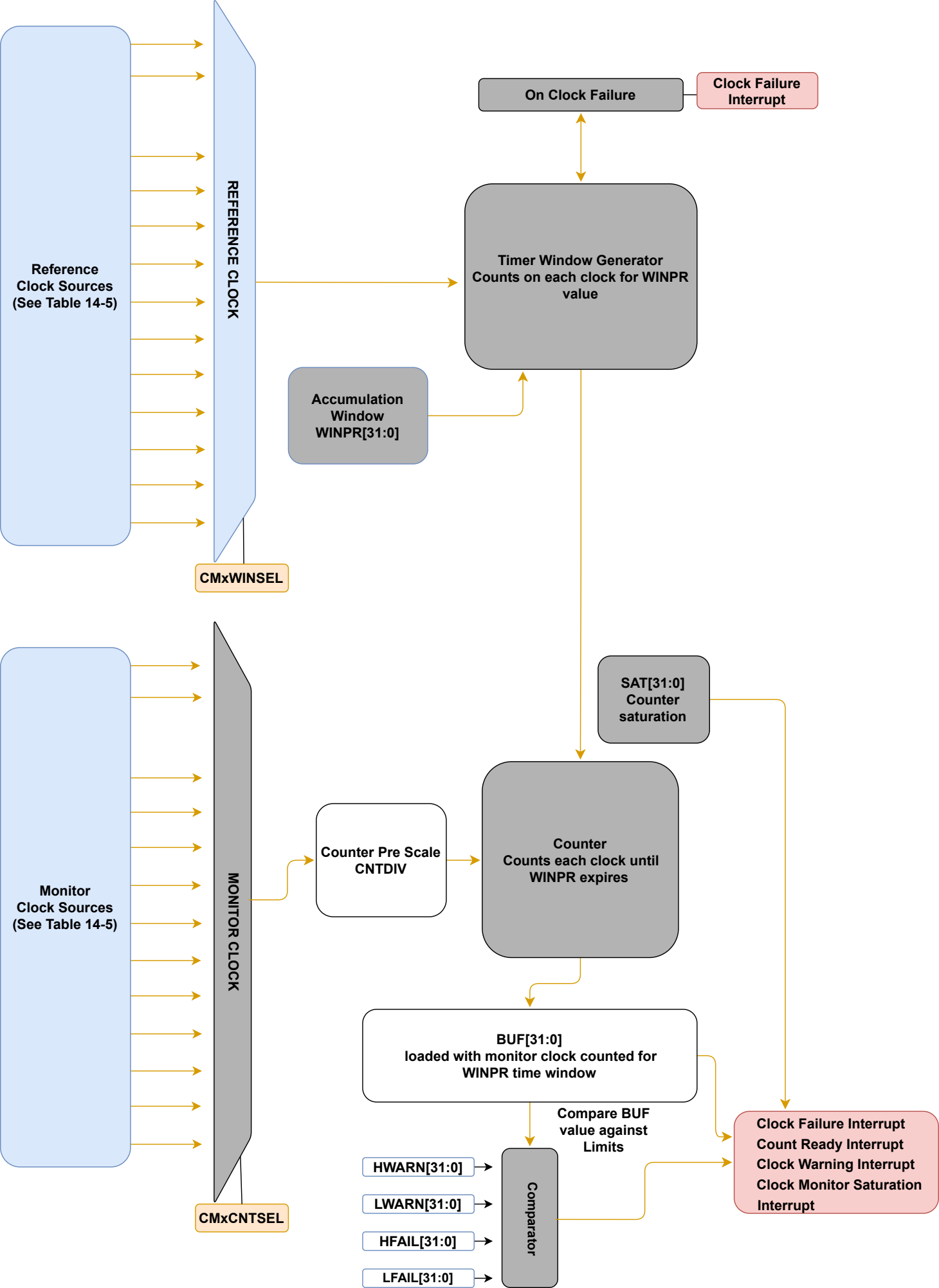
Reference Clock Sources (See Table 14-5)
REFERENCE CLOCK
CMxWINSEL
On Clock Failure
Clock Failure Interrupt
Timer Window Generator Counts on each clock for WINPR value
Accumulation Window WINPR[31:0]
Monitor Clock Sources (See Table 14-5)
MONITOR CLOCK
CMxCNTSEL
SAT[31:0] Counter saturation
Counter Pre Scale CNTDIV
Counter Counts each clock until WINPR expires
BUF[31:0] loaded with monitor clock counted for WINPR time window
Compare BUF value against Limits
HWARN[31:0]
LWARN[31:0]
HFAIL[31:0]
LFAIL[31:0]
Comparator
Clock Failure Interrupt
Count Ready Interrupt
Clock Warning Interrupt
Clock Monitor Saturation Interrupt