SC-USB-SPI-PICO

USB-to-SPI Interface Adapter for SC1905 and SC1894

General Description

SC-USB-SPI is an adapter used for converting a computer's USB interface connection to the serial parallel interface (SPI) used by the SC1905 and the SC1894 (RFPAL).

It is recommended for prototypes debug and/or programming linearizer during manufacturing.

RFPAL GUI installation package installs necessary drivers in order to work on Windows® 7 or Windows 10 with USB 2.0 or USB 3.0.
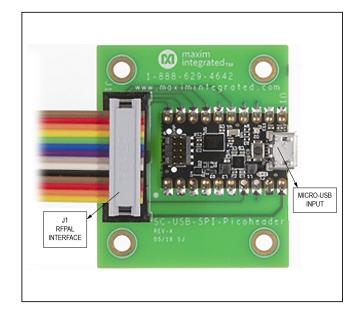
Features

- USB interface connection to the serial parallel interface to the SC1894 and the SC1905
- Windows 10, Windows 7
- USB 3.0 and USB 2.0

Connector Interface Descriptions

J1- RFPAL Interface

PIN	DESCRIPTIONS	CONNECTION TO RFPAL
1	WDT (Watch Dog Timer) *	J1-1 (TESTSEL2)**
2	Spare**	J1-2 (TESTSEL1)**
3	TESTSEL0	J1-3 (TESTSEL0)
4	STATO	J1-4 (STATO_B)
5	TXENB	J1-5 (TXENB)
6	RESETN	J1-6 (RESETN)
7	GND	J1-7 (GND)
8	SSN	J1-8 (SSN)
9	GND	J1-9 (GND)
10	SDO	J1-10 (SDI)
11	GND	J1-11 (GND)
12	SDI	J1-12 (SDO_B)
13	GND	J1-13 (GND)
14	SCK	J1-14 (SCLK)

* : For factory use only.

** : Signal not used on Evaluation Board (SC1894/SC1905)

Adapter Ordering Information

PART NUMBER	DESCRIPTION
SC-USB-SPI-PICO	Adapter from USB to interface to the SC1905 and SC1894 serial parallel interface

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Revision History

REVISION NUMBER	REVISION DATE	DESCRIPTION	PAGES CHANGED
0	12/18	Initial release	—

Mouser Electronics

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