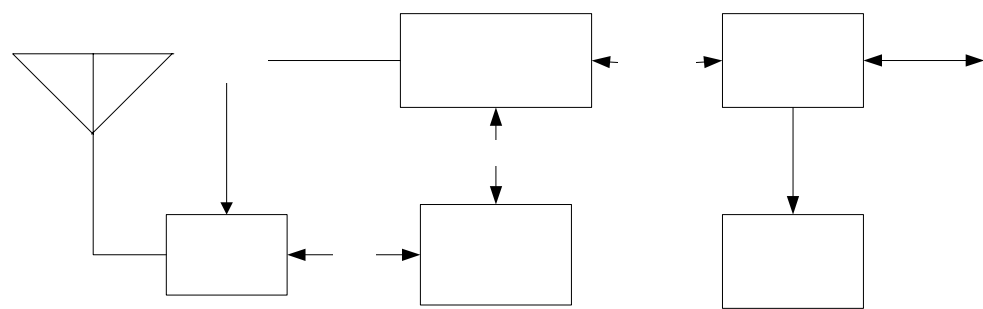


RF Remote Transmitter Block Diagram 06/05/18



Subsystem Block Diagrams

The following are block diagrams of the three major ICs used in the RF Remote Transmitter.

Control
Data

MC9S12A128
Microcontroller
(Message Protocol)

