```
byte8 t mem status
  + value
  + status1
  + status2
  + bytes
  + SRP0
  + SEC
  + TB
 + BP2
 + BP1
 + BP0
 + WEL
  + WIP
 + RES
 + CMP
  + LB3
 + LB2
 + LB1
 + RES2
 + OE
  + SRP1
  + bits
             +status16 t
        Memory
+ CS
+ name
+ id
+ id valid
+ cursor
+ pulses
+ serial number
+ max count
+ date
+ Memory()
+ ~Memory()
+ print status()
+ erase()
+ erase()
+ write_disable()
+ write enable()
+ read_status_register1()
+ read status register2()
+ write_status_register()
+ read()
+ read256()
+ check_id()
+ write()
```