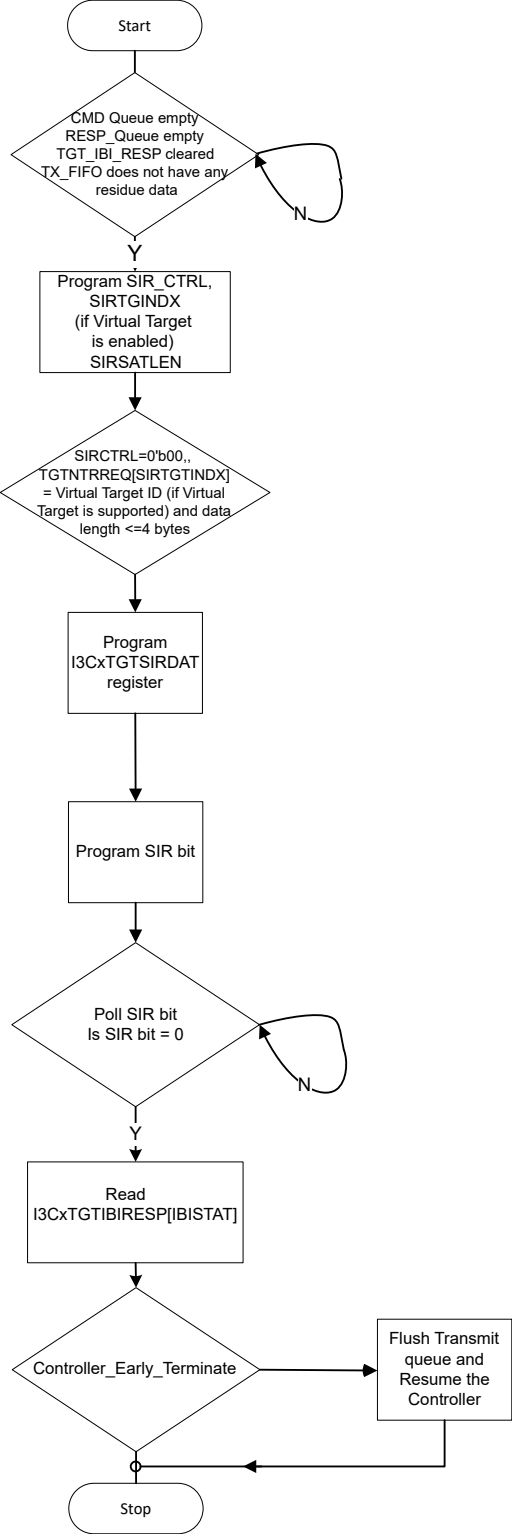
Start
CMD Queue empty
RESP_Queue empty
TGT_IBI_RESP cleared
TX_FIFO does not have any residue data
N
Y
Program SIR_CTRL, SIRTGINDX (if Virtual Target is enabled) SIRSATLEN
SIRCTRL=0'b00,, TGTNTRREQ[SIRTGTINDX] = Virtual Target ID (if Virtual Target is supported) and data length <=4 bytes
Program I3CxTGTSIRDAT register
Program SIR bit
Poll SIR bit
Is SIR bit = 0
N
Y
Read I3CxTGTIBIRESP[IBISTAT]
Controller_Early_Terminate
Flush Transmit queue and Resume the Controller
Stop