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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.

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



Model AC1361

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Current Conversion Resistor

Model AC1362 is a 20 Ω , 0.1% (typical), 1/8 watt, 20 ppm/ $^{\circ}$ C replacement plug-in resistor that is fully encapsulated. The AC1362 is supplied with each [5B32](#) Current Input Module.

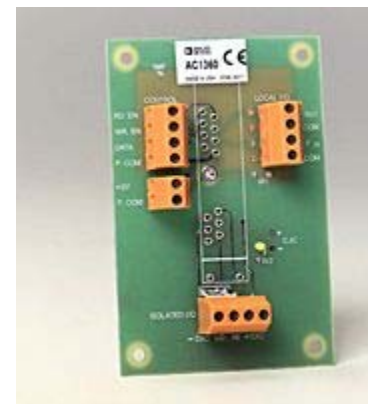


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Single Channel Socket

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



[Order Now](#) 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.



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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](#).



[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.



[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.



Models:

[Order Now](#) 955,

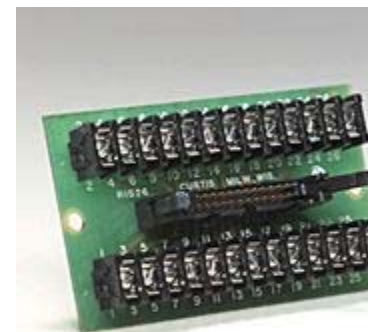
[Order Now](#) 977 and

[Order Now](#) PWR-01

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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.



[Order Now](#) 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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