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SCSI488/S™

SCSI/IEEE 488 Controller for Sun SPARCstations

Features

No SBus slot required

- **Control IEEE 488 instruments from the SCSI port on SPARCstation workstations**
- **Complete IEEE 488 talker/listener/controller capability**
- **High-speed data transferup to 1 Mbyte/s**
- **Compatible with SunOS 4.1.3c, as well as Solaris 2.x**
- **Includes Driver488/S UNIX device driver & language interface**
- **Uses familiar HP-style IEEE commands**
- **Build a complete data acquisition system using IOtech Data Acquisition Instruments**



SCSI488/S brings IEEE 488 control to SPARCstations via the SCSI port

The Industry Standard for SPARC-based IEEE

SCSI488/S allows you to control up to fourteen IEEE instruments from the SCSI port of a Sun SPARCstation. The SCSI488/S microprocessor automatically converts data between SCSI and IEEE protocols. During block data transfers, transfer rates of up to 1 Mbyte/s are attainable. Four SCSI488/S interfaces can be attached to one SPARCstation, enabling the control of up to fifty-six IEEE devices.

Users can employ the two SCSI connectors on the SCSI488/S rear panel to easily daisy-chain other SCSI peripherals, such as disk and tape drives. The unit's all-metal case and connectors form an effective shield that minimizes EMI. The unit is designed for use on the desktop, but also includes rack-mount hardware that permits its use in a standard 19" rack.

Catalyst Advantage Program

Specifications

IEEE 488 Interface

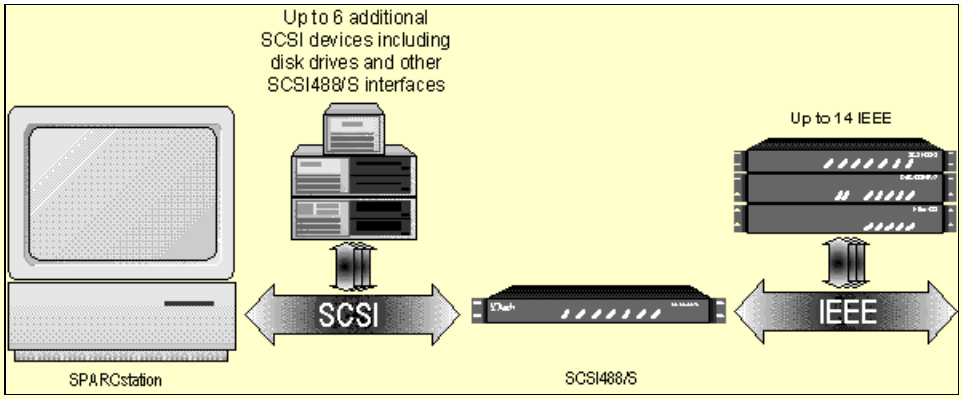
IEEE 488 Implementation: SH1, AH1, T6, TE0, L4, LE0, SR1, PP0, DC1, RL0, & E1
Controller Subsets: C1, C2, C3, C4, & C10
Connector: Standard IEEE 488 connector with metric studs

SCSI Interface

SCSI Implementation: Asynchronous data transfers, parity generation and checking, processor device, compliant with X3.1311988
Termination: Built-in; removable for chaining on the SCSI bus
Drivers/Receivers: Single-ended
Connectors: Two 50-pin shielded, ribbon contact (alternative 2 in X3.311988)

System Requirements

Computer: SPARCstation family (including SLC and SLX); connects to external SCSI port
Operating System: SunOS 4.1.3c and Solaris 2.x; contact the factory for the latest version available for your Sun model



General

Indicators: LEDs for IEEE Talk, IEEE Listen, IEEE SRQ, SCSI Send, SCSI Receive, Error, & Power
Dimensions: 425 mm wide x 203 mm deep x 45 mm high (16.25" x 8" x 1.75")
Weight: 4.5 kg (10 lbs)
Power: 105 to 125V, 60 Hz; or 210 to 250V, 50 Hz; 10 VA max
Environment: 0° to 35°C; 0 to 70% RH non-condensing

Ordering Information

Description	Part No.
SCSI/IEEE controller with Driver488/S software (supplied on quarter-inch tape & 3.5" disk)	SCSI488/S
Sun Micro D-50 to SCSI cable for SPARCstation (required for connection to computer)	CA-50
Waveform analysis software for Sun	DADiSP/PRO-Sun
Shielded IEEE 488 cable, 6 ft	CA-7-3

(Refer to Accessories for more information.)

SB488™ ← Catalog Contents → SCSI488/D™

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