

# TI C2000 Toolbox SCI Setup SCADA Widget

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

## Short description

*SCI Setup* is the main widget for configuring serial communication between MCU and PC on the PC side. It is used to parametrize [pySerial](#) python module which is used to exchange data on PC COM port. Selected settings will be applied to *serial\_con* python object representing pySerial session instance.

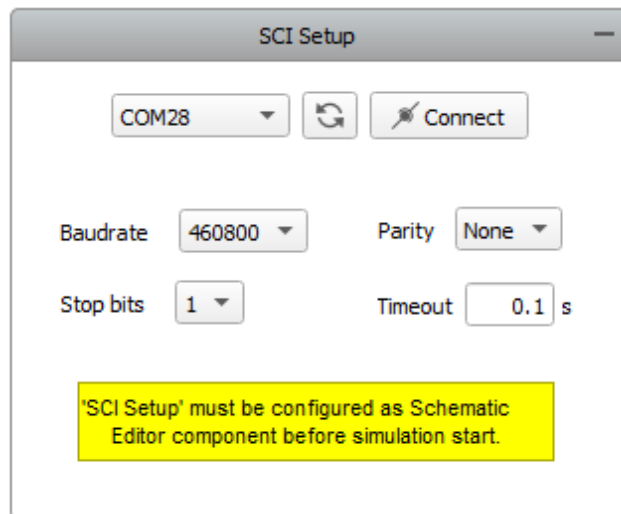


Figure 1. SCI Setup widget.

**IMPORTANT NOTE:** It is required to configure *SCI Setup* widget parameters in the same way as previously configured [SCI Setup Schematic Editor component](#) before opening connection and starting simulation. For details about *SCI Setup* parameters, see [SCI Setup Schematic Editor component](#) description.

**Exactly one *SCI Setup* widget must be used to utilize the serial communication successfully.**

*SCI Setup* widget will automatically detect COM port that is connected to the MCU. Nevertheless, it is recommended to check COM ports in windows *Device Manager*.

After parameters are configured and COM port is selected, click the **Connect** button to open the connection before simulation start.