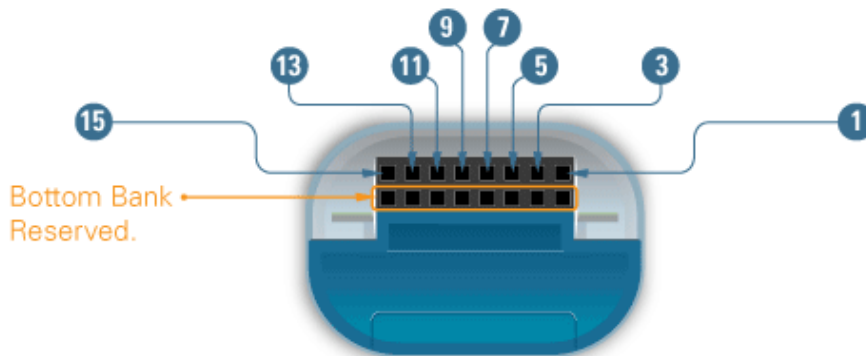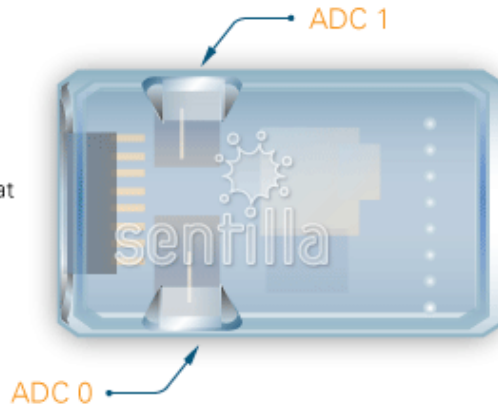# JCreate Ports and Pinouts

JCreates have two large ADC ports on the long sides of the mote and a bank of pinouts at the short edge of the mote, opposite the ON/OFF switch. The illustration below shows the location and use of these ports. The illustration on the next page shows the use of the pins within the ADC ports on the long edge of the mote.

JCreate Port and Pinouts

The JCreate has two ADC ports, ADC 1 and ADC 0 (on the top and the bottom as shown here), that are ready to accept sensors (such as Phidgets). It also has a bank of pinouts that can be used to attach sensors. This is the same bank where you attach the JCreate Programming Fixture. Of course, you must remove the Programming Fixture if you want to use these pinouts for sensors. The pin configuration is shown below.

Pinout	Use
1	Ground
3	Power
5	ADC2
7	ADC3
9	GIO0 (0x15)
11	GIO1 (0x16)
13	URXD0-UART receive
15	UTXD0-UART transmit

JCreate ADC Port Pinouts

There are two ADC ports on the sides of the JCreate. The pins, reading from left to right, can be used for sense, Vcc (power), and ground.