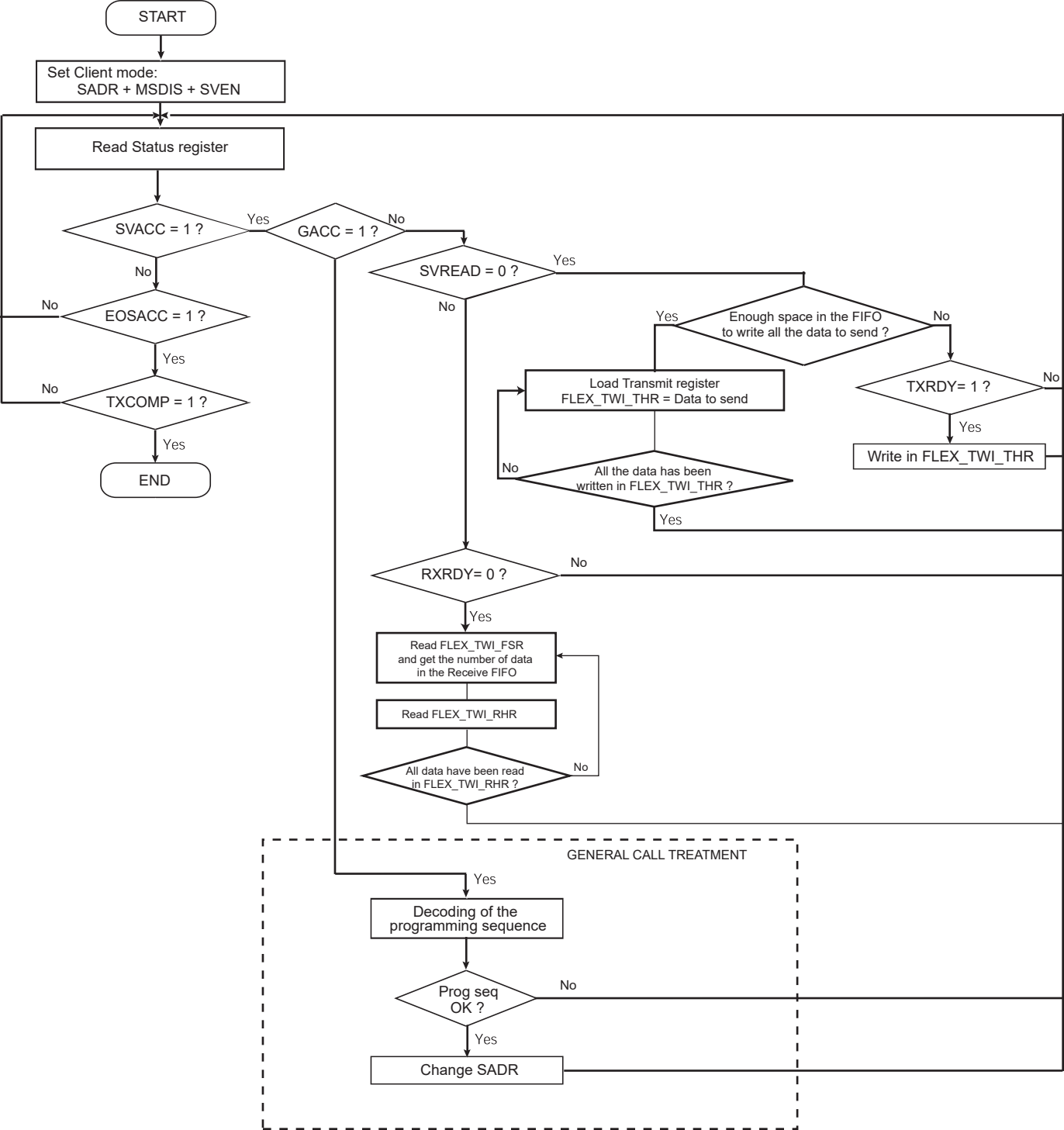
START
Set Client mode:
SADR + MSDIS + SVEN
Read Status register
SVACC = 1 ?
Yes
GACC = 1 ?
No
No
EOSACC = 1 ?
No
Yes
TXCOMP = 1 ?
No
Yes
END
SVREAD = 0 ?
Yes
No
Enough space in the FIFO
to write all the data to send ?
Yes
No
Load Transmit register
FLEX_TWI_THR = Data to send
TXRDY= 1 ?
No
Yes
Write in FLEX_TWI_THR
All the data has been
written in FLEX_TWI_THR ?
No
Yes
RXRDY= 0 ?
No
Yes
Read FLEX_TWI_FSR
and get the number of data
in the Receive FIFO
Read FLEX_TWI_RHR
All data have been read
in FLEX_TWI_RHR ?
No
GENERAL CALL TREATMENT
Yes
Decoding of the
programming sequence
Prog seq
OK ?
No
Yes
Change SADR