

| CFLG (SYS.FL) | Configuration flags                         |                                             |                                             |                                 |                                 |                                 |
|---------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| g-shift       | CONV <sub>HP</sub> <input type="checkbox"/> | CONV <sub>US</sub> <input type="checkbox"/> | CPX <sub>j</sub> <input type="checkbox"/>   | CPXmul <input type="checkbox"/> | CPXRES <input type="checkbox"/> | DENANY <input type="checkbox"/> |
| f-shift       | AUTOFF <input type="checkbox"/>             | AUTXEQ <input type="checkbox"/>             | BASE <sub>HP</sub> <input type="checkbox"/> | BCD <input type="checkbox"/>    | BOLD <input type="checkbox"/>   | CARRY <input type="checkbox"/>  |
| unshifted     | 1024 <sup>n</sup> <input type="checkbox"/>  | 3DPHYS <input type="checkbox"/>             | 3Dxyz <input type="checkbox"/>              | ALPHA <input type="checkbox"/>  | ALP.IN <input type="checkbox"/> | ASLIFT <sub>1</sub>             |
| Page 1        | F1                                          | F2                                          | F3                                          | F4                              | F5                              | F6                              |

Prev menu [https://47calc.com/doc/R47/Menus/R47v0\\_Menu\\_CENTRL\\_page\\_1.pdf](https://47calc.com/doc/R47/Menus/R47v0_Menu_CENTRL_page_1.pdf)

Next menu [https://47calc.com/doc/R47/Menus/R47v0\\_Menu\\_CFLG\\_page\\_2.pdf](https://47calc.com/doc/R47/Menus/R47v0_Menu_CFLG_page_2.pdf)

Ref 1 [https://47calc.com/doc/Application%20Notes/AN0028\\_C47\\_R47\\_JM\\_Configurability\\_Tour.pdf](https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_Tour.pdf)

