QFN/SPDIP/S<br>OIC/SSOP |                   |  |  |  |  |  |





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| 形名             | データシート                | プログラマ<br>Mem[Word] | データSR<br>AM<br>[byte] | EEPROM<br>[byte] | 動作クロック   | Vdd                           | I/O<br>(内入力) | Cmp | タイマー<br>8/16bit | A/Dチャ<br>ンネル | D/A  | PWM | 他  | 外形                              | 価格               |
|----------------|-----------------------|--------------------|-----------------------|------------------|----------|-------------------------------|--------------|-----|-----------------|--------------|------|-----|--|---------------------------------|------------------|
| PIC18F23K20    | <a href="#">23K20</a> | 4096               | 512                   | 256              | DC~64MHz | 1.8~3.6V                      | 25(1)        | 2   | 1/3             | 10bit<br>×11 |      |     | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(16M、31kHz)選択(16M(4xPLL可)/8M(4xPLL可)/4M<br>/…/31kHz)。I/O=25mA、入TTL/ST含。ICSP。CCP×1、E<br>CCE×1。MSSP(SPI/I2C(マスター/スレーブ))。EUSART×1。F<br>VR  | 28-SPDIP/SOIC/<br>SSOP/QFN/UQFN |                  |
| PIC18F24K20    | ''                    | 8192               | 768                   | 256              | ''       | ''                            | 25(1)        | 2   | 1/3             | 10bit<br>×11 |      |     | ''   | ''                              | I/SP=秋23<br>0    |
| PIC18F25K20    | ''                    | 16384              | 1536                  | 256              | ''       | ''                            | 25(1)        | 2   | 1/3             | 10bit<br>×11 |      |     | ''   | ''                              |                  |
| PIC18F26K20    | ''                    | 32768              | 3936                  | 1024             | ''       | ''                            | 25(1)        | 2   | 1/3             | 10bit<br>×11 |      |     | ''   | ''                              | I/SP=秋32<br>0    |
| PIC18F43K20    | ''                    | 4096               | 512                   | 256              | ''       | ''                            | 36(1)        | 2   | 1/3             | 10bit<br>×14 |      |     | ''   | 40-PDIP/UQFN、<br>44-QFN/TQFP    |                  |
| PIC18F44K20    | ''                    | 8192               | 768                   | 256              | ''       | ''                            | 36(1)        | 2   | 1/3             | 10bit<br>×14 |      |     | ''   | ''                              |                  |
| PIC18F45K20    | ''                    | 16384              | 1536                  | 256              | ''       | ''                            | 36(1)        | 2   | 1/3             | 10bit<br>×14 |      |     | ''   | ''                              | I/P=秋180         |
| PIC18F46K20    | ''                    | 32768              | 3936                  | 1024             | ''       | ''                            | 36(1)        | 2   | 1/3             | 10bit<br>×14 |      |     | ''   | ''                              |                  |
| PIC18(L)F13K22 | <a href="#">13K22</a> | 4096               | 256                   | 256              | DC~64MHz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 18(1)        | 2   | 1/3             | 10bit<br>×12 | 5bit | 有   | CLK=第1第2共通(Ext/Xtal/RC)4xPLL可/内蔵(16M、31k<br>Hz)選択(16M(4xPLL可)/8M(4xPLL可)/4M/…/31kHz)。<br>I/O=25mA、入TTL/ST含。ICSP。ECCP×1。MSSP(SPI/I2<br>C(マスター/スレーブ)×1。EUSART×1。SRタッチ(555タイマー)。FV<br>R。容量センス                                     | 20-PDIP/SSOP/S<br>OIC/QFN       | (F)I/P=秋<br>250  |
| PIC18(L)F14K22 | ''                    | 8192               | 512                   | 256              | ''       | ''                            | 18(1)        | 2   | 1/3             | 10bit<br>×12 | 5bit | 有   | ''   | ''                              | (F)I/P=秋<br>190  |
| PIC18(L)F23K22 | <a href="#">23K22</a> | 4096               | 512                   | 256              | 64MHz    |                               | 25(1)        | 2   | 3/4             | 10bit<br>×19 | 5bit |     | CLK=第2(Xtal=32kHz)/第1(Xtal)4xPLL可/内蔵(16M(5<br>00kHzより)、31.25kHz)選択(16M/8M/4M/2M/…/31.25k<br>Hz)4xPLL可。I/O=25mA、入TTL/ST含。CCP×2。MSSP(S<br>PI×2/I2C(ホスト/クライアント)×2)。EUSART×2。CTMU。SR<br>タッチ。FVR。HLVD。<br>ECCP×1(フルブリッジ)/2(ハーフブリッジ) | 28-PDIP/SOIC/S<br>SOP/QFN/UQFN  | (F)I/SP=<br>秋200 |



