

#### 4) Component implementation

AOCS\_IF

**<<implementation>>**  
AOCS\_impl

**Non-functional constraints:** Step0 shall be executed at 8Hz

**Implementation language:** C

#### **Technical budgets**

Operation AOCS\_IF.Step0

Max\_WCET = (14000 Kcycles, LEON 2)

Component Implementation AOCS\_impl

Max\_MemFootprint = 470 KB

```
void Step() { [...] }  
void Set_Mode(AOCS_MODE mode) { [...] }
```