| Level   | Label                | Type                | FullName                  | Extended description                                                                                                                                                                                                                                                                                                                                                   | Category          | Flag               | Catalog | Default |
|---------|----------------------|---------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------|---------|---------|
| Menu p1 | CFLG (SYS.FL)        | MENU (item, nonpgm) | Configuration flags       | Activate menu for setting system flags using FF (Flip flag) function ; Ref : <a href="https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_To-ur.pdf">https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_To-ur.pdf</a>                                                                                               | Flags             |                    | SYS.FL  |         |
| F1      | 1024 <sup>n</sup> □  | Flag                | Binary prefixes           | SET for binary prefixes in UNIT display mode ; CLEAR for decimal prefixes in UNIT display mode ; Info : Binary prefixes designate powers of 1024, applicable to long integers (will be indicated by Z:) and reals in UNIT display mode                                                                                                                                 | Numeric input     | 1024 <sup>n</sup>  |         | CLEAR   |
| F2      | 3DPHYS □             | Flag                | Physics or Math           | SET for Physics conventions in spherical polar vectors ; CLEAR for Math conventions in spherical polar vectors ; Info : The notation convention is indicated by the TI subscript of the spherical polar vector : <sub>p</sub> for Physics, <sub>m</sub> for Math (determines ordering of vector elements, works on whole stack)                                        | Vector operations | 3DPHYS             |         | CLEAR   |
| F3      | 3Dxyz □              | Flag                | xyz or ijk vector display | SET for xyz (rθz) display of vectors ; CLEAR for ijk (rθk) display of vectors ; Info : Indicated by TI subscript of vector elements : <sub>xyz</sub> or <sub>ijk</sub>                                                                                                                                                                                                 | Vector operations | 3Dxyz              |         | CLEAR   |
| F4      | ALPHA □              | Flag                | Alpha Input Mode          | SET for alpha input mode ; CLEAR for alpha input mode inactive ; SBI : A ; a ; <i>N</i>                                                                                                                                                                                                                                                                                | Text input        | ALPHA              |         | CLEAR   |
| F5      | ALP.IN □             | Flag                | Alpha Entry               | SET for alpha entry ; CLEAR for alpha entry inactive                                                                                                                                                                                                                                                                                                                   | Text input        | ALP.IN             |         | CLEAR   |
| F6      | ASLIFT <sub>1</sub>  | Flag (system)       | Automatic Stack Lift      | SET for automatic stack lift ; CLEAR for automatic stack lift inactive ; Info : SBI is SIM only ; SBI : SL                                                                                                                                                                                                                                                             | Stack             | ASLIFT             |         | SET     |
| fF1     | AUTOFF ▣             | Flag                | Automatic shutdown        | SET for automatic shutdown ; CLEAR for automatic shutdown inactive ; Info : Automatic shutdown delay is 10 m                                                                                                                                                                                                                                                           | System            | AUTOFF             |         | SET     |
| fF2     | AUTXEQ □             | Flag                | Auto execute program      | SET for auto execute program ; CLEAR for auto execute program inactive ; Info : Automatically starts program when calculator turns on                                                                                                                                                                                                                                  | Programming       | AUTXEQ             |         | CLEAR   |
| fF3     | BASE <sub>HP</sub> ▣ | Flag                | Classic (HP) style base   | SET for applying number base to the whole stack ; CLEAR for applying number base to X only ; Info : Shortint values only                                                                                                                                                                                                                                               | Number bases      | BASE <sub>HP</sub> |         | SET     |
| fF4     | BCD □                | Flag                | Binary coded decimal      | SET for binary coded decimal (BCD) display of Long integer in #BASE Mode ; CLEAR for binary coded decimal display inactive ; Info : If menu BASE is open (#BASE Mode), BCD is displayed with subscript digits and followed by subscript <sub>bcd</sub>                                                                                                                 | Bits and bytes    | BCD                |         | CLEAR   |
| fF5     | BOLD □               | Flag                | Bold font mode            | SET for bold font mode ; CLEAR for regular font mode                                                                                                                                                                                                                                                                                                                   | User interface    | BOLD               |         | CLEAR   |
| fF6     | CARRY □              | Flag                | Carry (bit)               | SET for carry (bit) ; CLEAR for carry (bit) inactive ; Info : SBI <sub>c</sub> is shown if flag SBoc is SET ; SBI : <sub>c</sub>                                                                                                                                                                                                                                       | Bits and bytes    | CARRY              |         | CLEAR   |
| gF1     | CONV <sub>HP</sub> ▣ | Flag                | Classic (HP) conversions  | SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\rightarrow$ $\leftarrow$ <from> unit conversion buttons                                                                                                                                                                                                                               | Unit conversions  | CONV <sub>HP</sub> |         | SET     |
| gF2     | CONV <sub>US</sub> □ | Flag                | US or UK units            | SET for US unit preference ; CLEAR for UK unit preference                                                                                                                                                                                                                                                                                                              | Unit conversions  | CONV <sub>US</sub> |         | CLEAR   |
| gF3     | CPX <sub>j</sub> □   | Flag                | Complex <i>j</i>          | SET for displaying <i>j</i> as the imaginary number ; CLEAR for displaying <i>i</i> as the imaginary number ; Info : <i>i</i> or <i>j</i> displayed in stack and on soft buttons                                                                                                                                                                                       | Complex numbers   | CPX <sub>j</sub>   |         | CLEAR   |
| gF4     | CPXmul □             | Flag                | Complex multiplier        | SET for displaying Complex multiplier ; CLEAR for not displaying Complex multiplier ; Info : If CLEAR, trailing <i>i</i> or <i>j</i> is used ; complex multiplier is set by MULT <sub>x</sub>                                                                                                                                                                          | Complex numbers   | CPXmul             |         | CLEAR   |
| gF5     | CPXRES ▣             | Flag                | Complex results           | SET for Complex results ; CLEAR for Real results only ; Info : CPXRES is auto-set when entering complex input ; SBI <sub>C</sub> ; <sub>R</sub> is shown if flag SBcr is SET ; SBI : <sub>C</sub> ; <sub>R</sub>                                                                                                                                                       | Complex numbers   | CPXRES             |         | SET     |
| gF6     | DENANY □             | Flag                | Denominator any           | SET for any denominator (up to value set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3]fF5 (DMXX)) in fraction display mode ; CLEAR for fixed denominator in fraction display mode ; Info : DENANY and DENFIX are linked (both cannot be SET at the same time) ; SBI [+ <sub>x</sub> ] is shown if flag SBfrac is SET ; SBI : [+ <sub>x</sub> ] | Fractions         | DENANY             |         | CLEAR   |