|                |                       |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
|----------------|-----------------------|-------|------|------|-------|-------------------------------|-------|---|-----|--------------|------------|-------------|---|---------------------------------|-------------------|
| PIC18(L)F24K22 | "                     | 8192  | 768  | 256  | "     |                               | 25(1) | 2 | 3/4 | 10bit<br>×19 | 5bit       |             | "。<br>ECCP×1(フルフリップ) / 2(ハーフリップ)  | "                               |                   |
| PIC18(L)F25K22 | "                     | 16384 | 1536 | 256  | "     |                               | 25(1) | 2 | 3/4 | 10bit<br>×19 | 5bit       |             | "。<br>ECCP×1(フルフリップ) / 2(ハーフリップ)  | "                               | (F) I/SP=<br>秋280 |
| PIC18(L)F26K22 | "                     | 32768 | 3896 | 1024 | "     |                               | 25(1) | 2 | 3/4 | 10bit<br>×19 | 5bit       |             | "。<br>ECCP×1(フルフリップ) / 2(ハーフリップ)  | "                               | (F) I/SP=<br>秋390 |
| PIC18(L)F43K22 | "                     | 4096  | 512  | 256  | "     |                               | 36(1) | 2 | 3/4 | 10bit<br>×30 | 5bit       |             | "。<br>ECCP×2(フルフリップ) / 1(ハーフリップ)  | 40-PDIP/UQFN、<br>44-TQFP/QFN    |                   |
| PIC18(L)F44K22 | "                     | 8192  | 768  | 256  | "     |                               | 36(1) | 2 | 3/4 | 10bit<br>×30 | 5bit       |             | "。<br>ECCP×2(フルフリップ) / 1(ハーフリップ)  | "                               |                   |
| PIC18(L)F45K22 | "                     | 16384 | 1536 | 256  | "     |                               | 36(1) | 2 | 3/4 | 10bit<br>×30 | 5bit       |             | "。<br>ECCP×2(フルフリップ) / 1(ハーフリップ)  | "                               |                   |
| PIC18(L)F46K22 | "                     | 32768 | 3896 | 1024 | "     |                               | 36(1) | 2 | 3/4 | 10bit<br>×30 | 5bit       |             | "。<br>ECCP×2(フルフリップ) / 1(ハーフリップ)  | "                               | (F) I/P=秋<br>440  |
| PIC18F65K22    | <a href="#">65K22</a> |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18F66K22    | "                     |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18F67K22    | "                     |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18F85K22    | "                     |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18F86K22    | "                     |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18F87K22    | "                     |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18(L)F24K40 | <a href="#">24K40</a> |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18(L)F25K40 | "                     |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18(L)F26K40 | <a href="#">26K40</a> |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18(L)F45K40 | "                     |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18(L)F46K40 | "                     |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18(L)F27K40 | <a href="#">27K40</a> |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18(L)F47K40 | "                     |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18F65K40●   |                       |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18F66K40●   |                       |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18F67K40●   |                       |       |      |      |       |                               |       |   |     |              |            |             |   |                                 |                   |
| PIC18(L)F24K42 | <a href="#">24K42</a> | 8192  | 1024 | 256  | 64MHz | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 25    | 2 | 3/4 | 12bit<br>×24 | 5bit<br>×1 | 10bit<br>×4 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/内蔵(31kHz、1M~64MHz))をDiv。内蔵64MHz部より31.25k、500kHz作られる。OST。I/O=入TTL/ST、出CMOS/OD、PPS。SMT。CCP×4。CWG×3。NCO×1。CLC×4。セレクトロニクス。DMA×2。MAP、DIA。ベクトル割り込み。UART×2。I2C/SPI×2/1。CRC。CVD。FVR。 | 28-SPDIP/SOIC/<br>SSOP/QFN/UQFN |                   |

