Subject: Vetusware.com updates: 2022-12-06
Posted by vetus@vetusware.com on Tue, 06 Dec 2022 00:00:00 GMT
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OPALjr 2.01 2.01
https://vetusware.com/download/OPALjr%202.01%202.01/?id=17574
Rare software to convert logical equations to JEDEC-files. These files are neccesary to burn PAL-
and GAL-chips. With a programmer, someone can change these chips internal logic-gates to
design whatever kind of microchip is intended.    This software includes two extremely rare tools
in addition: a) a program to convert a jedec-file back to a textfile which contains logical equations
(JED2EQN.EXE) b) a program to convert PAL-jedecs to GAL-jedecs (PAL2GAL.EXE).   OPALjr
was the free &quot;light-version&quot; of OPAL. The manual reads: &quot;OPALjr is a functional
subset of the full OPAL package.  It is designed to:   a) provide free low-level entry design support
for all NSC low-density PAL and GAL devices   b) demonstrate the syntax and capabilities of the
full OPAL PLD development software package, including support for higher-density MAPL
devices.&quot;       This kind of software is RARE. The only other programs of this kind are:
PALASM and WinCUPL.     I downloaded it from:
http://www.brouhaha.com/~eric/retrocomputing/mmi/palasm/

PALASM2 2.23 2 2.23
https://vetusware.com/download/PALASM2%202.23%202%202.23/?id=17576
Rare software to design microchips and convert logical equations to JEDEC-files. These files are
neccesary to burn PAL- and GAL-chips. With a programmer, someone can change these chips
internal logic-gates to design whatever kind of microchip is intended.    The newer version
palasm4 1.5 has a completely different user-interface. This version is even harder to get than
version 4. It's from the wayback-machine's software-archive. Therefore I don't know if it's
virus-free.  There are only three programs like palasm: WinCUPL, Opal and Opaljr. Since
GAL-chips are not used anymore in industry, there is no new software for them in present time.