```
TMR1Controller
+ always inline

    Singleton flag

+ TMR1Controller()
+ start()
+ stop()
+ reset()
+ get capture val()
+ get capture double
range()
+ is overflow()
+ clear input edge flag()
+ clear overflow flag()
+ get ttl input pin()
+ init()
+ init pins()
+ get xbar out pin()
+ get extern capture
signal pin()
+ timers freeze()
+ timers anti freeze()
```