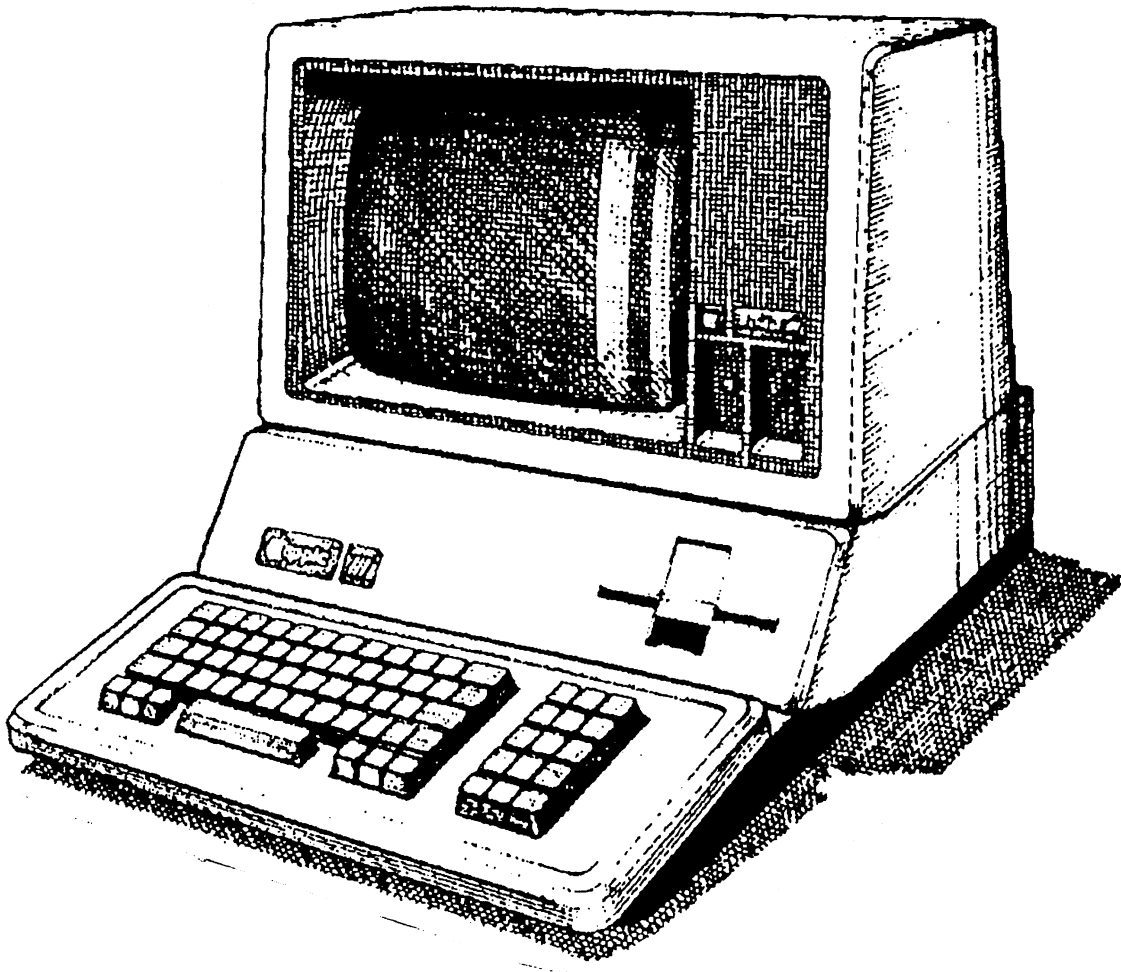




## Apple /// Computer Information



DOCUMENT NAME	#
SPECIFICATION: APPLE III OEM PROTOTYPING CARD	March 1982 45

**Ex Libris David T. Craig**

# Apple III OEM Prototyping Card

An Effective Aid for Custom Interface Design

MAR 82

Apple's OEM Prototyping Card is a convenient, modular printed circuit card on which to build custom interfaces for the Apple III Computer System. The card offers ample space to handle the majority of interface designs. It accommodates most integrated circuits and components, and has built-in facilities for attaching a variety of edge connectors and switches to your circuits. Also included are decoupling networks and shields to ensure maximum immunity from RF noise.

Equally important, the OEM Prototyping Card assures you of Apple product quality and compatibility. The card is double-sided, with plated-through holes for positive connection. And its 50-pin, gold-plated edge connector plugs right into any unused expansion slot in your Apple III, giving you complete access to all of the signals on the bus.

Even the most advanced custom interfaces for the Apple III are easier to design and more reliable to use when you start with Apple's OEM Prototyping Card.

**Benefits**

**The Apple III OEM Prototyping Card...**

- simplifies designing even the most advanced system interfaces with its convenient, built-in RF shielding, power bus, and other features...
- allows greater flexibility, because it accepts a wide range and combination of components mounted in various positions...
- saves you time and money implementing Apple III custom interfaces by reducing the effort required to assemble working prototypes...
- assures you of Apple reliability and compatibility, because of the card's high-quality printed circuits, connectors, and construction.

**System Configuration**

To use the Apple III OEM Prototyping Card, you will need:

- any Apple III system with an available expansion slot.

**Technical Specifications**

**Circuit Development Area (A):**

- 5.40" x 3.70" space;
- 0.10" hole spacing;
- accepts up to 42, 14-pin; 36, 16-pin; 24, 24-pin; or 12, 40-pin DIP packages; or combinations thereof.

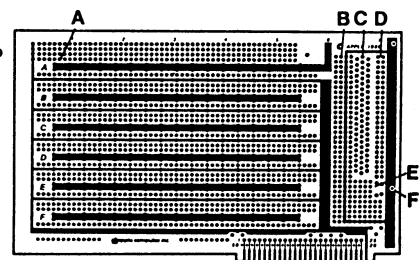
**Input Buffering Area (B):** for installation of RFI isolation circuitry.

**Connector Interface Areas:**

- Area C: for up to 67-pin, "D"-type connectors;
- Area D: for up to 50-pin, ribbon cable connectors.

**Additional Board Areas:**

- SPST switch position (E);
- RF Shield (supplied) connection points (F);
- 50-pin, gold-plated edge connector.



**The Apple III OEM Prototyping Card Package Order No. A3B0001**

With your Apple III OEM Prototyping Card order, you will receive:

- OEM Prototyping Card;
- twelve ferrite bead inductors for RFI isolation;
- one RF Shield;
- four power supply decoupling capacitors;
- instruction manual (includes Apple III Bus technical description).