|                |                       |       |            |             |                      |                               |       |   |     |              |            |             |  |  |   |
|----------------|-----------------------|-------|------------|-------------|----------------------|-------------------------------|-------|---|-----|--------------|------------|-------------|--|--|---|
| PIC18(L)F25K42 | "                     | 16384 | 2048       | 256         | "                    | "                             | 25    | 2 | 3/4 | 12bit<br>×24 | 5bit<br>×1 | 10bit<br>×4 | "  | "  | (F) I/SP=<br>秋290   |
| PIC18(L)F26K42 | <a href="#">26K42</a> | 32768 | 4096       | 1024        | 64MHz                | 2.3~5.5V<br>(LF)=1.8<br>~3.6V | 25(1) | 2 | 3/4 | 12bit<br>×24 | 5bit<br>×1 | 10bit<br>×4 | CLK=(第1(Ext/Xtal)4xPLL可/第2(Xtal=32768Hz)/内蔵(31k、1M~64MHz))をDiv、内蔵より31.25k、500kHz作られる。OST。I/O=50mA、入TTL/ST、出CMOS/OD、PPS。ICSP。24bitSMT。CCP×4。CWG×3。NCO×1。CLC×4。ゼロクロス。DMA×2。MAP、DIA。ペクトル割り込み。UART×2。I2C/SPI×2/1。CRC。FVR | 28-SPDIP/SOIC/<br>SSOP/QFN/UQFN          |   |
| PIC18(L)F27K42 | "                     | 65536 | 8192       | 1024        | "                    | "                             | 25(1) | 2 | 3/4 | 12bit<br>×24 | 5bit<br>×1 | 10bit<br>×4 | "  | "  |   |
| PIC18(L)F45K42 | "                     | 16384 | 2048       | 256         | "                    | "                             | 36(1) | 2 | 3/4 | 12bit<br>×35 | 5bit<br>×1 | 10bit<br>×4 | "  | 40-PDIP/UQFN、<br>44-QFN/TQFP             |   |
| PIC18(L)F46K42 | "                     | 32768 | 4096       | 1024        | "                    | "                             | 36(1) | 2 | 3/4 | 12bit<br>×35 | 5bit<br>×1 | 10bit<br>×4 | "  | "  |   |
| PIC18(L)F47K42 | "                     | 65536 | 8192       | 1024        | "                    | "                             | 36(1) | 2 | 3/4 | 12bit<br>×35 | 5bit<br>×1 | 10bit<br>×4 | "  | "  | (F) I/P=秋<br>340  |
| PIC18(L)F55K42 | "                     | 16384 | 2048       | 256         | "                    | "                             | 44(1) | 2 | 3/4 | 12bit<br>×43 | 5bit<br>×1 | 10bit<br>×4 | "  | 48-TQFP/UQFN/V<br>QFN                    |   |
| PIC18(L)F56K42 | "                     | 32768 | 4096       | 1024        | "                    | "                             | 44(1) | 2 | 3/4 | 12bit<br>×43 | 5bit<br>×1 | 10bit<br>×4 | "  | "  |   |
| PIC18(L)F57K42 | "                     | 65536 | 8192       | 1024        | "                    | "                             | 44(1) | 2 | 3/4 | 12bit<br>×43 | 5bit<br>×1 | 10bit<br>×4 | "  | "  |   |
| PIC18(L)F13K50 | <a href="#">1xK50</a> | 4096  | 512(USB用含) | 256(EEPROM) | 48MHz<br>20MHz(1.8V) | 1.8~5.5V<br>(LF)=1.8<br>~3.6V | 15(1) | 2 | 1/3 | 10bit<br>×11 |            | 1           | CLK=第1(Ext/Xtal/RC)4xPLL可とDiv/内蔵(16MHz、31kHz)選択(16M/8M(4xPLL可とDiv)/4M/.../31kHz)/第2(Xtal=32768Hz)。I/O=25mA、入TTL/ST、出CMOS。ECCP。MSSP(SPI/I2C(マスター/スレーブ))。EUSART×1。USB(256byte)。ICSP。(F)=3.2V。LDO.Reg.。SRタッチ            | 20-PDIP/SSOP/S<br>OIC(300mil)、2<br>0-QFN | (F) I/P=秋<br>200  |
| PIC18(L)F14K50 | "                     | 8192  | 768( )     | 256( )      | "                    | "                             | 15(1) | 2 | 1/3 | 10bit<br>×11 |            | 1           | "  | "  | (F) I/SS=<br>秋300、(F)<br>I/P=秋35<br>0、I/SO=<br>秋280、評<br>価セット=秋1<br>000 |
| PIC18(L)F24K50 | <a href="#">24K50</a> | 8192  | 2048       | 256         | 48MHz                | 2.3~5.5V<br>(LF)=1.8          | 25(3) | 2 | 2/2 | 10bit<br>×14 | 5bit       | 有           | CLK=第2(Xtal=32kHz?)/第1(Ext/Xtal/RC)3x又は4xPLL可とDiv/内蔵(16M、31kHz)選択(16M/8M/.../31kHz)3   | 28-SPDIP(300mi<br>l)/SOIC/SSOP/Q         |   |











