



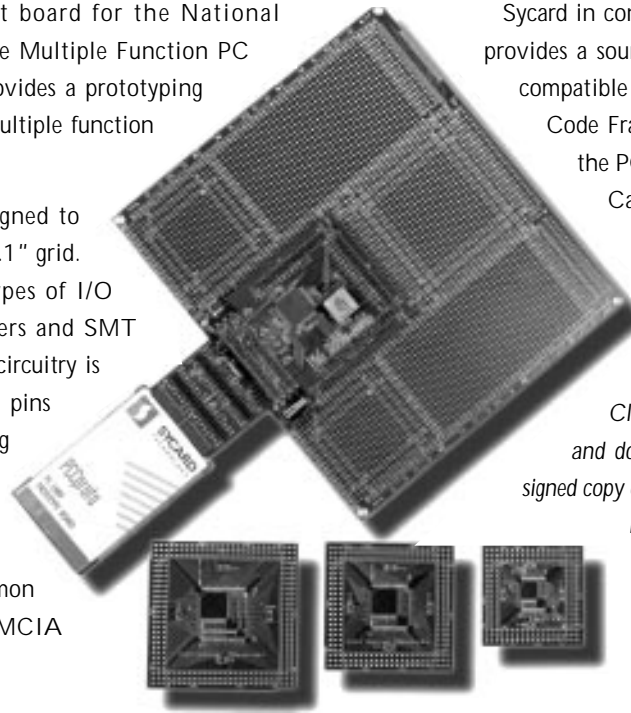
SYCARD
TECHNOLOGY

PRODUCT BRIEF
PCCproto 200
PC Card Prototype Board

OVERVIEW

The PCCproto 200 is a development board for the National Semiconductor PCM16C02 Configurable Multiple Function PC Card Interface Chip. The PCCproto provides a prototyping and evaluation platform for a single or multiple function PC Card design.

The flexible prototype area is designed to accept through-hole components on a 0.1" grid. The user may install the following types of I/O connectors: 0.1" headers, DB-xx headers and SMT headers. The PCM16C02 and associated circuitry is included on a plug-in daughter board. All pins of the PCM16C02 are available for probing on easy to reach 0.1" pins. Three other optional daughter boards can be assembled on the prototyping board. These daughter boards support the common TQFP packages commonly used in PCMCIA applications.



Sycard in conjunction with National Semiconductor provides a source code framework for a PC Card '95 compatible client. The PCM16C02 Client Source Code Framework provides an interface between the PCM16C02 and a PC Card '95 compliant Card Services. The designer can use this code as a starting point for developing their own Card Services Client.

Note: The PCCproto 200 includes a license agreement for the PCM16C02 Client Source Code Framework. Source code and documentation will be shipped as soon as a signed copy of the license agreement has been signed and returned. The license agreement specifies that the source code will be used in conjunction with National's PCM16C02.

KEY FEATURES

- Works in Type I, II, III and IV slots
- National PCM16C02 PCMCIA Interface Chip
- On-board Attribute EEPROM
- Multi-layer board provides low noise prototyping environment
- Large prototype area
- Supports the PC Card '95 Standard
- Dual LEDs indicate 3.3 V or 5 V Vcc
- Vcc current measurement header
- Includes pads for through hole and SMT I/O connectors
- 68-pin header allows scope or logic analyzer connections
- Ground and Vcc test points for easy scope connections
- Over-current protection built in
- Headers for optional piggyback SMT boards.

ACCESSORIES SUPPLIED

- PCCproto User's Manual
- PCM16C02 applications notes
- PCM16C02 datasheet
- PCM16C02 client driver framework source code license agreement

MECHANICAL SPECIFICATIONS

Physical

Width 7.7" (19.6 cm)
Length 11.7" (29.7 cm)
Thickness 0.7" max
Weight 8 oz

AVAILABILITY

NOW

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