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Devices, Inc.

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All Design Resources

## 5B Series Accessories

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To simplify the board design process for designers and to complete the 5B Series subsystem solution, the following accessories are available.

### CJC Sensor

**Model AC1361** temperature sensor provides cold junction temperature measurement for thermocouple applications on user-designed backplanes or mounting boards. These SIP temperature sensors are provided on each channel of all Analog Devices, Inc. backplanes and mounting boards.

**AC1361 #2**

Model  
AC1361

This product is not available from IOStore, our online order entry system. You must order it direct from an [Analog Devices sales representative](#).

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### Current Conversion Resistor

**Model AC1362** is a 20 **ohm**, 0.1% (typical), 1/8 watt, 20 ppm/°C replacement plug-in resistor that is fully encapsulated. The AC1362 is supplied with each [5B32](#) Current Input Module.

**AC1362**

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Model

AC1362

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### Single Channel Socket

A single channel test socket with screw terminals and cold junction compensation for module evaluation. DIN rail compatible. **Model AC1360.**

**AC1360**

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Model AC1360

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## Rack Mount Kit

**Model AC1363** is a single-piece metal chassis for mounting the 5B01, 5B02, 5B08 or 5B08-MUX [backplanes](#) in a 19" rack, requiring 19" x 3.5" area. Additionally, the encapsulated [power supplies](#), Models 955, 977 and PWR-01, as well as the [AC1324](#) interface card, may be mounted on the rear of the AC1363 using mounting holes provided.

[AC1363](#)[Order Now](#)

Model AC1363

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## Cables

The **AC1315** is a 2' (60cm) 26-pin flat ribbon cable with two connectors. Used with the [AC1324](#) screw terminal interface board, the AC1315 cable connects directly to either the P1 or P2, 26-pin I/O system connector on the 5B Series [backplanes](#).

[AC1315](#)[Order Now](#)

Model AC1315

The **CAB-01** is a 26-pin cable with 3 connectors used to daisy-chain 5B02 16-channel, or 5B08-MUX 8-channel mux [backplanes](#). The number of CAB-01 cables needed is equal to the number of backplanes to be connected minus one. A maximum of four backplanes can be chained together, requiring three CAB-01 cables and one AC1315 cable (or similar cable) to connect to an interface board or control system.

[CAB-01](#)[Order Now](#)

Model CAB-01

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## Power Supplies and Power Cord

**Models 955, 977 and PWR-01** are chassis mounted AC/DC, regulated, + 5 V dc output power supplies which can be mounted on the rear of Model [AC1363](#) rack mount kit, using mounting screws provided. Since these modular supplies are fully encapsulated, no external components are required - simply mount the unit and connect AC power - using **Model AC1340-D** power cord (in U.S.A.)- and output leads. Refer to the [Power Supply section](#) for complete electrical and mechanical specifications on these power supplies.

[PWR-01/955/977](#)

Models:

[Order Now](#) 955,  
[Order Now](#) 977 and  
[Order Now](#) PWR-01[back to top](#)

## Interface Board

**Model AC1324** is a universal interface board with a 26-pin I/O connector and 26 I/O screw terminals. The 26-pin connector accepts the AC1315 or CAB-01 cables from a 5B Series 5B01, 5B02, 5B08 or 5B08-MUX [backplane](#) and provides 26 screw terminals for interconnecting to any analog I/O subsystem. This interface board might be used with programmable controllers, for example. It can be mounted to the [AC1363](#) rack-mount kit or in a snap track. Standoffs are included with the AC1324 and should be used if it is mounted on the back of the AC1363 rack mount kit.

[AC1324](#)

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Model

AC1324

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## 5B Series User Manual

**Model AC1364** is a complete reference manual providing detailed information on setting up the 5B Series subsystem.

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