2022.03.24

| 形名         | データシート              | プログラマ<br>Mem[Word] | データSR<br>AM<br>[byte] | EEPROM<br>[byte] | 動作クロック   | Vdd      | I/O<br>(内入力) | Cmp | タイマ<br>8/16bit | A/Dチャ<br>ンネル | D/A | PWM | 他   | 外形                   | 価格                     |
|------------|---------------------|--------------------|-----------------------|------------------|----------|----------|--------------|-----|----------------|--------------|-----|-----|---|----------------------|------------------------|
| PIC18F248☆ | <a href="#">248</a> | 8192               | 768                   | 256              | DC~40MHz | 2.0~5.5V | 22           | 無   | 1/3            | 10bit<br>×5  |     | 無   | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32kHz?)。OST。I/O=25mA、入TTL/ST含。ICSP。CCP×1。SPI/I2C(マスター/スレーブ)。USART。LVD。CAN。※CLOCK関係資料不足<br>ECCP無 | 28-SPDIP/SOIC        | (F)I/SP=秋700           |
| PIC18F258☆ | 〃                   | 16384              | 1536                  | 256              | 〃        | 〃        | 22           | 無   | 1/3            | 10bit<br>×5  |     | 無   | 〃。<br>ECCP無   | 〃                    |                        |
| PIC18F448☆ | 〃                   | 8192               | 768                   | 256              | 〃        | 〃        | 33           | 2   | 1/3            | 10bit<br>×8  |     | 1   | 〃。<br>ECCP×1  | 40-PDIP、44-PLCC/TQFP |                        |
| PIC18F458☆ | 〃                   | 16384              | 1536                  | 256              | 〃        | 〃        | 33           | 2   | 1/3            | 10bit<br>×8  |     | 1   | 〃。<br>ECCP×1  | 〃                    |                        |
| PIC18F242☆ | <a href="#">248</a> | 8192               | 768                   | 256              | DC~40MHz | 2.0~5.5V | A、B、C        |     | 4(2/3)         | 10bit<br>×5  |     | 有   | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32kHz)/内臓?。OST。I/O=入TTL/ST含。ICSP。CCP×2。MSSP(SPI/I2C(マスター/スレーブ))、USART。※資料不足<br>PSP無             | 28-DIP/SOIC          |                        |
| PIC18F252☆ | 〃                   | 16384              | 1536                  | 256              | 〃        | 〃        | A、B、C        |     | 4(2/3)         | 10bit<br>×5  |     | 有   | 〃。<br>PSP無  | 〃                    | (F)I/SP=秋620           |
| PIC18F442☆ | 〃                   | 8192               | 768                   | 256              | 〃        | 〃        | A、B、C、D、E    |     | 4(2/3)         | 10bit<br>×8  |     | 有   | 〃。<br>PSP有  | 40-DIP、44-PLCC/TQFP  |                        |
| PIC18F452☆ | 〃                   | 16384              | 1536                  | 256              | 〃        | 〃        | A、B、C、D、E    |     | 4(2/3)         | 10bit<br>×8  |     | 有   | 〃。<br>PSP有  | 〃                    | (F)I/P=秋1000、ホート=秋1200 |



2022.03.21

| 形名         | データシート               | プログラマ<br>Mem[Word] | データSR<br>AM<br>[byte] | EEPROM<br>[byte] | 動作クロック   | Vdd      | I/O<br>(内入力) | Cmp | タイマ<br>8/16bit | A/Dチャ<br>ンネル | D/A | PWM         | 他  | 外形                              | 価格                         |
|------------|----------------------|--------------------|-----------------------|------------------|----------|----------|--------------|-----|----------------|--------------|-----|-------------|--|---------------------------------|----------------------------|
| PIC18F1220 | <a href="#">1220</a> | 2048               | 256                   | 256              | DC~40MHz | 2.0~5.5V | 16           |     | 1/3            | 10bit<br>×7  |     | 有           | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(8MHz、31kHz?)選択(8M/4M/.../31kHz)。I/O=25mA、<br>入TTL、出?。ICSP。ECCP×1。EUSART  | 18-PDIP/SOIC、<br>20-SSOP、28-QFN | I/P=秋280<br>、I/SO=秋<br>400 |
| PIC18F1320 | ''                   | 4096               | 256                   | 256              | ''       | ''       | 16           |     | 1/3            | 10bit<br>×7  |     | 有           | ''   | ''                              | I/P=秋500                   |
| PIC18F1230 | <a href="#">1230</a> | 2048               | 256                   | 128              | 40MHz    | 2.0~5.5V | 16           | 3   | /2             | 10bit<br>×4  |     | 14bit<br>×6 | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(8M、31kHz)選択(8M(4xPLL可)/4M(4xPLL可)/2M/<br>.../31kHz)。I/O=25mA、入TTL/ST含。ICSP。EUSART  | 18-PDIP/SOIC、<br>20-SSOP、28-QFN | I/P=秋260                   |
| PIC18F1330 | ''                   | 4096               | 256                   | 128              | ''       | ''       | 16           | 3   | /2             | 10bit<br>×4  |     | 14bit<br>×6 | ''   | ''                              | I/P=秋360                   |
| PIC18F2220 | <a href="#">2220</a> |                    |                       |                  |          |          |              |     |                |              |     |             |  |                                 |                            |
| PIC18F2320 | ''                   |                    |                       |                  |          |          |              |     |                |              |     |             |  |                                 |                            |
| PIC18F4220 | ''                   |                    |                       |                  |          |          |              |     |                |              |     |             |  |                                 |                            |
| PIC18F4320 | ''                   |                    |                       |                  |          |          |              |     |                |              |     |             |  |                                 |                            |
| PIC18F2221 | <a href="#">2221</a> | 2048               | 512                   | 256              | 40MHz    | 2.0~5.5V | 25           | 2   | 1/3            | 10bit<br>×10 |     | 有?          | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(8M、31kHz)選択(8M(4xPLL可)/4M(4xPLL可)/2M/<br>.../31kHz)、OST。I/O=25mA、入TTL/ST含。ICSP。MSSP(<br>SPI/I2C(マスター))。EUSART×1。HLVD。<br>CCP×2、ECCP無 | 28-SPDIP/SOIC/<br>SSOP/QFN      |                            |
| PIC18F2321 | ''                   | 4096               | 512                   | 256              | ''       | ''       | 25           | 2   | 1/3            | 10bit<br>×10 |     | 有?          | ''。<br>CCP×2、ECCP無   | ''                              | I/SP=秋24<br>0              |
| PIC18F4221 | ''                   | 2048               | 512                   | 256              | ''       | ''       | 36           | 2   | 1/3            | 10bit<br>×13 |     | 有?          | ''。<br>CCP×1、ECCP×1  | 40-PDIP、44-QFN<br>N/TQFP        |                            |
| PIC18F4321 | ''                   | 4096               | 512                   | 256              | ''       | ''       | 36           | 2   | 1/3            | 10bit<br>×13 |     | 有?          | ''。<br>CCP×1、ECCP×1  | ''                              |                            |
| PIC18F2410 | <a href="#">2410</a> | 8192               | 768                   |                  | 40MHz    | 2.0~5.5V | 25           | 2   | 1/3            | 10bit<br>×10 |     | 有?          | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(8M、31kHz)選択(8M(4xPLL可)/4M(4xPLL可)/2M/<br>.../31kHz)。I/O=入TTL/ST含。ICSP。MSSP(SPI/I2C(マ<br>スター))。EUSART×1。HLVD<br>CCP×2、ECCP無           | 28-SPDIP/SOIC/<br>QFN           |                            |
| PIC18F2510 | ''                   | 16384              | 1536                  |                  | ''       | ''       | 25           | 2   | 1/3            | 10bit<br>×10 |     | 有?          | ''。<br>CCP×2、ECCP無、  | 28-SPDIP/SOIC/<br>QFN           |                            |

