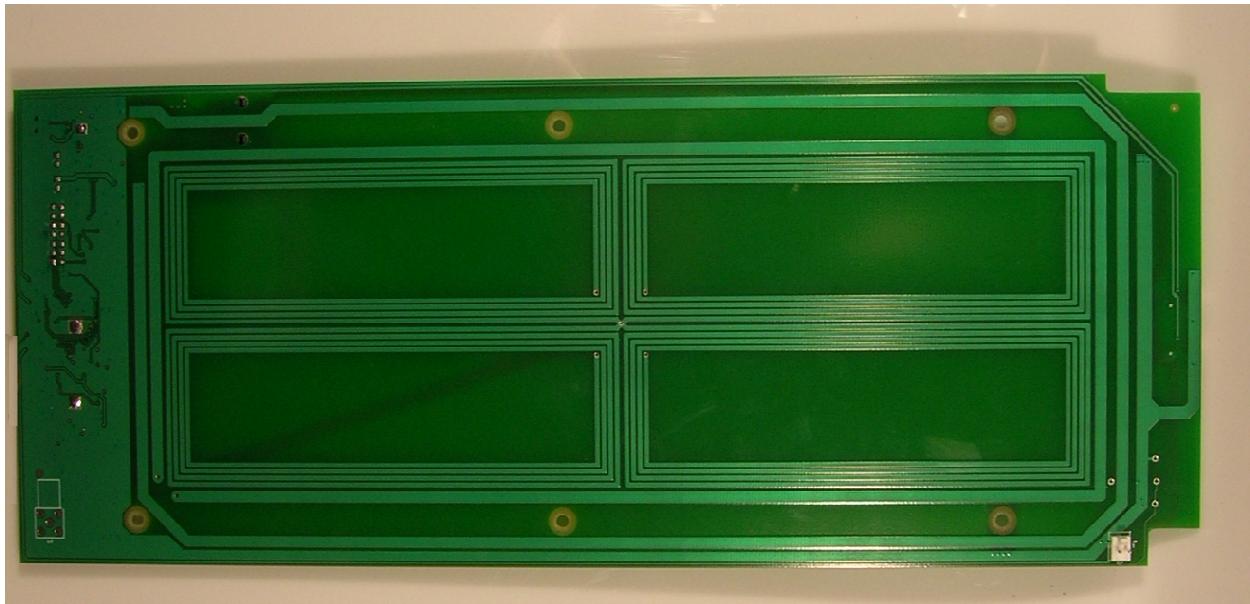




**MODEL 8000-011-001**  
**RFID Cash Deposit**  
**Board**

**OEM**  
**Operating/Installation**  
**Instructions**



## **Features:**

- ISO 15693, 18000-3, Tag-it™ HF-I Compatible
- Read up to 10 Tags Simultaneously
- 13.56MHz Reader/Writer
- Trace antenna with up to 3 inch read range
- USB 2.0 powered
- Windows XP™, Linux™ compatible
- Dimensions: 5.5" x .13.25 "
- Manage the following on-board devices
  - o 1 green LED
  - o 1 red LED
  - o 1 magnetic reed switch
- Manage the following optional accessories
  - o 1 5v solenoid
  - o 1 Sargent and Greenleaf High Security Lock

## **1.0 Product Introduction**

The Sargent and Greenleaf Cash Deposit Board (part number 8000-011-001) is a multi-tag RFID reader/writer and general purpose I/O controller.

## **2.0 Product Installation Requirements**

- 1 available USB port for every board
- Silicon labs USB to UART driver

## **3.0 Product Installation**

Simply plug the cash deposit board into an available USB 2.0 port on a PC or laptop. The green and red LEDs will flash on and off for 5 cycles verifying that the onboard micro is booting up.

Once this process is completed the board will go into a standalone operating mode for manufacturing diagnostics. Please reference table 1.1 to determine the state of reed switch and the RFID antenna.

Red LED	Green LED
Blinking – System is in start up	Blinking – System is in startup
On – Magnet is not present	Flashing – RFID tag is present
Off – Magnet is present	Off – RFID tag is not present

## **4.0 Application Development**

To integrate this RFID/General purpose I/O controller into a new or existing system please contact your sales representative from Sargent and Greenleaf for pricing of the development kit which will include an interface control document.

## **5.0 Notes to the Customer**

**NOTE:** Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

**NOTE:** This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.