Description

The Telenexus RF Module is a complete RF solution for reading 900MHz RFID tags. Customers can build an RFID tag reading system with the addition of user equipment and utilization of a simple serial interface. By eliminating the task of designing the RF side of the equipment, cost and design cycle time are reduced.

The RF Module uses a serial interface that is driven at 3.3V LVTTL levels. The RF Module does not interface directly to RS232. An external signal level translator is required for a direct RS232 connection.

Power Supply Option	Power Output
5V	0.26 W (typical)

Table 1: Power Output based upon Input Voltage

RF Module initialization is completed within 5 milliseconds after application of power. This quick power on time facilitates a low-power operating mode. This low power operation allows for power use only during tag reading operations, making the RF Module ideal for battery powered units. If power consumption is not a concern, the RF Module may remain powered between read operations.