



Slave receive mode

In slave receive mode, may receive a certain number of data bytes from the master transmitter. The status code section referred to assume control bit prescaler "0".

To initiate the Slave receive mode, to set TWAR with TWCR register.

TWAR Must be set as follows:

TWA6	TWA5	TWA4	TWA3	TWA2	TWA1	TWA0	TWGCE
Device slave address							

TWAR height of 7 Bit is addressed by a master TWI Interface slave address will respond. If the LSB Position, TWI It responds to call address (0x00),

Otherwise ignore the call address.

TWCR Must be set as follows:

TWINT	TWEA	TWSTA	TWSTO	TWWC	TWEN	-	TWIE
0	1	0	0	0	1	0	x

TWEN It must be set to enable TWI interface, TWEA It must be set to cause the host address (slave address or a broadcast call) to return it to his profile ACK .

TWSTA with TWSTO It must be cleared.