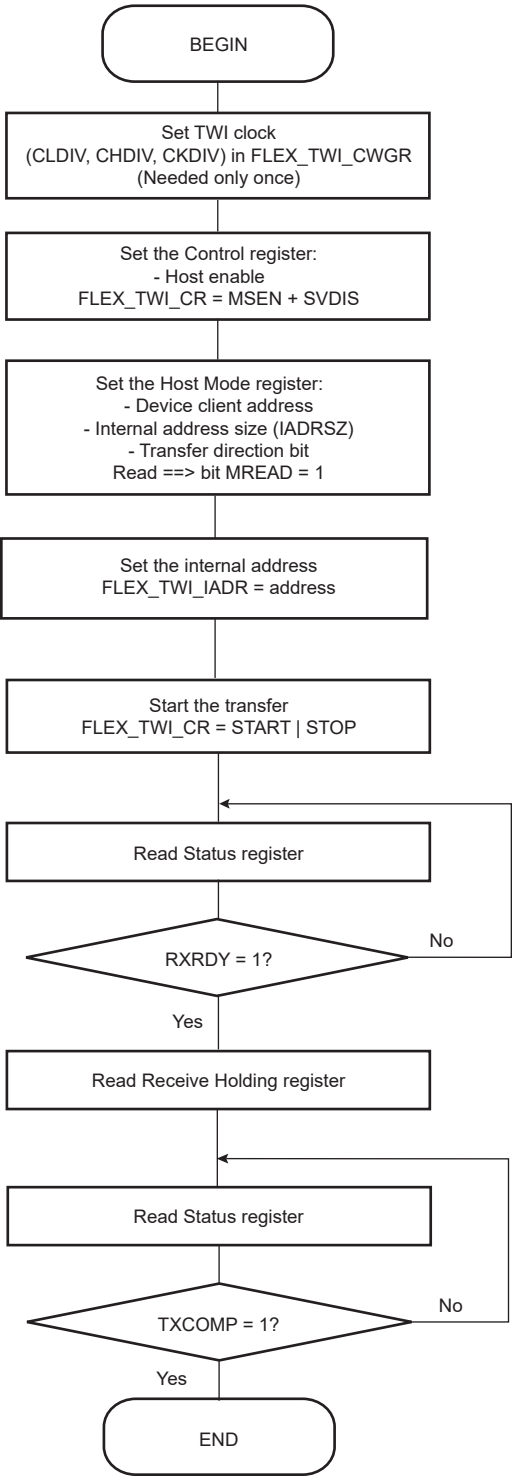
BEGIN
Set TWI clock
(CLDIV, CHDIV, CKDIV) in FLEX_TWI_CWGR
(Needed only once)
Set the Control register:
- Host enable
FLEX_TWI_CR = MSEN + SVDIS
Set the Host Mode register:
- Device client address
- Internal address size (IADRSZ)
- Transfer direction bit
Read ==> bit MREAD = 1
Set the internal address
FLEX_TWI_IADR = address
Start the transfer
FLEX_TWI_CR = START | STOP
Read Status register
RXRDY = 1?
No
Yes
Read Receive Holding register
Read Status register
TXCOMP = 1?
No
Yes
END