





Lecture 16



- Bus monitoring
  - Checking the range of addresses generated by a CPU
  - Examples
    - Checking that the CPU use an even address when reading a 32-bit or 64-bit word.
    - Checking CPU memory access using a Memory Management Unit.
- Power supply monitoring
  - Often connected to a non-maskable interrupt to enable a safe shut-down.
  - Allows a CPU to store context in stable storage before power disappears.
  - Context read from stable storage to restore system state when power returns
- Watchdog timer
  - See next slide

































