REVISIONS				
REV	**DESCRIPTION**	**CHECK**	**ENG**	**DATE**
1.0	Release		Leon Gateno	12/10/10
2.0	Add Testing of the module once inside the remote		Leon Gateno	1/20/11

REMARKS:

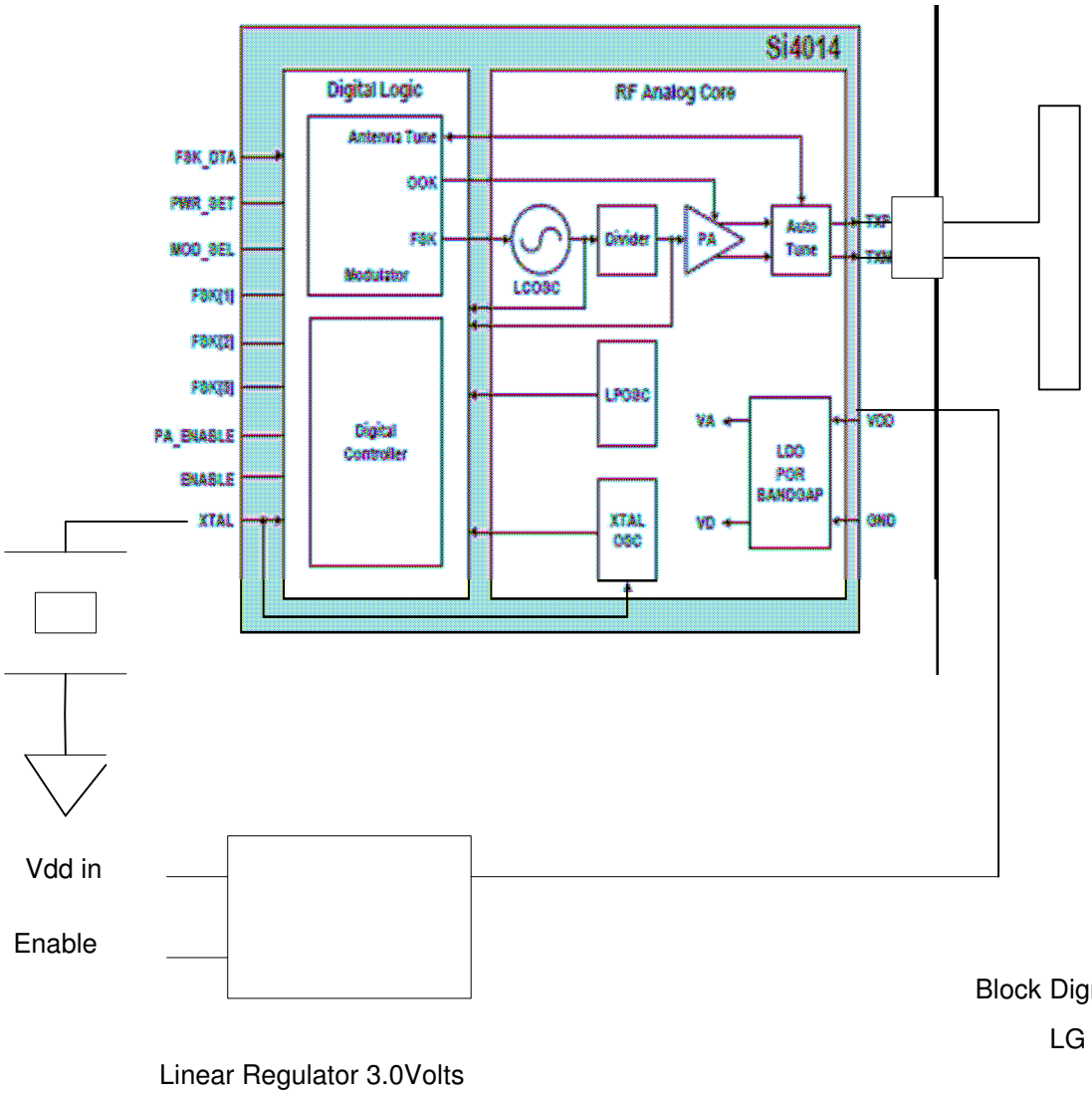
INDEX

1 INTRODUCTION

This document describes the installation of the module into a remote.

2 BLOCK DIAGRAM

The following is a Block Diagram for the remote:



Block Digram FSK Module

LG 12/7/10

Linear Regulator 3.0Volts

The block diagram has two sections the BB and the RF. This device is been controlled by the remote control.

