

START

Set Client mode:
SADR + MSDIS + SVEN + SMBEN + PECEN + ACMEN

Read Status register

SVACC = 1 ?

Yes

GACC = 1 ?

No

No

EOSACC = 1 ?

No

Yes

TXCOMP = 1 ?

No

Yes

END

SVREAD = 1 ?

Yes

TXRDY = 1 ?

No

Yes

Write in FLEX_TWI_THR

RXRDY = 1 ?

No

Yes

Read FLEX_TWI_RHR

GENERAL CALL TREATMENT

Yes

Decoding of the programming sequence

Prog seq OK ?

No

Yes

Change SADR