FREQUENCY DEVICES™, INC.

Description

The SPPDB-01 is a development board and mounting assembly for Frequency Devices SPP-01 Series of signal-processing platforms. SPPDB-01's combined with SPP Series of platform products provide design engineers with versatile and cost effective hardware and software solutions to meet their data acquisition, design and product development needs.

## Available Platform Solutions Include:

- SPPDS-01 Development Suite for the SPP-01
- SPP-01   Signal processing platform hardware
- SPPOSC   Low distortion oscillator to –100 dB
- SPPPF   Standard and custom DSP filter solutions
- SPPDF-01 FIR Filter Development Suite
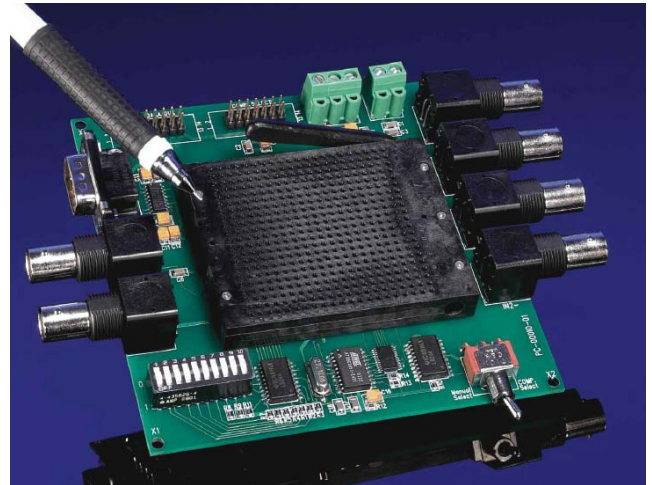
SPPDB-01 boards may be purchased individually or as part of either the SPPDS-01 or SPPDF-01 development suites, to communicate with, design, and configure SPP-01 signal processing platform solutions. BNC signal I/O ports, power supply connection blocks and easy access to stored programs via a manual or RS232 computer interface make set-up and utilization of SPP Series of platform products a breeze. SPP-01 Series of products shorten the engineering product development cycle while allowing the user to design and introduce new products and solutions in the shortest possible time.

