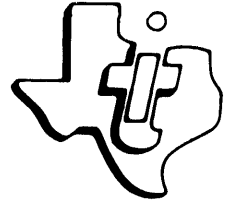


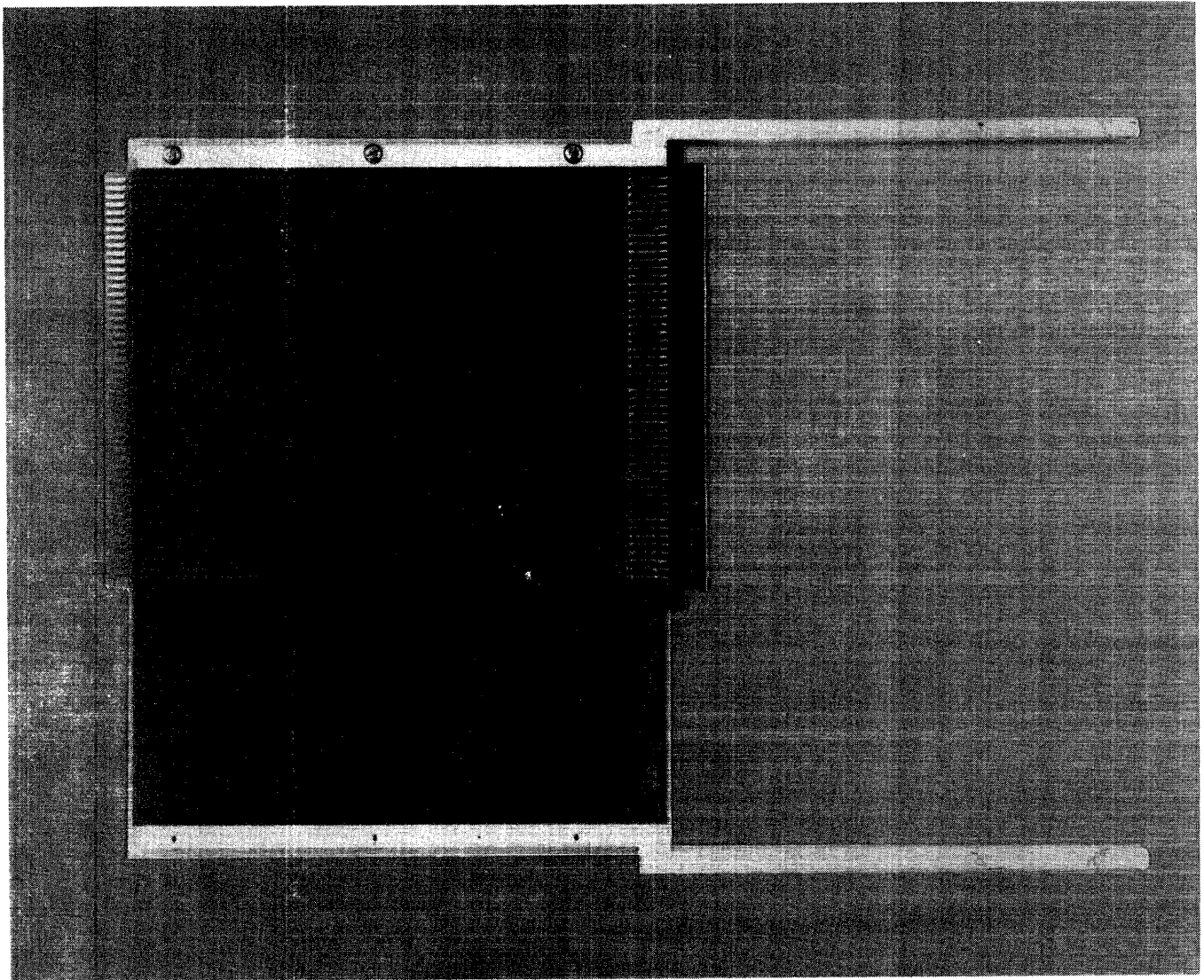
The Engineering Staff of  
TEXAS INSTRUMENTS INCORPORATED  
Semiconductor Group



**TM 990/511  
EXTENDER  
BOARD**

OCTOBER 1977

**TEXAS INSTRUMENTS**  
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**FIGURE 1 – TM 990/511 EXTENDER BOARD**

**IMPORTANT NOTICE**

Texas Instruments reserves the right to make changes at any time in order to improve design and to supply the best product possible.

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## TM 990/511 EXTENDER BOARD

### 1. GENERAL

The TM 990/511 extender board (Figure 1) allows the user easy access to a printed circuit board while the board is connected to the backplane bus of the TM 990/510 card chassis. This facilitates the probing of a printed circuit board such as a prototyping board which contains circuits under development.

Before using the board, check the board for any abnormalities that could have occurred in shipping. Report any discrepancies to your supplier.

### 2. INSTALLATION IN CHASSIS

#### CAUTION

Always remove the power before removing or inserting a board into the TM 990/510 card chassis; otherwise, damage could occur to card components.

- (1) Remove power to card chassis.
- (2) Insert extender board into card chassis, firmly seating the connector into the chassis backplane socket.
- (3) Insert card to be probed into the extender board guide arms, firmly seating the card's connector into the 100-pin socket.
- (4) Apply power.



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**MP 333**

**Printed in U.S.A.**