



The schematic diagram shows the FEM header RA connector with the following connections:

- Pin 1:** TRST_N, connected to +5V through a 0.35A fuse (F1).
- Pin 2:** NC, connected to ground.
- Pin 3:** TMS, connected to a signal line.
- Pin 4:** TCK, connected to a signal line.
- Pin 5:** DBG, connected to a signal line.
- Pin 6:** TDSNK, connected to a signal line.
- Pin 7:** SRST_N, connected to a signal line.
- Pin 8:** UART_DN, connected to a signal line.
- Pin 9:** UART_UP, connected to a signal line.
- Pin 10:** XL_UP1, connected to ground.
- Pin 11:** XL_UP0, connected to a signal line.
- Pin 12:** XL_DN0, connected to a signal line.
- Pin 13:** XL_DN1, connected to a signal line.
- Pin 14:** FEM_HEADER_RA, connected to ground.