Overload detection

Use a watchdog task and an overload helper task to detect overload.

Use 4 flags to show whether the 4 tasks has finished running.

Give overload helper task lowest priority so that it cannot preempt the 4 tasks.

Give watchdog task highest priority so that overload helper task can reset the watchdog without being preempted and watchdog can calculate time accurately.

When 4 tasks finish running, overload helper task can run and reset watchdog.

If watchdog is not reset in hyperperiod, it means overload occurs, then watchdog will print the overload message and reset itself.