Last update: February 5, 2007

MC33493MODxxx KIT
Quick Start User Guide

This document provides first information to use MC33696 tools.

Last update:
V1.1: Note for FCC

Important:
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: the manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

1   OVERVIEW

MC33493MODxxx operation requires:
- An MC33493MODxxx RF Module with attached Printed antenna
- A DEMO9S08RG60 MCU board
- An RS232 cable
- A PC with RS232 port, CD player and Hyper Terminal.
- A 9V Battery
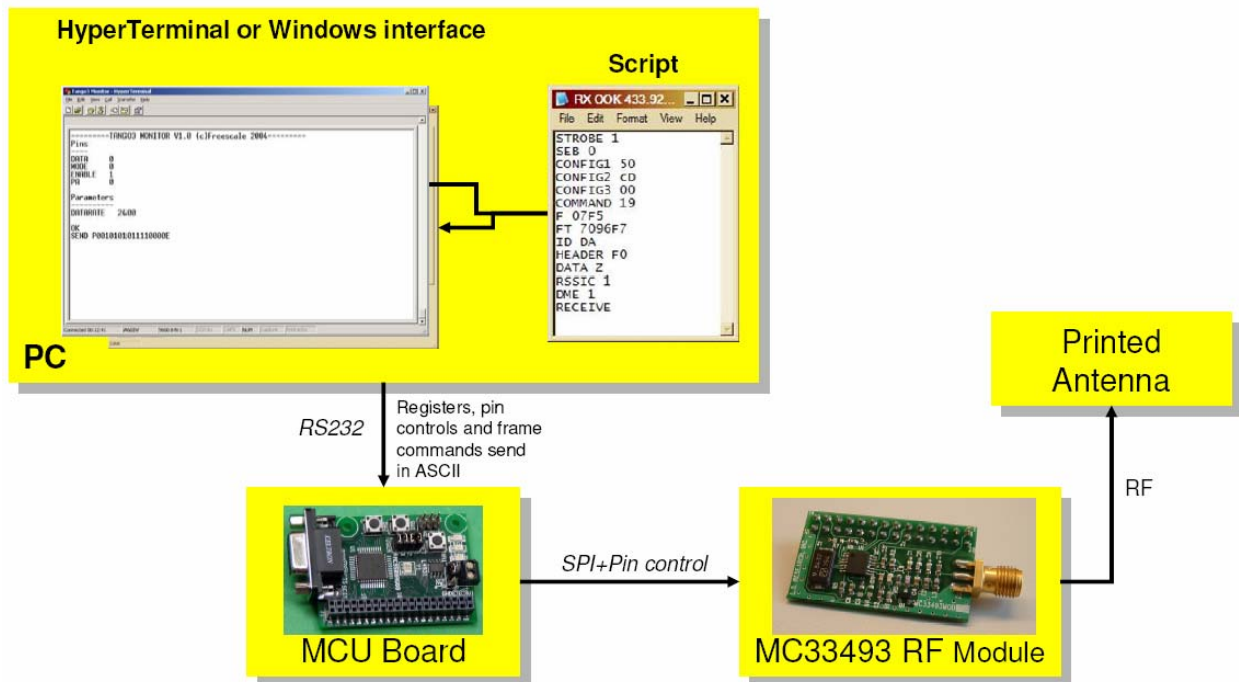
The operation of MC33493 is done by sending with Hyper Terminal a script to the MCU board that will configure MC33493 in a defined configuration.

Available script files:
- standby configuration
- continuous CW transmission
- continuous 4.8kHz OOK transmission
- continuous 4.8kHz FSK transmission

2   *LAUNCHING THE KIT*

- Plug the RF Module on the MCU board
- Connect the MCU board to the PC using the RS232 cable
- Launch HyperTerminal using the proper xxx.ht file according to available COM port
- Connect the 9V battery
- Screen on HyperTerminal receives status of MC33493 Registers and Pin levels
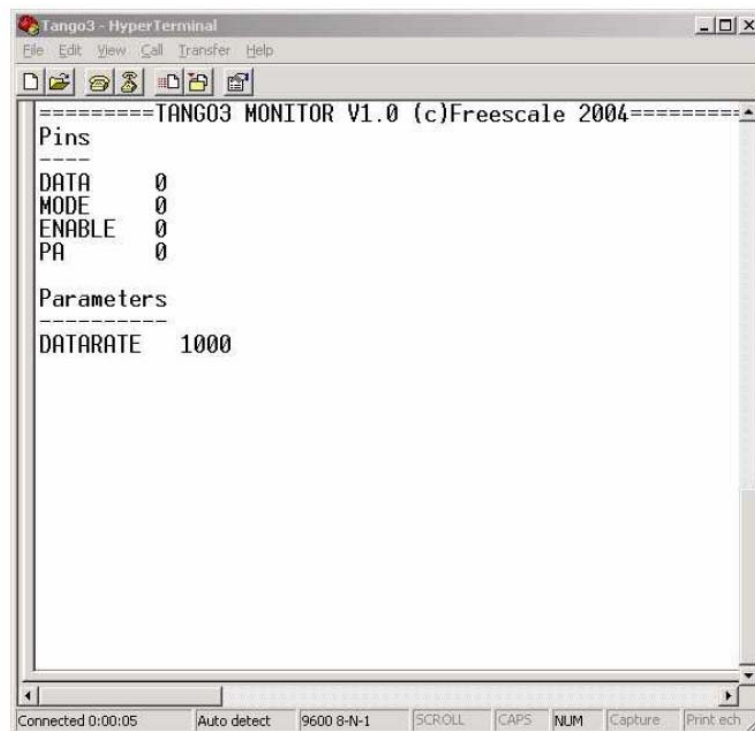
3   *SENDING A SCRIPT FILE*

3.1 *Configuration in Receive mode*

- With the mouse, click on "Transfer/Send text file"
- Select the xxx.txt Script file corresponding to the wanted configuration
- For exemple :"TX OOK 433.92MHz Square 4800bps.txt" will configure the kit in Teceive mode at 433.92MHz to send a modulated signal at 4800bps.
- At the end: "Sending square wave" indicates that the kit is sending a continuous modulation