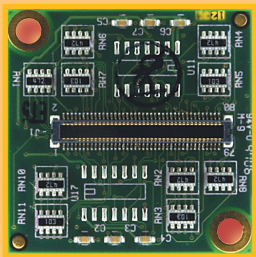
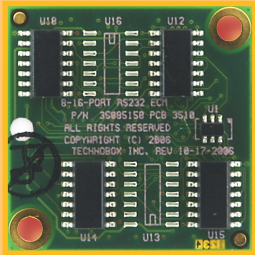
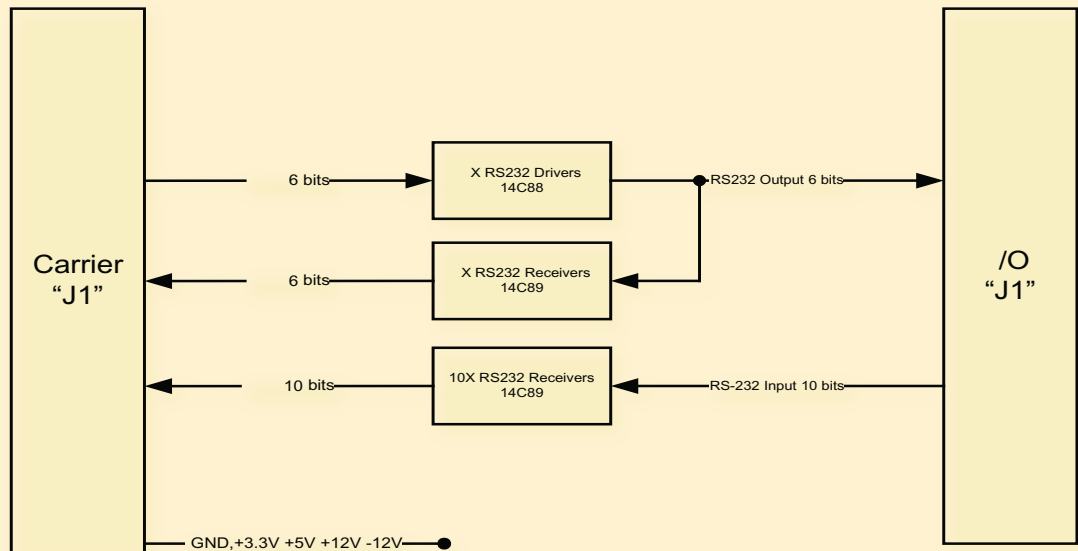


Conversion Module

3 Output / 5 Input RS-232 Async Converter



3508



- RS232 Interface ECM
- 6 RS-232 MC1488 outputs
- 10 RS-232 MC1489 inputs
- Compatible with Technobox asynchronous UART products
- Outputs initialize to the mark or idle state
- On-board serial identification circuit
- Extended temperature range
- RoHS compliant
- Patented

Specifications

Temperature (Operating):
-40 to +85 degrees C

Temperature (Storage):
-55 to +100 degrees C

Altitude: Not Specified or
Characterized. Typical similar
equipment is at 15,000 ft.

Humidity (Operating/Storage):
5% to 90% non-condensing

Vibration: Not specified or
Characterized

Shock: Not specified or Char-
acterized

MTBF: Available on request

Weight: 3 grams

Power: TBD

Technobox, inc.

140 Mount Holly Bypass
Unit 1
Lumberton, NJ 08048

Tel: 609-267-8988
Fax: 609-261-1011

www.technobox.com

Ordering Information

3508: 3 output / 5 input RS-232
Async Converter

P/N 3508 provides 2 asynchronous ports. Each port implements the Data Terminal Equipment (“DTE”) side of an RS232 interface, which is the side normally used by the computer. Compare this with the “DCE” side, which is exemplified by a modem device.

P/N 3508 is compatible in applications previously using Technobox P/N 5284.

The assembly shown breaks out the 3508 ports into single 9 pin D connectors. The ECM carrier attaches to a Technobox P/N 4988 breakout panel through a 68 pin SCSI cable.

