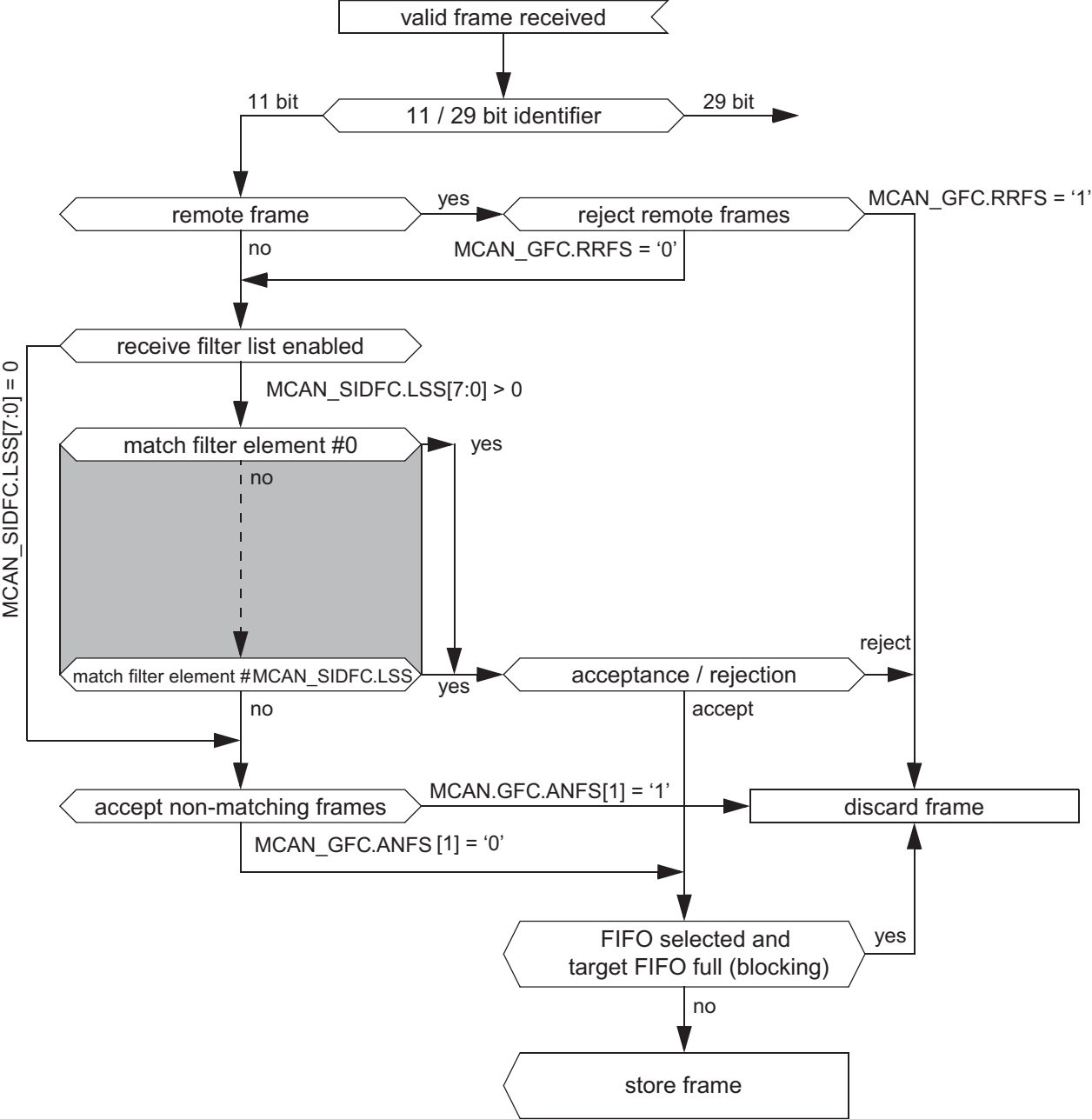
valid frame received
11 bit
11 / 29 bit identifier
29 bit
remote frame
yes
reject remote frames
MCAN_GFC.RRFS = '1'
no
MCAN_GFC.RRFS = '0'
receive filter list enabled
MCAN_SIDFC.LSS[7:0] = 0
MCAN_SIDFC.LSS[7:0] > 0
match filter element #0
yes
no
match filter element #MCAN_SIDFC.LSS
yes
acceptance / rejection
reject
no
accept
accept non-matching frames
MCAN.GFC.ANFS[1] = '1'
discard frame
MCAN_GFC.ANFS [1] = '0'
FIFO selected and
target FIFO full (blocking)
yes
no
store frame