

# Apple III Port C: RS-232-C Pinouts & Configuration (10/94)

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TOPIC -----

The following table explains how use System Utilities to configure the driver for the RS-232 port (Serial Interface and Serial Card III). Remember to set the slot number on the Serial Card III driver.

DISCUSSION -----

## Data Configuaration Blocks:

Data Configuration	
Block Address:	\$00
Baud rate:	
110	\$03
134.5	\$04
300	\$06
600	\$07
1200	\$08
1800	\$09
2400	\$0A
4800	\$0C
9600	\$0E

## Data Configuration

Block	Address:	\$00	\$01			
Data Format:						
Bits Parity						
8	none		\$00			
7	odd		\$22			
7	even		\$26			
7	MARK		\$2A			
7	SPACE		\$2E			
6	odd		\$42			
6	even		\$46			
6	MARK		\$4A			
6	SPACE		\$4E			

Data Configuration \*

Block Address: \$00 \$01 \$02 \$03 \$04 \$05 \$06 \$07 \$08 \$09 \$0A \$0B Comm Protocol: \$00 none XON/XOFF \$80 \$13 \$11 \$DF \$84 \$00 ENQ/ACK \$40 \$05 \$06 \$50 \$00 \$40 \$03 \$06 ETX/ACK \$50 \$00 HW Handshake \$00 \$DF \$84 \$80

\* \$02 - Delay after CR
\* \$03 - Delay after LF
\* \$04 - Delay after FF

Delays (bytes \$02, \$03, and \$04)

Using this driver to connect to a printer may require that you set delay times while the printer advances to a new line or the top of a new page. These delays are given in the range \$00...\$FF characters. The RS-232 driver will wait for the time taken to transmit the amount of character specified before it sends the following character.

#### Pinouts:

### DB-25

Cor	nnector	Signal Name		
1		Shield Ground		
2		Transmit Data	(Tx)	
3		Receive Data	(Rx)	
4		Request to send	(RTS)	
5		Clear To Send	(CTS)	
6		Data Set Ready	(DSR)	
7		Signal Ground		
8		Data Carrier Detect		(DCD)
20		Data Terminal Ready		(DTR)

Serial Card III has a modem eliminator button; when this button is "in", the above pinouts are correct. If the button is "out", this has the effect of a modem eliminator cable being installed. (For more information on modem eliminator cables, search this database for MODEM AND ELIMINATOR.)

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Support Information Services

The Apple Interface Manual, Apple Computer (UK) Ltd.

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