



# Leader I<sup>2</sup>C-Bus Controller with UART Interface

## SC18IM700IPW

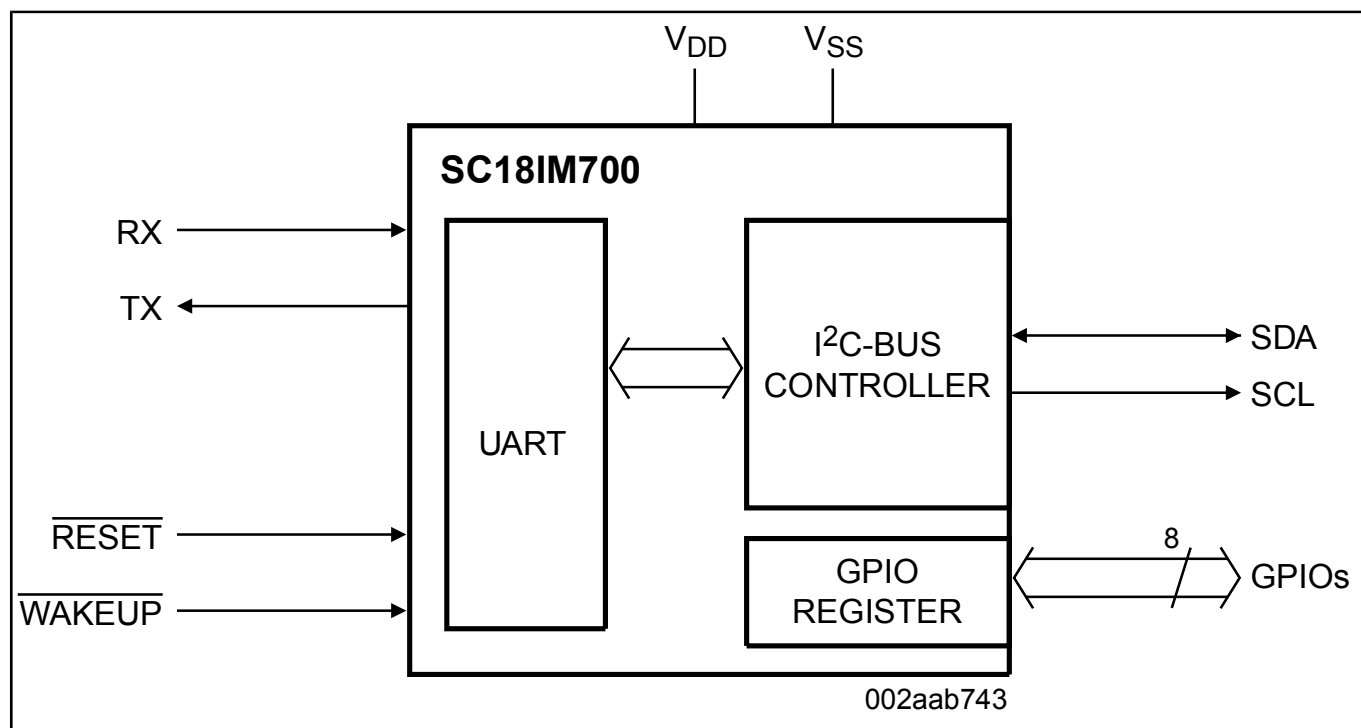
### Not Recommended for New Designs

This page contains information on a product that is not recommended for new designs.

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The SC18IM700 is designed to serve as an interface between the standard UART port of a microcontroller or microprocessor and the serial I<sup>2</sup>C-bus; this allows the microcontroller or microprocessor to communicate directly with other I<sup>2</sup>C-bus devices. The SC18IM700 can operate as an I<sup>2</sup>C-bus controller. The SC18IM700 controls all the I<sup>2</sup>C-bus specific sequences, protocol, arbitration and timing. The host communicates with SC18IM700 with ASCII messages protocol; this makes the control sequences from the host to the SC18IM700 become very simple.

## SC18IM700 Block Diagram



View additional information for [Leader I<sup>2</sup>C-Bus Controller with UART Interface](#).

**Note:** The information on this document is subject to change without notice.

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