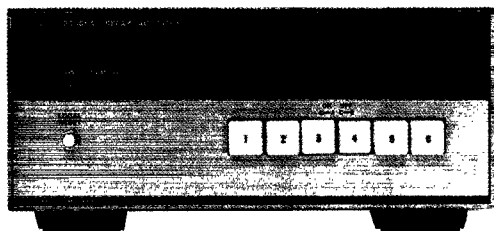


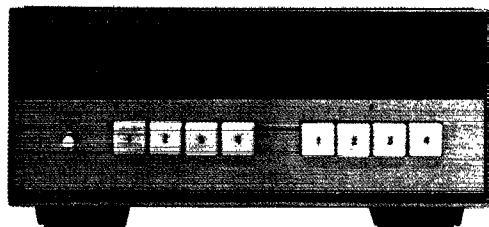
HEWLETT-PACKARD INTERFACE BUS

Interconnect Systems

HP 59306A, 59307A, 59401A, 59501B



HP 59306A



HP 59307A



HP 59501B



HP-IB Accessory Modules

Modules in the HP 59300, 59400 and 59500 Series are ideal building blocks to extend the measurement capabilities of instruments. Modules can be interconnected via the HP-IB to HP measuring instruments, signal sources, and recording devices capable of operating directly on the HP-IB. In addition, these modules frequently serve to interconnect with devices which are not themselves capable of direct HP-IB operation.

HP 59306A Relay Actuator

Six Form-C relays provide control of external devices either manually from front panel pushbuttons or remotely from the HP-IB. Relay contacts are specified to switch 28 V dc or 115 V ac at 0.5 A. Each relay can be programmed independently or multiple relays can be switched together. Front panel pushbuttons light to indicate the state of each relay.

The HP 59306A is ideal for providing control of microwave coaxial switches (HP 8761A/B) as well as control of microwave programmable step attenuators (HP 8494 through 8496G/H) using external dc power supplies.

HP 59307A Dual VHF Switch

This module provides two single-pole 4-throw switches controlled from front panel pushbuttons or remotely from the HP-IB. The HP 59307A is a dc to 500-MHz 50 Ω switch designed to maintain fast pulse transition times. The switches are independent and bidirectional for optimum use in multiplexing 50 Ω signal lines into measuring instruments. The HP 59307A is ideal to switch a standard delay, frequency, or voltage into a measurement loop for purposes of system calibration.

HP 59501B Power Supply Programmer (Isolated DAC)

This single-channel digital-to-analog converter can control a wide range of power supplies (output voltage, or current), as well as other analog programmable devices. It may also be used as a low level signal source, depending on the speed of the controller. It has two output ranges: 0–1 and 0–10 V dc in unipolar mode; –1 to +1 and –10 to +10 V dc in bipolar mode. Photo-isolators electrically separate HP-IB control and data lines from power supply circuitry by up to 600 V dc. (For additional details see page 535).

HP Model	Description	Dimensions—max. height \times width \times depth mm (inches)	Net Weight kg (lb)	Shipping Weight kg (lb)	Price
HP 59306A	Relay Actuator	101.6 \times 212.9 \times 294.6 (4 \times 8.38 \times 11.6)	2.64 (5.87)	3.23 (7.18)	\$2,400
HP 59307A	VHF Switch	101.6 \times 212.9 \times 294.6 (4 \times 8.38 \times 11.6)	2.64 (5.87)	3.23 (7.18)	\$2,000
HP 59401A	Bus System Analyzer	145.5 \times 205.1 \times 495.3 (5.73 \times 8.08 \times 19.5)	5.64 (12.44)	9.1 (20)	\$5,700
HP 59501B	Power Supply Programmer	101.6 \times 212.9 \times 294.6 (4 \times 8.38 \times 11.6)	2.61 (5.80)	3.17 (7.04)	\$1,100