

# IC113C

## DUAL PORT RS232/422/485

Status: Available

### FUNCTIONAL NOTES:

THIS CARD UTILIZES THE SAME 16550 UART CHIP FOUND IN THE IBM ASYNCHRONOUS ADAPTOR. THIS CHIP FEATURES PROGRAMMABLE BAUD RATE, DATA FORMAT AND INTERRUPT CONTROL. REFER TO THE IBM TECHNICAL REFERENCE FOR DETAILS ON PROGRAMMING THE CHIP.

THIS CARD ALLOWS YOU TO CONFIGURE TWO RS232 PORTS, TWO RS422/485 PORTS, OR ONE OF EACH. THE CARD ALSO INCLUDES A SERIAL UTILITY DISKETTE WITH SEACOM, A DOS INTERRUPT AND DRIVER PACKAGE. SEACOM ALLOWS DATA TO BE BUFFERED, ELIMINATING DATA LOSS IN HIGH SPEED DATA TRANSFERS. IT ALSO ALLOWS MORE THAN 4 PORTS (256 MAX.) TO BE CONFIGURED AND UTILIZED UNDER DOS.

\* \* \* \* No ECHO SUPPRESSION in 2 wire mode \* \* \* \*

This card DOES NOT support IRQ sharing in a PROTECTED MODE Operating System, because it does not have an Interrupt Status Register.

The Receivers are always biased.

\* DIFFERENCES BETWEEN IC600C, IC051C AND IC113C:

IC600C - Only supports IRQ's 2,3,4,5 (No AT (the higher) IRQ's). No auto enable. 16550 UART

IC051C - Supports Auto Enable and the AT IRQ's. 16550 UART

IC113C - Supports 232 and 422/485, the AT IRQ's, but no auto enable. 16550 UART

### PACKAGE INCLUDES:

1 - Interface Card

1 - CD (contain the Drivers and Manual)

### PRODUCT SPECIFICATIONS:

<b>Physical</b>	
<b>Weight</b>	.2lb (0.1kg)
<b>Dimensions</b>	5W x 7.5L" (12.7 X 19CM)
<b>Diagnostics</b>	SERIAL UTILITY DISK INCLUDED WITH DIAGNOSTICS
<b>Converter Type</b>	Interface
<b>Interface A</b>	2 ports RS-232 or 2 ports RS-422/485 or one of each
<b>Interface A Connectors</b>	2 X DB-9 MALE (SAME AS IBM AT SERIAL COMM PORTS)
<b>Interface A Data Rate</b>	DC-115.2 kbps (SAME 16550 UART FOUND IN IBM ASYNC ADAPTER)
<b>Interface A Distance</b>	9600 bps = RS-232/50FT. RS-422/485/ 5000FT.
<b>Interface A Leads</b>	RS-232 = SAME AS IBM AT DB-9 (1,2,3,4,5,6,7,8,9)
<b>Marketing</b>	
<b>MTBF</b>	150K HOURS
<b>Power Source</b>	PC-Bus
<b>Input Voltage</b>	+5VDC@195MA/ +12VDC@25MA/ -12VDC@25MA

<b>Special Product Cross Reference</b>	DITM46410 is a 4-port RS422/485 async card maximum speed is 460 Kbps
<b><i>Literature</i></b>	
<b>Manual Available?</b>	
<b>Manual Name</b>	
<b>Manual Date</b>	8/95 (As of 11/20/97)
<b>Schematic Vendor Name</b>	
<b>Schematic Available?</b>	
<b>Schematic Non-Disclosure Required?</b>	
<b>Schematic Date</b>	
<b>Additional Schematic Requirements</b>	
<b>Literature Comments</b>	
<b><i>Environmental</i></b>	
<b>Operating Temperature</b>	0 TO 50C/ 32 TO 122F
<b>Operating Humidity</b>	0-90%R.H., NON CONDENSING
<b>Storage Temperature</b>	-20 TO 70C/ -40 TO 100F
<b>Storage Humidity</b>	0 TO 90% R.H., NON CONDENSING
<b><i>Agency Compliance</i></b>	
<b>FCC #</b>	
<b>UL #</b>	Flame Rating UL 94V0
<b>CSA #</b>	