Features

- Ease of use; BNC signal I/Os with reusable, zero insertion socket.
- Compatible with all SPP-01 series platform products.
- Included in both the SPPDS-01 and SPPDF-01 development suites.
- Designed for repeated use by customers who wish to program and/or bread board SPP-01s.
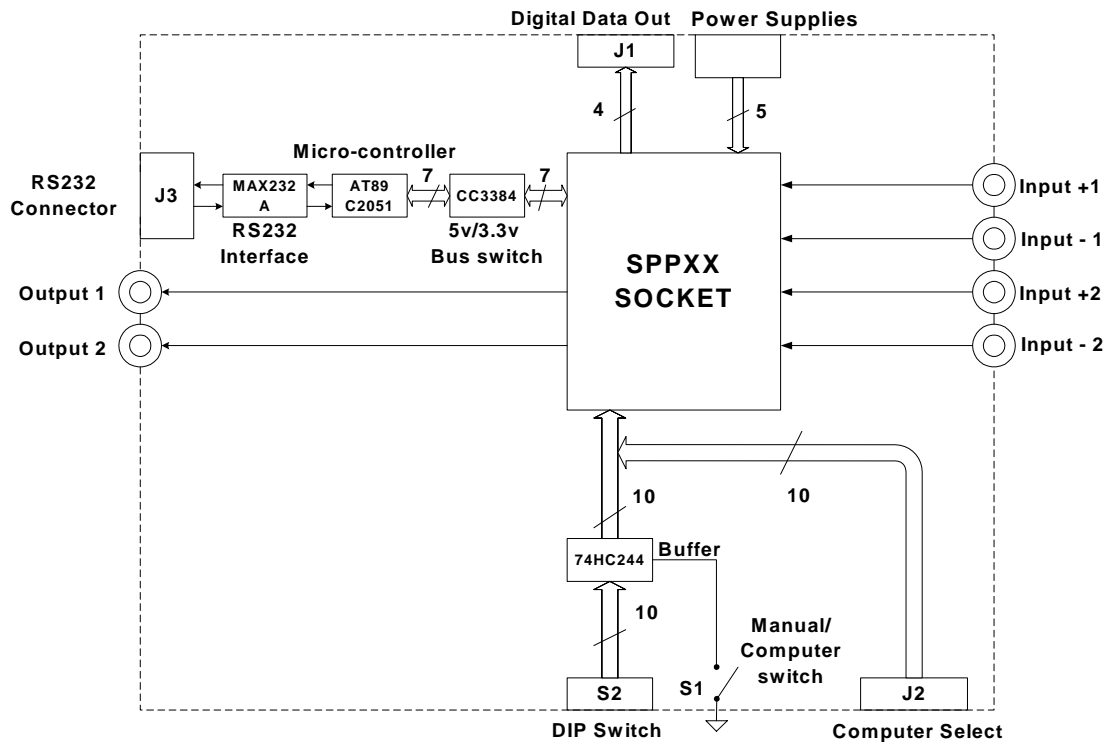
SPPDB-01 BLOCK DIAGRAM
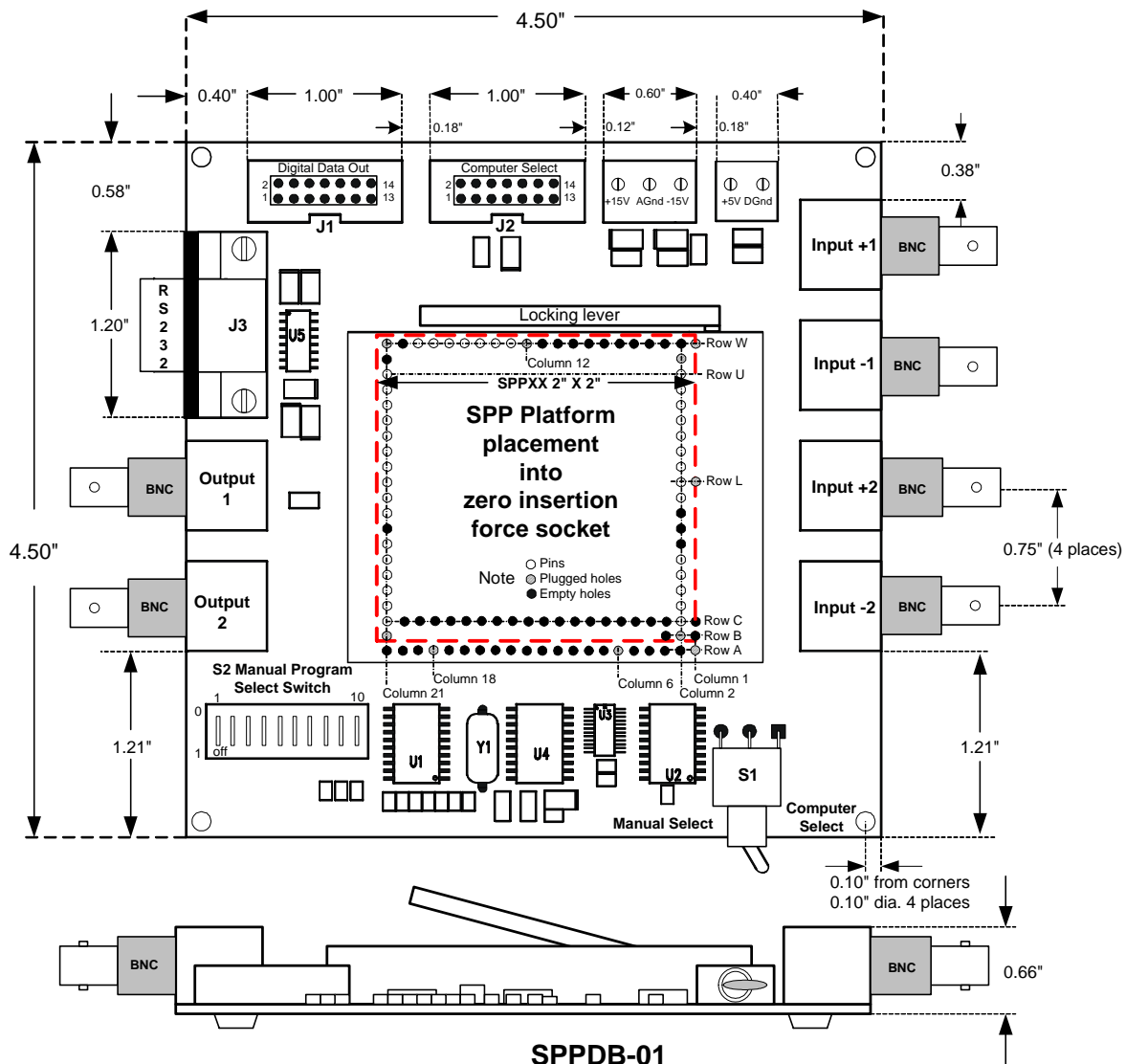
SPPDB-01
DEVELOPMENT BOARD AND
MOUNTING PLATFORM FOR
SPP-01 PRODUCT FAMILIES.

Socket pin-out information

J1 (Digital Data output port)

1	SCLK (Serial Clock)
2	LRCK (Left / Right Clock)
3	SDOUT (Serial Data Out)
4	MCLK (Master Clock)
5-15	All Grounds

J2 (Computer Select)

1 to 10 D_0 to D_9 (Program select Port) for SPP-01 series products.
11 to 12   Grounds
13 to 14   No connects

J3 (RS-232 Program port)

1,4 to 9	All Grounds
2	Receive
3	Transmit

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