Application of atmega48 inverter

What is the Atmel atmega48/88/168 microcontroller?
The Atmel ATmega48/88/168 is a low-power CMOS 8-bit microcontrollerbased on the AVR enhanced RISC architecture. By executing powerful instructions in a single clock cycle,the ATmega48/88/168 achieves throughputs approaching 1 MIPS per MHz allowing the system designer to optimize power consumption versus processing speed.

What is atmega48/v/88/v / 168/v?
By executing powerful instructions in a single clock cycle, the ATmega48/V/ 88/V /168/V achieves throughputs close to 1MIPS per MHz. This empowers system designer to optimize the device for power consumption versus processing speed.

Does atmega48/v support read while write?
In ATmega48/V,there is no Read-While-Write supportand no separate Boot Loader Section. The SPM instruction can execute from the entire Flash. Atmel ATmega48/V /88/V /168/V [DATASHEET]

What programming tools are supported by the atmega48/v/88/v / 168/v?
The ATmega48/V/ 88/V /168/V is supported with a full suite of program and system development tools including: C Compilers, Macro Assemblers, Program Debugger/Simulators, In-Circuit Emulators, and Evaluation kits. ATmega88/V and ATmega168/V support a real Read-While-Write Self-Programming mechanism.

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The AVR® Toolchain is a collection of tools/libraries used to create applications for AVR microcontrollers. This collection includes compiler, assembler, linker and Standard C and math ...

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This article describes a number of inverter-based circuits for various applications. Examples include ring oscillators, crystal oscillators, clock and data recovery circuits, and frequency ...

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