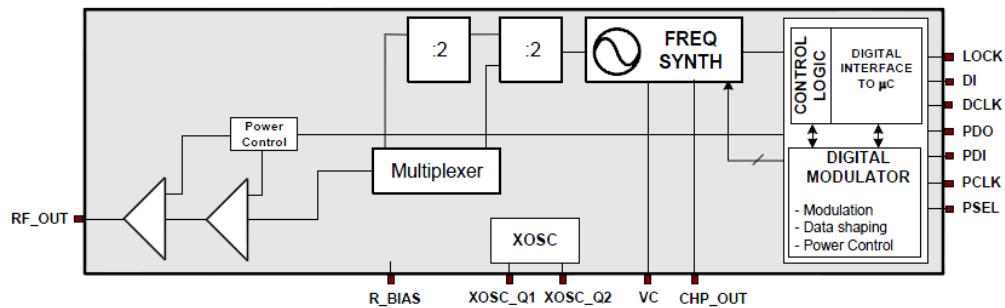


## RF SECTION:

The ERA900TS module uses a TI CC1070 integrated circuit to generate the modulated RF signal. The module also incorporates a PIC18F25K20 microcontroller.



BLOCK DIAGRAM OF RF IC USED IN ERA900TS MODULE:  
(Provided courtesy of TI)

Frequencies used:

PIC18F25K20:  
8 MHz internal Oscillator

CC1070:  
14.7456 MHz Crystal  
VCO 1804.725 MHz to 1805.375 MHz (internally divided by 2)