|            |                      |       |      |     |              |                               |    |   |     |              |             |   |                         |               |
|------------|----------------------|-------|------|-----|--------------|-------------------------------|----|---|-----|--------------|-------------|---|-------------------------|---------------|
| PIC18F2515 | "                    | 24586 | 3968 |     | "            | "                             | 25 | 2 | 1/3 | 10bit<br>×10 | 有?          | "。<br>CCP×2、ECCP無、  | 28-SPDIP/SOIC           | I/SO=秋34<br>0 |
| PIC18F2610 | "                    | 32768 | 3968 |     | "            | "                             | 25 | 2 | 1/3 | 10bit<br>×10 | 有?          | "。<br>CCP×2、ECCP無、  | "                       |               |
| PIC18F4410 | "                    | 8192  | 768  |     | "            | "                             | 36 | 2 | 1/3 | 10bit<br>×13 | 有?          | "。<br>CCP×1、ECCP×1  | 40-PDIP、44-TQ<br>FP/QFN |               |
| PIC18F4510 | "                    | 16384 | 1536 |     | "            | "                             | 36 | 2 | 1/3 | 10bit<br>×13 | 有?          | "。<br>CCP×1、ECCP×1  | "                       |               |
| PIC18F4515 | "                    | 24586 | 3968 |     | "            | "                             | 36 | 2 | 1/3 | 10bit<br>×13 | 有?          | "。<br>CCP×1、ECCP×1  | "                       |               |
| PIC18F4610 | "                    | 32768 | 3968 |     | "            | "                             | 36 | 2 | 1/3 | 10bit<br>×13 | 有?          | "。<br>CCP×1、ECCP×1  | "                       |               |
| PIC18F2420 | <a href="#">2420</a> | 8192  | 768  | 256 | 40MHz        | 2.0~5.5V                      | 25 | 2 | 1/3 | 10bit<br>×10 | 有?          | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(8M、31kHz)選択(8M(4xPLL可)/4M(4xPLL可)/2M/<br>…/31kHz)。I/O=入TTL/ST含。ICSP。MSSP(SPI/I2C(ホ<br>スト/クライアント))。EUSART×1。HLVD。<br>CCP×2、ECCP無 | 28-SPDIP/SOIC/<br>QFN   | I/SP=秋60<br>0 |
| PIC18F2520 | "                    | 16384 | 1536 | 256 | "            | "                             | 25 | 2 | 1/3 | 10bit<br>×10 | 有?          | "。<br>CCP×2、ECCP無   | "                       |               |
| PIC18F4420 | "                    | 8192  | 768  | 256 | "            | "                             | 36 | 2 | 1/3 | 10bit<br>×13 | 有?          | "。<br>CCP×1、ECCP×1  | 40-PDIP、44-TQ<br>FP/QFN |               |
| PIC18F4520 | "                    | 16384 | 1536 | 256 | "            | "                             | 36 | 2 | 1/3 | 10bit<br>×13 | 有?          | "。<br>CCP×1、ECCP×1  | "                       | I/P=秋800      |
| PIC18F2450 | <a href="#">2450</a> | 8192  | 768  |     | 48MHz        | 2.0~5.5V                      | 23 |   | 1/2 | 10bit<br>×10 |             | CLK=第1(Ext/Xtal)PLL可/第2(Xtal=32768Hz)/内蔵(3<br>1.25kHz)。I/O=25mA、入TTL/ST含。ICSP。USB(256byte)。<br>CCP×1。EUSART×1。  | 28-SPDIP/SOIC/<br>QFN   | I/SP=秋60<br>0 |
| PIC18F4450 | "                    | 8192  | 768  |     | "            | "                             | 34 |   | 1/2 | 10bit<br>×13 |             | "   | 40-PDIP、44-QF<br>N/TQFP |               |
| PIC18F2331 | <a href="#">2331</a> | 4096  | 768  | 256 | DC~40M<br>Hz | 4.2~5.5V<br>(LF)=2.0<br>~5.5V | 24 |   | 1/3 | 10bit<br>×5  | 14bit<br>×6 | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(8M?、31kHz)選択(8M/4M/…/31kHz)。I/O=25mA、<br>入TTL/ST含。ICSP。CCP×2。MSSP(SPI/I2C)。EUSART   | 28-SPDIP/SOIC/<br>QFN   |               |
| PIC18F2431 | "                    | 8192  | 768  | 256 | "            | "                             | 24 |   | 1/3 | 10bit<br>×5  | 14bit<br>×6 | "   | 40-PDIP、44-TQ<br>FP/QFN | I/SP=秋34<br>0 |
| PIC18F4331 | "                    | 4096  | 768  | 256 | "            | "                             | 36 |   | 1/3 | 10bit<br>×9  | 14bit<br>×8 | "   |                         |               |
| PIC18F4431 | "                    | 8192  | 768  | 256 | "            | "                             | 36 |   | 1/3 | 10bit        | 14bit       | "   |                         |               |

