

TI C2000 Toolbox SCI Write SCADA Widget

This document describes *SCI Write* SCADA widget from TI C2000 Toolbox widget library.

Short description

SCI Write widget is used to write messages to COM port and send them to the MCU. In order to successfully write (send) data to the MCU, generated code must include [SCI Receive Schematic Editor component](#) (and vice versa, *SCI Write* widget should not be present on SCADA panel if [SCI Receive](#) is not included in generated code). One instance of *SCI Write* widget should be used for each message included in [SCI Receive](#).

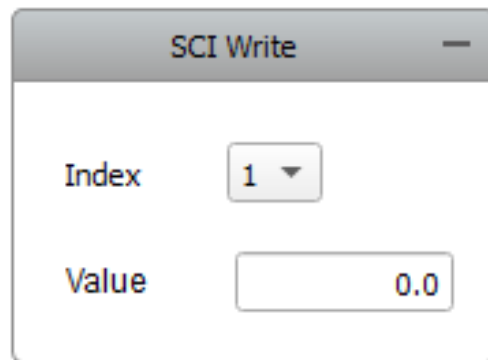


Figure 1. SCI Write widget.

IMPORTANT NOTE: [SCI Setup Schematic Editor component](#) and [SCI Setup SCADA widget](#) must be configured before attempting to send any message.

Parameters

- **Index** - message identification (index of the vector element). Messages are organized in the same way as they are in [SCI Receive Schematic Editor component](#).
- **Value** - message content (number) – **strings are not supported!**

Message is sent after inserting the value and hitting *enter* and on simulation start.