



Tech Info Library

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

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Security: Everyone

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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 Configuration 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:													
none						\$00							
XON/XOFF						\$80	\$13	\$11	\$DF	\$84		\$00	
ENQ/ACK						\$40	\$05	\$06			\$50	\$00	
ETX/ACK						\$40	\$03	\$06			\$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

Connector	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.)

Article Change History:

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Support Information Services

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

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