Reg n I/F

Reg 2 I/F

Reg 1 I/F

APB I/F

Write Protection I/F

WriteProtec driver

WriteProtec monitor

Scoreboard

Register Core

APB monitor

APB driver

Reg n monitor

Reg n driver

Reg 2 monitor

Reg 2 driver

Reg 1 monitor

Reg 1 driver