



Features:

- 8, 12, or 16 Bit ADC Converter
- RF Data Transmission up to 300 ft
- Remote Monitor capability via Web Interface
- 2 UARTs for remote communication
- 8 Discrete Control Signals

Applications:

- Temperature Monitor / Control
- Sensor Monitor / Control
- Test Equipment Control
- Medical Device Monitor / Control
- Relay Control

Radio Frequency Analog to Digital Converter Module

Description:

The RF-ADC100 is a low noise 8, 12, or 16 bit ADC Converter Module that can transmit up to 2 miles outside LOS and 300 feet inside via a RF Zigbee Module. The RF-ADC100 has 2 UART, in-system JTAG, as well as 8 Discrete Control signals. This module communicate with remote devices and has the capability to wirelessly connect with an RF Internet Ready Receiver.

The RF-ADC100 can be used to control and monitor Temperature Sensor Devices, Test Equipment, Relays, and Medical Devices.

Device Name	Bit Conversion
HL-AF_ADC100-08	8 bits
HL-AF_ADC100-12	12 bits
HL-AF_ADC100-16	16 bits

Functional Block Diagram:

