

# A91V8-UART

## RS-232 UART Level Shifter

### Quick Install Guide

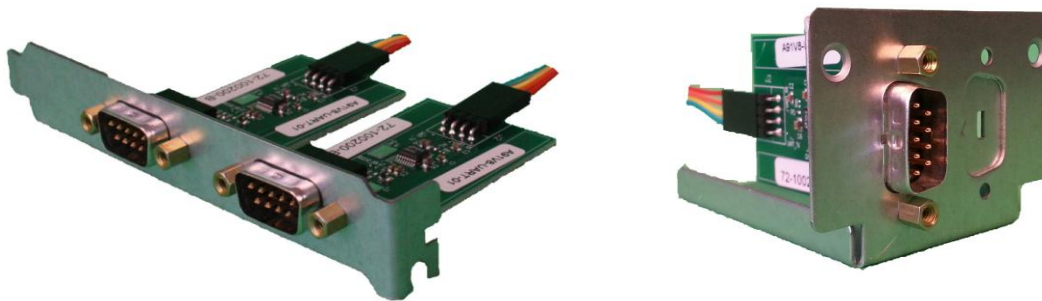
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To Install the RS-232UART Level Shifter board on one of the brackets.



Assemble the RS-232 UART level shifter using the enclosed screws.



The pin-out for the board and cable.

Pin-header on the board

1	2	3	4
Rx	Gnd	Tx	Vcc

The cable is labeled as below



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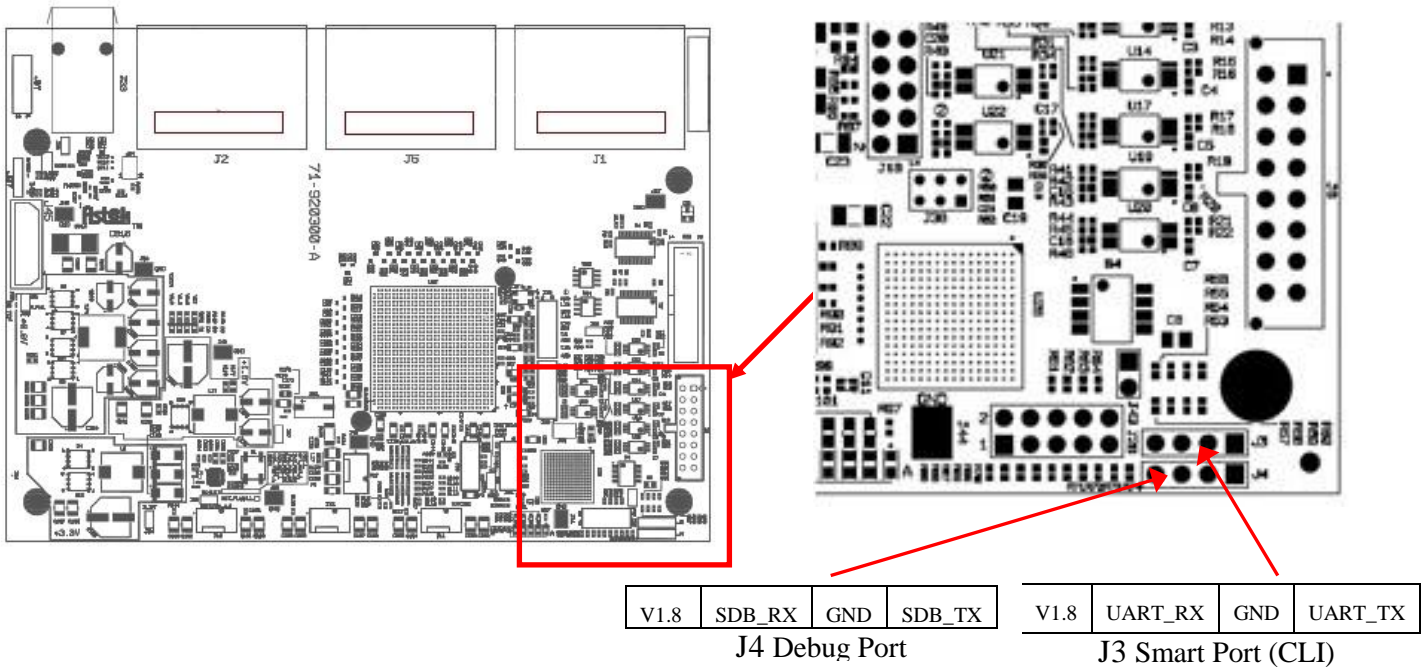
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To install the A91V8-UART RS-232 UART Level Shifter in the A54812-SW 12Gb/s SAS switch, follow these steps:

1. Assemble the RS-232 UART level shifter using the enclosed screws.
2. Place the Switch in a location that ensures adequate open space behind the fans and in front of the air intakes.
3. Check that the power is turn-off and detach the power cords to the power inputs.
4. Open the switch by removing the four screws on the top.
5. Remove the fan from the back on the right ( further from the power cords).
6. Slide the A91V8-UART into the fan slot.
7. Connect the A91V8-UART cable to the J3 (Smart Port) or J4 (Debug Port) on the 12Gb/s switch main board. The orientation is that the VCC pin connects with the label facing to the back of the switch.



8. Connect the RS-232 UART Level Shifter cable with the VCC pin on the left of the header of the switch main board while viewing from the back (opposite the SAS connector side).

For more information please visit the Astek web site at:

[www.astekcorp.com](http://www.astekcorp.com)

**Astek Corporation**

5055 Corporate Plaza Drive

Colorado Springs, Co 80919

Tel: 866-427-8351 (Toll Free)

Tel: 719-260-1625

Fax: 719-260-1668

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