|               |                      |       |      |               |       |   |    |   |     |           |  |    |   |                     |  |
|---------------|----------------------|-------|------|---------------|-------|---|----|---|-----|-----------|--|----|---|---------------------|--|
|               |                      |       |      |               |       |   |    |   |     | ×9        |  | ×8 |   |                     |  |
| PIC18F2423    | <a href="#">2423</a> |       |      |               |       |   |    |   |     |           |  |    |   |                     |  |
| PIC18F2523    | "                    |       |      |               |       |   |    |   |     |           |  |    |   |                     |  |
| PIC18F4423    | "                    |       |      |               |       |   |    |   |     |           |  |    |   |                     |  |
| PIC18F4523    | "                    |       |      |               |       |   |    |   |     |           |  |    |   |                     |  |
| PIC18(L)F2455 | <a href="#">2455</a> | 12288 | 2048 | 256 (EE PROM) | 48MHz | 4.2~5.5V (LF)=2.0(4MHz)~4.0(25MHz)~5.5V | 24 | 2 | 1/3 | 10bit ×10 |  | 有  | CLK=第1(Ext/Xtal)PLL等→Div/第2(Xtal=32768Hz)/内蔵(8M、31kHz)選択(8M/4M/…/31kHz)。I/O=25mA、入TTL/ST、出TTL?。ICSP。MSSP(SPI/I2C)。EUSART×1。USB(1kbyte)PLLカック可。CCP/ECCP×2/0。SPP無 | 28-PDIP/SOIC        | I/SP=秋340  |
| PIC18(L)F2550 | "                    | 16384 | 2048 | 256 (" )      | "     | "                                       | 24 | 2 | 1/3 | 10bit ×10 |  | 有  | "。CCP/ECCP×2/0。SPP無   | "                   | (F) I/SP=秋500、(F) I/SO=秋500、USB評価ホ-ト=秋1250       |
| PIC18(L)F4455 | "                    | 12288 | 2048 | 256 (" )      | "     | "                                       | 35 | 2 | 1/3 | 10bit ×13 |  | 有  | "。CCP/ECCP×1/1。SPP有   | 40-PDIP、44-TQFP/QFN |  |
| PIC18(L)F4550 | "                    | 16384 | 2048 | 256 (" )      | "     | "                                       | 35 | 2 | 1/3 | 10bit ×13 |  | 有  | "。CCP/ECCP×1/1。SPP有   | "                   | (F) I/PT=秋840、(F) I/P=秋980、ホ-ト=秋1100、USBホ-ト=秋950 |
| PIC18F2458    | <a href="#">2458</a> | 12288 | 2048 | 256 (EE PROM) | 48MHz | 2.0~5.5V                                | 24 | 2 | 1/3 | 12bit ×10 |  | 有  | CLK=第1(Xtal/Ext)/第2(Xtal=32kHz)/内蔵(31k~8MHz)、0ST。I/O=25mA、入TTL/ST、出?。ICSP。EUSART×1。MSSP(SPI/I2C)。USB(1kbyte)PLL。※資料不足<br>CCP/ECCP×2/0。SPP無                      | 28-SPDIP/SOIC       |  |
| PIC18F2553    | "                    | 16384 | 2048 | 256 (" )      | "     | "                                       | 24 | 2 | 1/3 | 12bit ×10 |  | 有  | "。CCP/ECCP×2/0。SPP無   | "                   | I/SO=秋400、SPDIPホ-ト=秋950、I/SP=秋420                |
| PIC18F4458    | "                    | 12288 | 2048 | 256 (" )      | "     | "                                       | 35 | 2 | 1/3 | 12bit ×13 |  | 有  | "。CCP/ECCP×1/1。SPP有   | 40-PDIP、44-TQFP/QFN |  |



