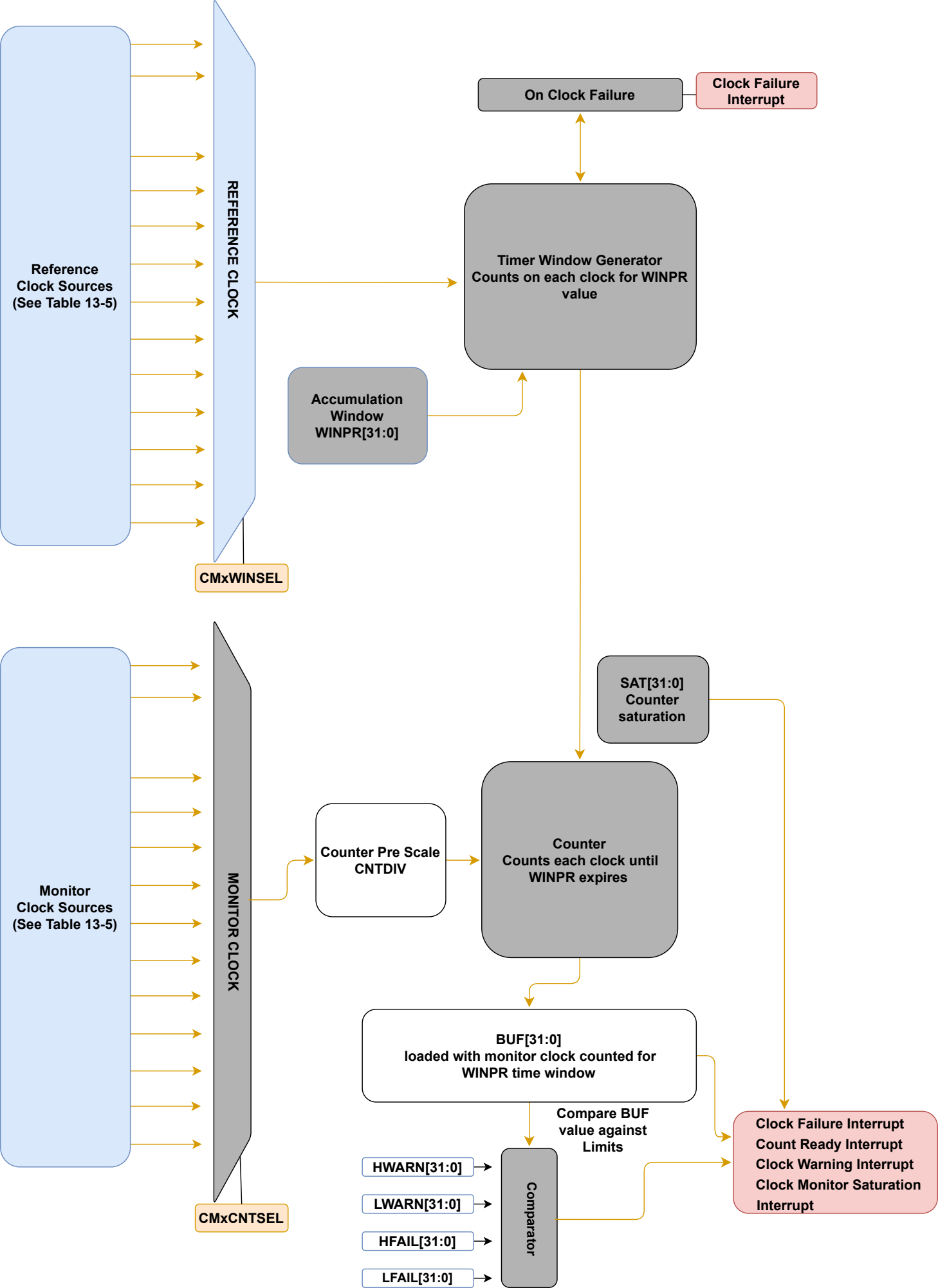
Reference
Clock Sources
(See Table 13-5)
REFERENCE CLOCK
CMxWINSEL
On Clock Failure
Clock Failure
Interrupt
Timer Window Generator
Counts on each clock for WINPR
value
Accumulation
Window
WINPR[31:0]
Monitor
Clock Sources
(See Table 13-5)
MONITOR CLOCK
CMxCNTSEL
SAT[31:0]
Counter
saturation
Counter Pre 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