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Interrupt/Event Response

General AVR

Finish Current Instruction Finish Current Instruction

Save Processor State Push PC

Disable Further Interrupts Clear Interrupt Flag

Acknowledge Interrupt

Invoke Event Handler Jump to Event Handler in the

Interrupt Vector Table

Save Program Status PUSH All Used Registers

(PUSH Rn)

Process Event Process Event

Acknowledge Interrupt (if not done in hardware)

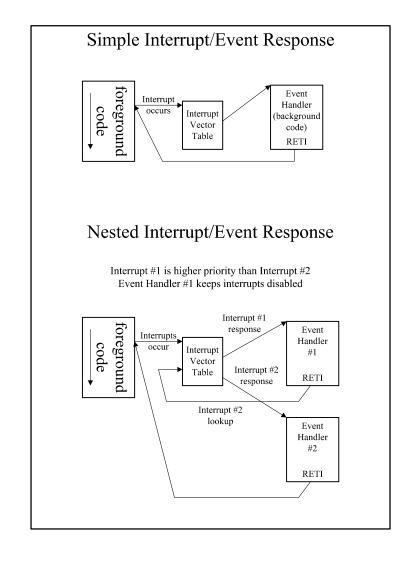
Restore Program Status POP Pushed Registers

(POP Rn)

Restore Processor Status RETI

(also re-enables interrupts)

Continue Program Execution Continue Program Execution



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