|             |                      |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
|-------------|----------------------|-------|------|------|--------------|----------|----|---|-----|--------------|--|----|--|---------|--|--|--------------------|--|
| PIC18F6410  | "                    |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F8310  | "                    |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F8410  | "                    |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F6390  | <a href="#">6390</a> |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F6490  | "                    |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F8390  | "                    |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F8490  | "                    |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F6393● |                      |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F6493● |                      |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F6520● |                      |       |      |      |              |          |    |   |     |              |  |    |  |         |  |  |                    |  |
| PIC18F6527  | <a href="#">6527</a> | 24576 | 3936 | 1024 | 40MHz        | 2.0~5.5V | 54 | 2 | 2/3 | 10bit<br>×12 |  | 有? | CLK=第1(Ext/Xtal/RC)4xPLL可/第2(Xtal=32768Hz)/<br>内蔵(8M、31kHz)選択(8M(4xPLL可)/4M(4xPLL可)/2M/<br>…/31kHz)。I/O=25mA、入TTL/ST含。ICSP。CCP×2、EC<br>CP×3。MSSP(SPI/I2C(マスター/スレーブ))×2。EUSART×2<br>。HLVD。<br>外部バス無 | 64-TQFP |  |  |                    |  |
| PIC18F6622  | "                    | 32768 | 3936 | 1024 | "            | "        | 54 | 2 | 2/3 | 10bit<br>×12 |  | 有? | "。<br>外部バス無  | "       |  |  |                    |  |
| PIC18F6627  | "                    | 49152 | 3936 | 1024 | "            | "        | 54 | 2 | 2/3 | 10bit<br>×12 |  | 有? | "。<br>外部バス無  | "       |  |  |                    |  |
| PIC18F6722  | "                    | 65536 | 3936 | 1024 | "            | "        | 54 | 2 | 2/3 | 10bit<br>×12 |  | 有? | "。<br>外部バス無  | "       |  |  |                    |  |
| PIC18F8527  | "                    | 24576 | 3936 | 1024 | "            | "        | 70 | 2 | 2/3 | 10bit<br>×16 |  | 有? | "。<br>外部バス有  | 80-TQFP |  |  |                    |  |
| PIC18F8622  | "                    | 32768 | 3936 | 1024 | "            | "        | 70 | 2 | 2/3 | 10bit<br>×16 |  | 有? | "。<br>外部バス有  | "       |  |  |                    |  |
| PIC18F8627  | "                    | 49152 | 3936 | 1024 | "            | "        | 70 | 2 | 2/3 | 10bit<br>×16 |  | 有? | "。<br>外部バス有  | "       |  |  |                    |  |
| PIC18F8722  | "                    | 65536 | 3936 | 1024 | "            | "        | 70 | 2 | 2/3 | 10bit<br>×16 |  | 有? | "。<br>外部バス有  | "       |  |  | (F) I/PT=<br>秋1600 |  |
| PIC18F6628  | <a href="#">6628</a> | 49152 | 3936 | 1024 | DC~40M<br>Hz | 2.0~5.5V | 54 | 2 | 2/3 | 12bit<br>×12 |  | 有? | CLK=第1()、第2()、内蔵(?、8MHz)、OST。I/O=25mA、入T<br>TL/ST含。ICSP。CCP×2、ECCP×3。MSSP(SPI/I2C(マスタ<br>ー/スレーブ))×2。※資料不足。<br>外部バス無  | 64-TQFP |  |  |                    |  |
| PIC18F6723  | "                    | 65536 | 3936 | 1024 | "            | "        | 54 | 2 | 2/3 | 12bit<br>×12 |  | 有? | "。<br>外部バス無  | "       |  |  |                    |  |

|             |   |       |      |      |   |   |    |   |     |              |  |    |             |         |                |
|-------------|---|-------|------|------|---|---|----|---|-----|--------------|--|----|-------------|---------|----------------|
| PIC18F8628  | " | 49152 | 3936 | 1024 | " | " | 70 | 2 | 2/3 | 12bit<br>×16 |  | 有? | "。<br>外部バス有 | 80-TQFP |                |
| PIC18F8723  | " | 65536 | 3936 | 1024 | " | " | 70 | 2 | 2/3 | 12bit<br>×16 |  | 有? | "。<br>外部バス有 | "       | I/PT=秋14<br>00 |
| PIC18F8393● |   |       |      |      |   |   |    |   |     |              |  |    |             |         |                |
| PIC18F8493● |   |       |      |      |   |   |    |   |     |              |  |    |             |         |                |
| PIC18F8520● |   |       |      |      |   |   |    |   |     |              |  |    |             |         |                |

CAN FD : CAN Flexible Data-Rate。

CCP : Capture/Compare/PWM。

CLC : Configurable Logic Cell。

CTMU : Charge Time Measurement Unit。

CVD : Capacitive Voltage Divider。

CWG : Complementary Waveform Generator。

DIA : Device Information Area。

DMAC : Direct Memory Access Controller。

DSM : Data Signal Modulator。

ECCP : Enhanced Capture/Compare/PWM。

FVR : Fixed Voltage Reference。

HLVD : High/Low-Voltage Detection。

ICSP : In-Circuit Serial Programming™。

JTAGBS : JTAG Boundary Scan。

LVD : Low-Voltage Detection。

MAP : Memory Access Partition。

MSSP : Master Synchronous Serial Port。

NCO : Numerically Controlled Oscillator。

OST : Oscillator Start-up Timer。

PPS : Peripheral Pin Select。

PSP : Parallel Slave Port。

RTCC : Real-Time Clock and Calendar。

SMT : Signal Measurement Timer。

SPP : Streaming Parallel Port。

☆ : 非推奨。

● : まとめていない。