```
EEPROMManager
- outputEnable

    writeEnable

    addresses

    datalO

- readonlySegments

    hasBeenInit

- TIME WAIT READ
TIME RECOVERY FROM READ
TIME HOLD WRITE_SIGNAL
TIME WRITE
TIME RECOVERY FROM
WRITE
- IMPRECISION

    ADDRESSING PIN

- DATA EXCHANGING PIN
- SEGMENT DEPTH
- READONLY_SEGMENTS ALLOWED

    READONLY SEGMENTS

- PADDING CHECK ONE

    PADDING CHECK TWO

    ADDRESSES

    LOWEST ADDRESS

- HIGHEST ADDRESS

    VALID DATA VALUES

- LOWEST VALID DATA VALUE
- HIGHEST VALID DATA
VALUE
+ EEPROMManager()
+ EEPROMManager()
+ ~EEPROMManager()
+ init()
+ readAddress()
+ readSegment()
+ readAll()
+ writeAddress()
+ writeSegment()
+ writeAll()
+ clear()
+ hardClear()
setAddress()
setOutputEnable()
setWriteEnable()
setDatalO()
sample()
resultStringBuilder()
format()
put()
isReadonly()
```