EXTERNAL MODEM CONNECTED TO SYSTEM BUS

SUPERVISOR
32101 — ASIC/2-7540 — RS-232 — Modem

ETHERLINK/2 CONNECTED TO SYSTEM BUS

SUPERVISOR
32101 — ASIC/2-7540 — RS-232 — EtherLink/2

PC CONNECTED TO EITHER LOCAL BUS OR SYSTEM BUS

SUPERVISOR
32101 — ASIC/2-7540 — RS-232 — COM1 PC

THE ASIC/2-7540 AND THE ASIC/2-8540 CAN PROVIDE DIRECT ACCESS TO EITHER THE SYSTEM BUS OR THE LOCAL BUS, PROVIDED UPON THE POSITION OF THE SHUNT PINS W3 AND W4.

THE RS-232 CONNECTION IS SHOWN ON AN ASIC/2-7540 IN FIGURE 1. THE RS-232 PORT CAN BE USED TO CONNECT AN EXTERNAL MODEM, AND ETHERLINK/2, OR A PC DIRECTLY. CHECK OTHER APPLICATION DRAWINGS FOR SPECIFICS OF THESE APPLICATIONS. THE RS-232 SPECIFICATION LIMITS THE OVERALL RS-232 CABLE LENGTH TO NO MORE THAN 50 FEET.

IF THE PINS ARE SHUNTED BETWEEN NUMBERS 2 AND 3, THIS PUTS THE RS-232 CONNECTION ON THE LOCAL BUS. THIS CONDITION IS SHOWN IN FIGURE 2. WHEN THE PINS ARE IN THIS POSITION, THE ASIC/2 WILL BE ACCESSED USING IT'S LOCAL BUS ADDRESS, AND ANY ASI CONTROLLERS ON THE LOCAL BUS CAN BE ACCESSED DIRECTLY. IT IS NOT POSSIBLE TO ACCESS THE SYSTEM BUS AT ALL.

IF THE PINS ARE SHUNTED BETWEEN NUMBERS 1 AND 2, THIS PUTS THE RS 232 CONNECTION ON THE SYSTEM BUS. THIS CONDITION IS SHOWN IN FIGURE 3. WHEN THE PINS ARE IN THIS POSITION, THE ASIC/2 WILL BE ACCESSED USING IT'S SYSTEM BUS ADDRESS. ANY ASI CONTROLLERS ON THE LOCAL BUS, CAN BE ACCESSED USING THE ASIC/2 PASS-THROUGH FEATURE, PROVIDED THE ASIC/2 IS PROPERLY CONFIGURED FOR SUCH. THE SYSTEM BUS CAN ALSO BE ACCESSED. CHECK OTHER APPLICATION DRAWINGS FOR THE SPECIFICS ON SYSTEM BUS COMMUNICATION USING RS-232.
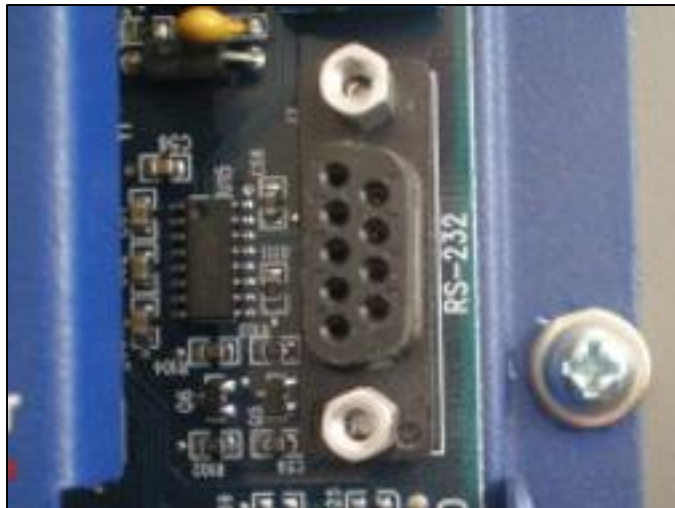
Figure 1

Figure 2

Figure 3

TITLE	ASIC/2 RS-232 CONNECTION OVERVIEW		
DATE	2008-DEC-06	REV	None
DRAWN BY	PDL	SCALE	None
NUMBER	ASI-3		

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