

Bitwise manipulations - Bit calculations#

In order to do calculations on the lowest level of machine language, it is a good idea to use some tools for this kind of work. AtariWiki introduces some of them:

For dealing with bits and operations, please use the following conversion table:

Conversion table for bits with used operations

Recommendations#

AtariWiki highly recommends for bit manipulation and calculations:

Hardware:

- [HP-16C calculator](#) ; thanks to the [hpmuseum.org](#)
- [TI Programmer](#) ; thanks to Joerg Woerner
- [TI LCD Programmer](#) ; thanks to Joerg Woerner
- [TI Programmer II](#) ; thanks to Joerg Woerner

Software/Emulation:

- PC's or Mac's own calculators in the programmer mode
- [PCalc](#) in the programmer mode for iPhone/iPad
- [Computer programmer?s flavor \(former Touch 16i app, emulation of the HP-16C calculator\)](#) ; for iPhone/iPad