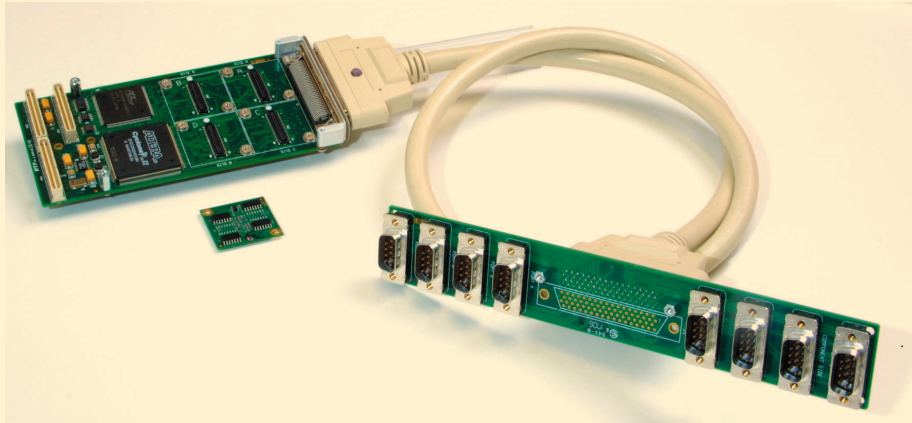


Figure 1 ECM Carrier with, P/N 3508 ECM, SCSI cable and P/N 4988 breakout panel

User IO	J1 Pin number	Direction J1	Description
IO0	16	OUTPUT	U11-3 RS232 driver
IO1	18	INPUT	U14-4 RS232 receiver
IO2	28	OUTPUT	U11-6 RS232 Driver
IO3	30	OUTPUT	U11-8 RS232 Driver
IO4	52	INPUT	U15-1 RS232 Receiver
IO5	54	INPUT	U15-4 RS232 Receiver
IO6	64	INPUT	U15-10 RS232 Receiver
IO7	66	INPUT	U15-13 RS232 Receiver
IO8	65	OUTPUT	U17-3 RS232 Driver
IO9	63	INPUT	U12-4 RS232 Receiver
IO10	53	OUTPUT	U17-6 RS232 Driver
IO11	51	OUTPUT	U17-8 RS232 Driver
IO12	29	INPUT	U18-1 RS232 Receiver
IO13	27	INPUT	U18-4 RS232 Receiver
IO14	17	INPUT	U18-10 RS232 Receiver
IO15	15	INPUT	U18-13 RS232 Receiver

Table 1 User IO signal connections 3508

Carrier Data	J1 Pin number	J1 Direction	Description
DA0	10	OUTPUT	U14-3 IO0 receiver
DA1	12	OUTPUT	U14-6 IO1 receiver
DA2	22	OUTPUT	U14-8 IO2 receiver
DA3	24	OUTPUT	U14-11 IO3 receiver
DA4	34	INPUT	U11-2 IO0 driver
DA5	36	INPUT	U11-4 IO2 driver
DA6	46	OUTPUT	U15-3 IO4 receiver
DA7	48	OUTPUT	U15-6 IO5 receiver
DA8	58	OUTPUT	U15-8 IO6 receiver
DA9	60	OUTPUT	U15-11 IO7 receiver
DA10	70	INPUT	U11-10 IO3 driver
DA11	72	N/C	No connection
DA12	71	OUTPUT	U12-3 IO8 receiver
DA13	69	OUTPUT	U12-6 IO9 receiver
DA14	59	OUTPUT	U12-8 IO10 receiver
DA15	57	OUTPUT	U12-11 IO11 receiver
DA16	47	INPUT	U17-2 IO8 driver
DA17	45	INPUT	U17-4 IO10 driver
DA18	35	OUTPUT	U18-3 IO12 receiver
DA19	33	OUTPUT	U18-6 IO13 receiver
DA20	23	OUTPUT	U18-8 IO14 receiver
DA21	21	OUTPUT	U18-11 IO15 receiver
DA22	11	INPUT	U17-10 IO11 driver
DA23	9	N/C	No connection
DA24	40	N/C	No connection
DA25	41	N/C	No connection
DA26	42	N/C	No connection
DA27	39	N/C	No connection

Table 2 Carrier DA signal connections 3508

