```
EEPROMManager

    outputEnable

- writeEnable

    addresses

    datalO

- readonlySegments
- hasBeenInit
TIME_WAIT_READ
TIME RECOVERY FROM READ
TIME HOLD WRITE SIGNAL
- 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()
+ writeAssistive()
+ clear()
+ hardClear()
- setAddress()
setOutputEnable()
setWriteEnable()
setDatalO()
sample()
sampleLowLevel()
resultStringBuilder()
format()
put()
isReadonly()
```