UART_RXD0 is tied to PROG_MOSI, and UART_TXD0 is tied to PROB_MISO, internal to the Mote.

- +3.3V power supply
- 13V reference
- +3.3V
- 11V
- Power LED
- General purpose LEDs
- Current consumption may exceed 50mA, use capacitor
- JTAG
- FLASH memory
- Mote Connector
- USB-A Plug
- USB
- USB-A Plug
- Ground

**Mote History:**

First there was RENE MOTE. Radio was TR1000. Battery attached with wires.

Then came MICA2. Radio was now CC1000. Board piggy-backed to TR1000. Battery and board were one unit.

Somewhere along the way there was MICA DOT, the round version.

REN and MICA notes have a main processor, the AT90LS3535, and a secondary processor, the ATMega1284. Both program their internal FLASH using the SRD, MISO, MOSI, and RESET pins.

MICA2 notes have the ATMega128 processor. The internal FLASH is also programmed using the SRD, MISO, MOSI, and RESET pins. There is also an external FLASH memory on the MICA2s. JTAG is also available.

**NOTE:**

Current consumption may exceed 50mA, use capacitor.