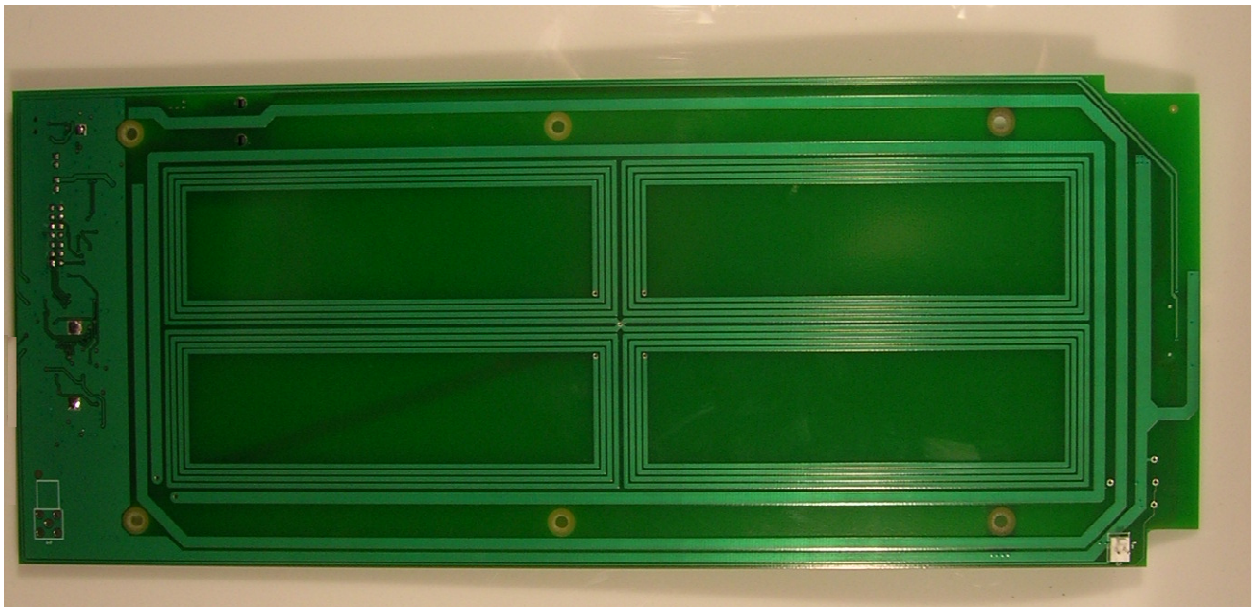




MODEL 8000-011-001 RFID Cash Deposit Board	OEM Operating/Installation Instructions
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Features:

- 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 manufacture 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.