1. Tasks

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| --- | --- | --- | --- | --- | --- |
| Task | Rel deadline (ms) | Period (ms) | Priority | Mailbox/Semaphore IN  (Pend) | Mailbox/Semaphore OUT  (Post) |
| AppTaskStart | / | / | 9 ou 10 | / | / |
| TakeID | 10000 | / | 3+10 | idListMB | idMB |
| Heartbeat | 1000 | 4000 | 2+10 | idMB | heartbeatMB |
| HeartbeatCheck | 100 | / | 1+10 | idMB, allCANMsgInQueue, stateMB | idListMB, HBMissmatchSM |
| StateMachine | 100 | / | 5+10 | idMB, idListMB, statusMsgInMB, charTypedMB, HBMissmatchSM | CANMsgOutMB, AlarmSM, stateMB |
| Alarm | 100 | / | 10+10 | AlarmSM | / |
| ReadKeyboard | 100 | 100 | 18+10 | KBMsgMB | charTypedMB |
| PasswordCheck | 500 | / | 20+10 | charTypedMB | validationResultMB, validPwdOkSM |
| DisplayState | 100 | / | 30+10 | stateMB | / |
| DisplayKeyboard | 100 | / | 31+10 | validationResultMB | / |
| DisplayChgPwd | 100 | / | 32++10 | validationResultMB | / |
| Send | 100 | / | 15+10 | heartbeatMB | / |