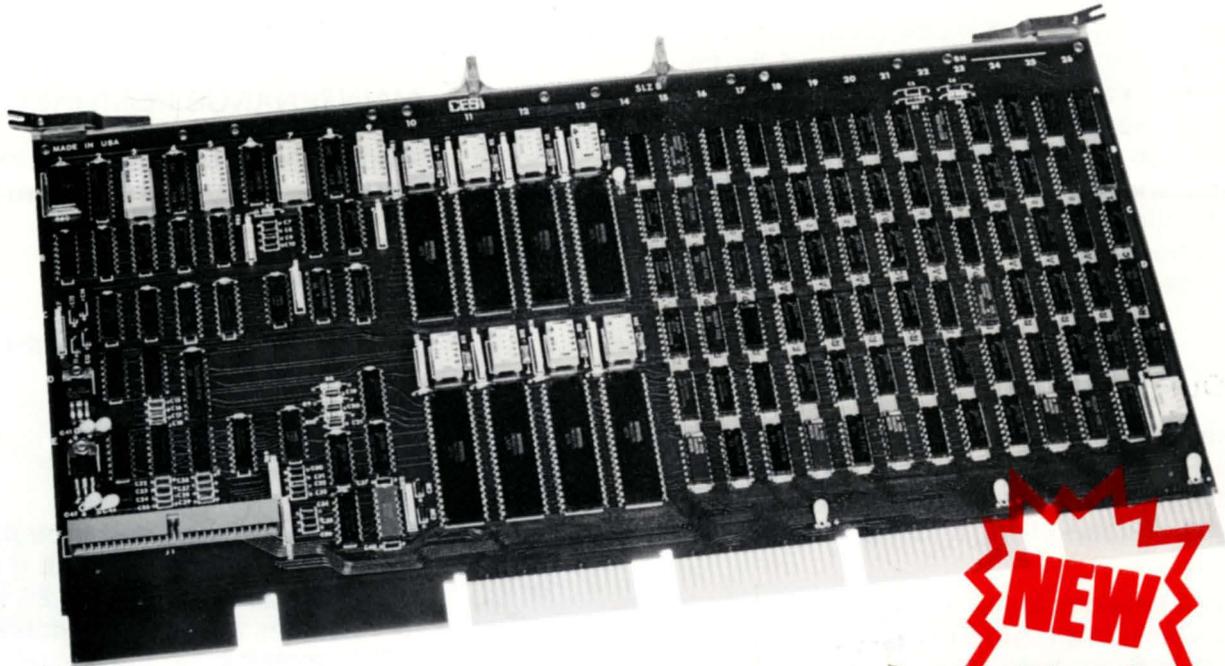


8 LINE ASYNCHRONOUS MULTIPLEXER For PDP-8 and/or CESI OMNIPAC computers.



DATA SHEET NO. SL 183

SYSTEM FEATURES

PDP-8/OMNIPAC COMPATIBILITY

Complete hardware compatibility with the DEC PDP8-A and CESI OMNIPAC.

- Utilizes a similar instruction set to the DEC KL8A.
- 16 standard baud rates of 50 to 19.2 Kbaud. (switch selectable)
- Programmable character formats on each line. (switch selectable)
- Full modem control on one line - limited modem control on 7 lines.
- Single HEX width board for eight channels.
- 16 channel RS-232 cable distribution panel.

PDP and DEC are trademarks of the Digital Equipment Corporation.

PERFORMANCE SPECIFICATIONS

ASYNCHRONOUS TRANSMISSION

All eight channels on the SLZ8 have EIA input/output capability. The EIA level converters meet or exceed the electrical specifications of EIA specification RS-232-C.

SILO

Included in the SLZ8 is a 64-character buffer called a silo. Serial data received by the SLZ8 is transferred to the top of the silo forcing words already in the silo down to the last open location. The program may either empty the silo with a series of MSRD (read) instructions storing the data for future interpretation by a service routine or unload and service each word one at a time.

MODEM CONTROL CAPABILITY

Lines 0, 1, 2 provide for partial modem control. Features are skip on ring; data terminal ready; request to send (permanently enabled); read the status of ring and read the status of carrier.

Line 3 provides for full modem control. Features include all partial modem features plus clear to send; secondary receive; programmable secondary transmit; request to send; data terminal ready; speed select.

Lines 4-7 features data terminal ready and request to send permanently enabled.

PHYSICAL SIZE

One hex-size module fits into one slot.

MODEMS SUPPORTED

The following Bell-series modems and their equivalents are supported by the SLZ8:

Bell series 103A and F
113
202C and D
103E, G, and H
811B

MAINTENANCE FEATURES

A control word can enable an internal loop-back for testing the control board and UART's.

CC05W CABLE

A 15 foot cable that connects the SLZ8 to the DB8E distribution panel.

DP8E

The DP8E can serve as a central distribution point for up to sixteen lines. It occupies a rack-mountable space of 5.25 inches high by 19 inches wide by 5.25 inches deep. The DP8E contains 16 EIA female connectors, on-board jumpers to allow selection of modem and null-modem connections, the DP8E also provides high-voltage arc suppression for all 16 lines.

POWER REQUIREMENTS

+5	-15	+15
1.4 amps	450 ma.	150 ma.

ONE YEAR WARRANTY CESI unconditionally warrants all of its products for one full year, and will immediately ship a replacement unit upon notification of malfunction.

ORDERING

For current information on prices and delivery, call **(713) 488-8830**, or write to our **Marketing Department**. Quantity discounts quoted upon request.
