

Re: Certification for Lear Corporation
Receiver Model: RFA-X-05
FCC ID: KOBGR05A
IC: 3521A-R05A

Block Diagram Description

The device operates by the RF Circuit receiving an RF message, the RF circuit changes the RF message into a digital message that is then sent to the microcontroller. The microcontroller will decrypt the message and will send a digital message to the bus communication circuitry; the bus communication circuitry will then send the message at the proper voltage levels over the communication bus to other devices. The power regulation circuitry supplies a 5V regulated voltage to the rest of the circuits on the module. There are 3 oscillator circuits in the design; oscillator circuit 1 is at 10.17825 MHz, oscillator circuit 2 is at 4.19 MHz, and oscillator circuit 3 is at 32.768 kHz.

RFA-X Block Diagram

