# Document Name:

**RIGHT\_DOOR\_MODULE\_SWS\_V01**

# Functionality:

* This module calls on the API from DOOR\_SENSOR module which actually checks on the State of the RIGHT DOOR sensor

# Configuration Parameters:

1. RIGHT Door Channel

Defining the channel at which the right door is connected at

#define DOOR\_CH CH1

# API’s:

1-

|  |  |
| --- | --- |
| **API Prototype** | Error\_Status RightDoor\_Init(); |
| **Description** | This API is responsible for Initializing which Channel is connected to RIGHT DOOR Sensor by calling an API form the DOOR\_Sensor Module Called: DoorSensor\_Init(DOOR\_CH); |
| **Input Parameters** | Void |
| **Output Parameters** | Error\_S {OK = 1, NOK = 0} |

2-

|  |  |
| --- | --- |
| **API Prototype** | Error\_Status RightDoor\_getStatus(); |
| **Description** | This API is responsible for getting the status of the sensor connected to the RIGHT DOOR by calling an API form the DOOR\_Sensor Module Called: DoorSensor\_ReadStatus(DOOR\_CH); |
| **Input Parameters** | Void |
| **Output Parameters** | Error\_S {OK = 1, NOK = 0} |