**Slave**

Template

Michel Keijzers, © 2017

# History

Table 1: History

|  |  |
| --- | --- |
| **Date/period** | **Actions** |
| Nov 8, 2017 | Initial Version |

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# Introduction

This document describes TODO.

# Requirements

## Generic

Table 39: : Requirements EG

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Base ID** | **Version** | **Category** | **Item** | **Description** |
|  |  |  |  |  |  |

## Hardware

TODO

## Software

TODO

# Inputs/Outputs

TODO

# Design

## Diagnostics LEDs

Table 37: Diagnostics LEDs

|  |  |  |
| --- | --- | --- |
| **Function** | **LED Color** | **Description** |
| Power | Blue (generic) | Off: Power off  On: Power on |
| RF | Yellow (generic) | Off: empty message transmitting/receiving  Slow blinking: contact with controller  Double fast blinking per second: no contact with slave  Triple fast blinking per second: problem with RF  On: non empty message transmitting/receiving |

Note that if the GUI Device shows errors whenever possible.

## Breadboard Layout

TODO

## Proto Layout

TODO

## Component List

TODO

# Software

## Design

TODO

## Memory Usage

TODO.

## Timing Performance

TODO

# Testing

## Unit Tests

TODO

## Integration Tests

TODO