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Re: Certification for Lear Corporation
Internal Antenna Receiver Model: L0101456
External Antenna Receiver Model: L0111925
FCC ID: KOBGR07A
IC: 3521A-R07A

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 2 oscillator circuits in the design; oscillator circuit 1 is at 9.509375 MHz and oscillator circuit 2 is at 8.00 MHz. .

RFA-C++ Block Diagram

