

State Machine

Interrupt or response
to decide next state

Mighty Gecko

Si1133

START
Communications

Send PART_ID
Register Address
0x00

Prepare to write
RXDATA

Acknowledge

Send Stop Command

End

Clear IFC Register

ACK

ACK

RXDATA

RXDATAV

STOP Interrupt

Block Sleep Mode

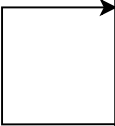
START COMMAND →

SLAVE ID<<1 | Write Bit →

← ACK

PART_ID REG ADDRESS →

← ACK



← RXDATA

→ ACK

← RXDATAV

STOP COMMAND →

Unblock Sleep
Mode