(a) main Activity Diagram for a load operation CP


```
sd
LoadConfigure
```

[samplesToLoad > 0]   [ ]

[else]

```
sd
LoadTransferCycle
```
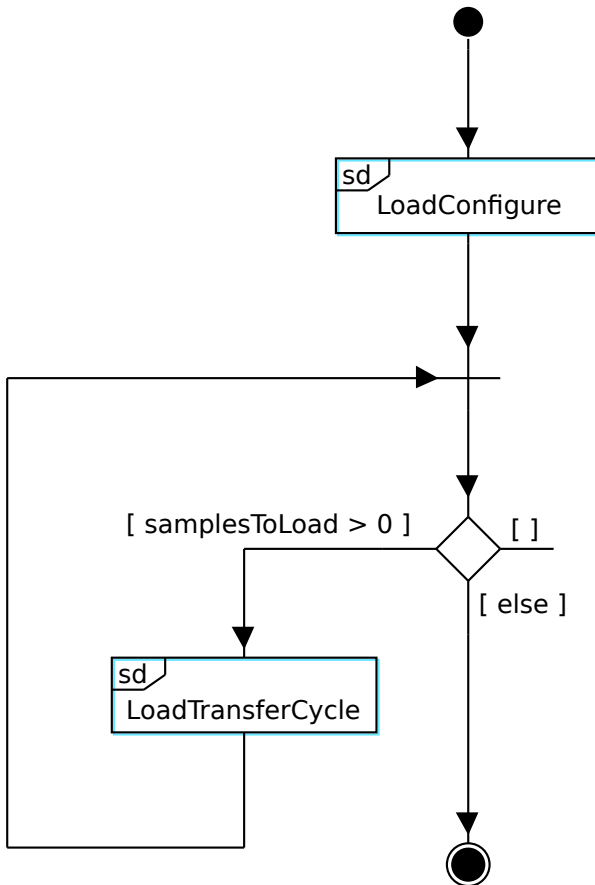
(b) LoadTransferCycle Sequence Diagram

CPU_Load   TransferInstance   SRC_StorageInstance

Read(sourceAddress, size)

Read(sourceAddress, size)

Transfer(size)

Transfer(size)

samplesToLoad = samplesToLoad - size