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| **NAME** | **Global\_Init()** |
| **DESCRIPTION** | Initialise the system resources |
| **PARAMETERS** | void |
| **RETURN** | void |
| **NAME** | **STM\_init()** |
| **DESCRIPTION** | Configured the STM options and its channels |
| **PARAMETERS** | void |
| **RETURN** | void |

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| **Global\_Init.c** |

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| **GPIO.C** | |
| **NAME** | GPIO\_EN |
| **DESCRIPTION** | Program the drive enable pin |
| **PARAMETERS** | T\_SWORD ch, T\_ULONG state |
| **RETURN** | void |
| **NAME** | GPIO\_INIT() |
| **DESCRIPTION** | Call GPIO\_EN for the ports that will be used |
| **PARAMETERS** | void |
| **RETURN** | void |
| **NAME** | GPIO\_SetState() |
| **DESCRIPTION** | Set the value received to the pin specified in ch |
| **PARAMETERS** | T\_UWORD, T\_UBYTE |
| **RETURN** | void |

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| **LIN\_Init.c** | |
| NAME | Init\_Lin() |
| DESCRIPTION | -Send Init mode request  -INIT\_MODE /\*SLEEP=0, INIT=1\*/  -Enable LIN transmission cannel 0  -Config Baud rate  -Enter normal mode with filters  -Master CMD for all filters |
| PARAMETERS | void |
| RETURN | none |
| NAME |  |