|  |  |
| --- | --- |
| Name: | Door\_u8arrDoorStatus |
| Type: | Uint8\_t |
| length | 2 |
| Range: | 0:1 |
| Description: | Stores the right and left door status |

|  |  |  |  |
| --- | --- | --- | --- |
| Function name: | Door\_u8SetDoorStatus | | |
| Arguments: | Input | U8Statues\_Copy | Uint8\_t |
|  | Holds the status of the Door | |
|  | U8Door\_Copy | Uint8\_t |
|  | Holds Door(right or left) | |
|  | Output | **NA** | |
|  |
|  | Input/Output | **NA** | |
|  |
| Return | E\_OK | 0 | |
|  | E\_NOK | 1 | |
| Description: | Responsible for setting doors status due to the inputs | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function name: | Door\_u8GetDoorStatus | | | |
| Arguments: | Input | U8Door\_Copy | | Uint8\_t |
|  |  | Which door (right or left) | | |
|  | Output | Pu8\_Status | Uint8\_t\* | |
|  | passing the door state by address | | |
|  | Input/Output | **NA** | | |
|  |
| Return | E\_OK | 0 | | |
|  | E\_NOK | 1 | | |
| Description: | Responsible for get the current speed | | | |