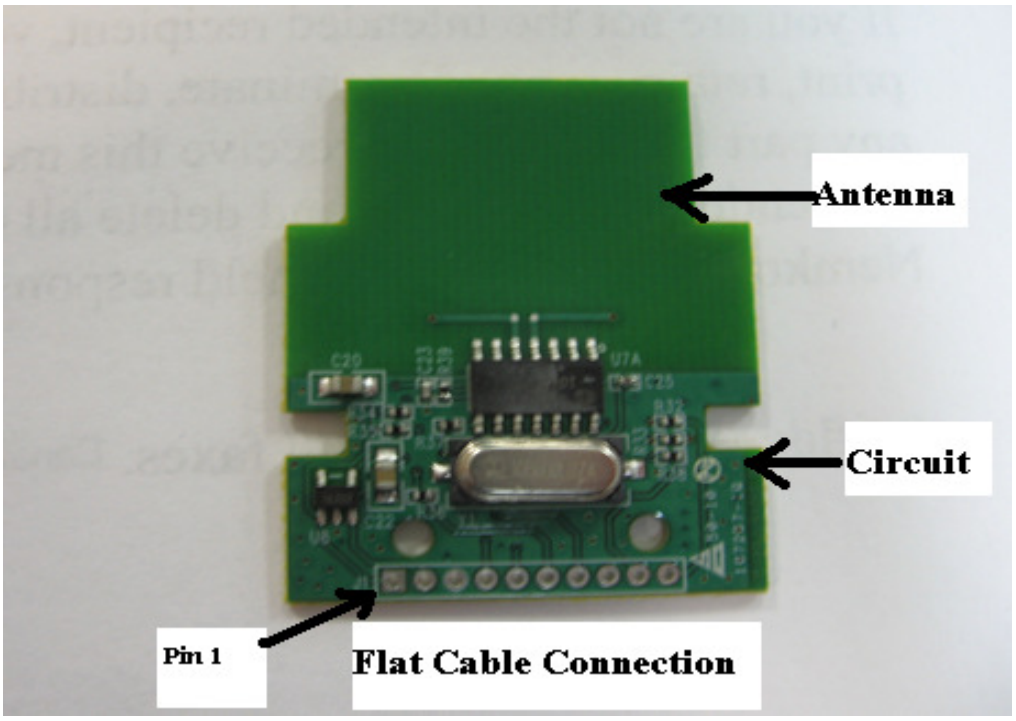
The BB consists of a small ASIC that is used to set up registers and control words. These are used for timing purposes. The BB shares the same reference as the RF, which is a 10MHz crystal.

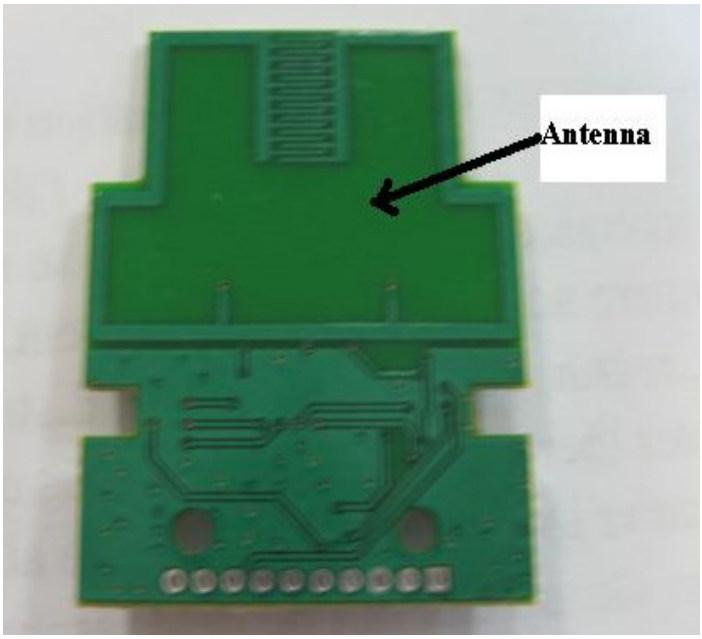
The RF section consist of the transmitter in the RFIC, the exception of the 10 MHz crystal , internal matching networks , external filter and antenna.

The module also has a linear regulator with an output of 3 volts.

3 PICTURES

The following pictures describe the Module in terms of its components.





The mother board and the module are connected via the flat ribbon cable.

Steps for the installation of the remote:

a) Connect the pin one of the Remote connector to the pin one of the module. The connection is done via a flat ribbon cable.
b) Bend the cable in order for the cable to fit in the remote
c) Install the module between the bottom Plastics and the remote.
d) The side with the ribbon cable should be facing towards the remote . The antenna side should face away from the remote.
e) Once nit is inside the remote test the remote to make sure the module is working properly.

4 STATEMENT

Please make sure that the following statement is part of your owners manual:

INFORMATION TO USER

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.

This equipment has been tested and found to comply with the limits for 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 and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause

harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Label the final product with:

Contains: FCC ID: QVEFSK4U
IC: 3683B-FSK4U