Byte Data

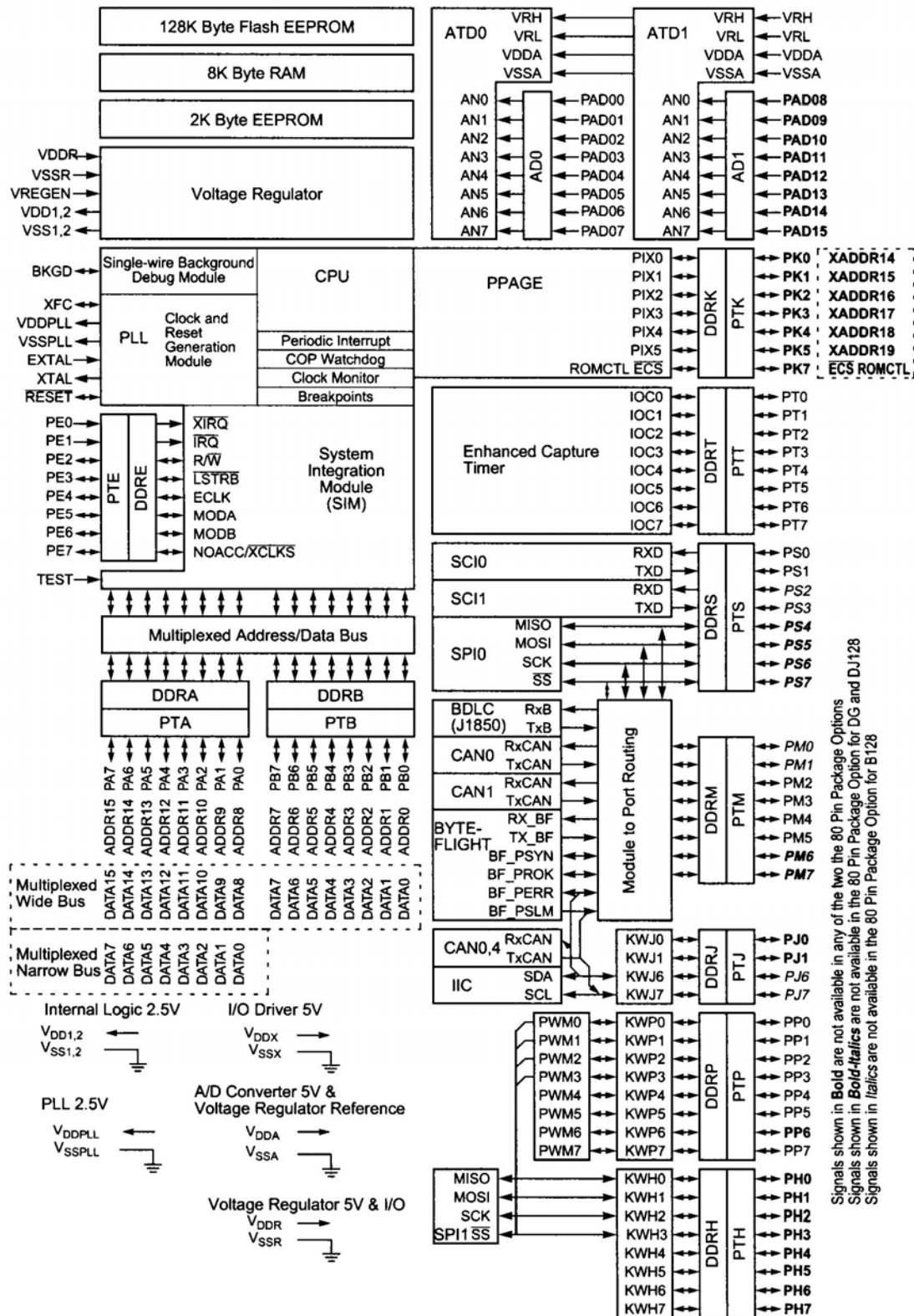
NRF903
Transceiver

Bit
Data

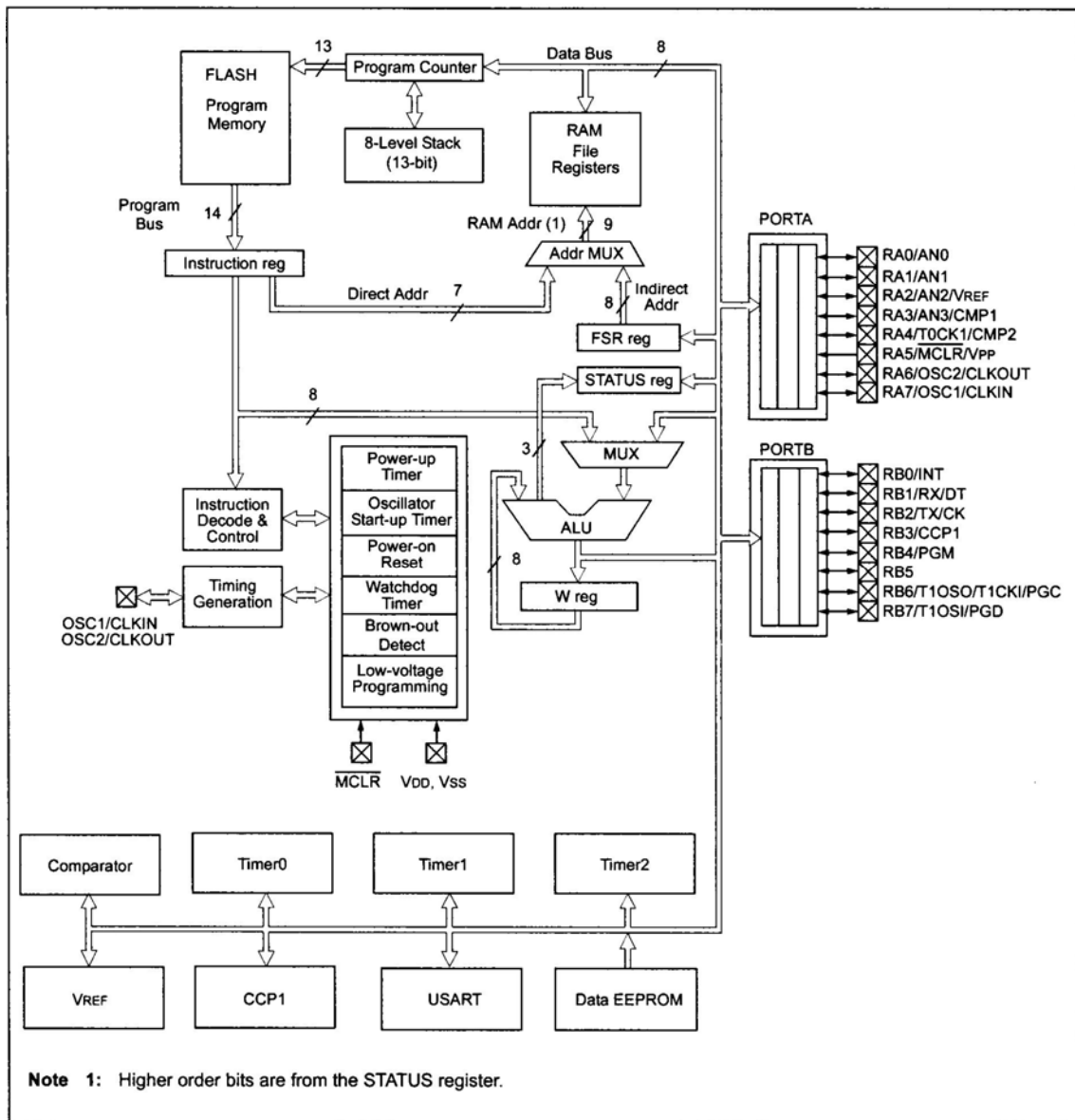
PIC16F62X
Microcontroller
(Bit Protocol)

MC9S12A128 Block Diagram

Figure 1-1 MC9S12DT128 Block Diagram

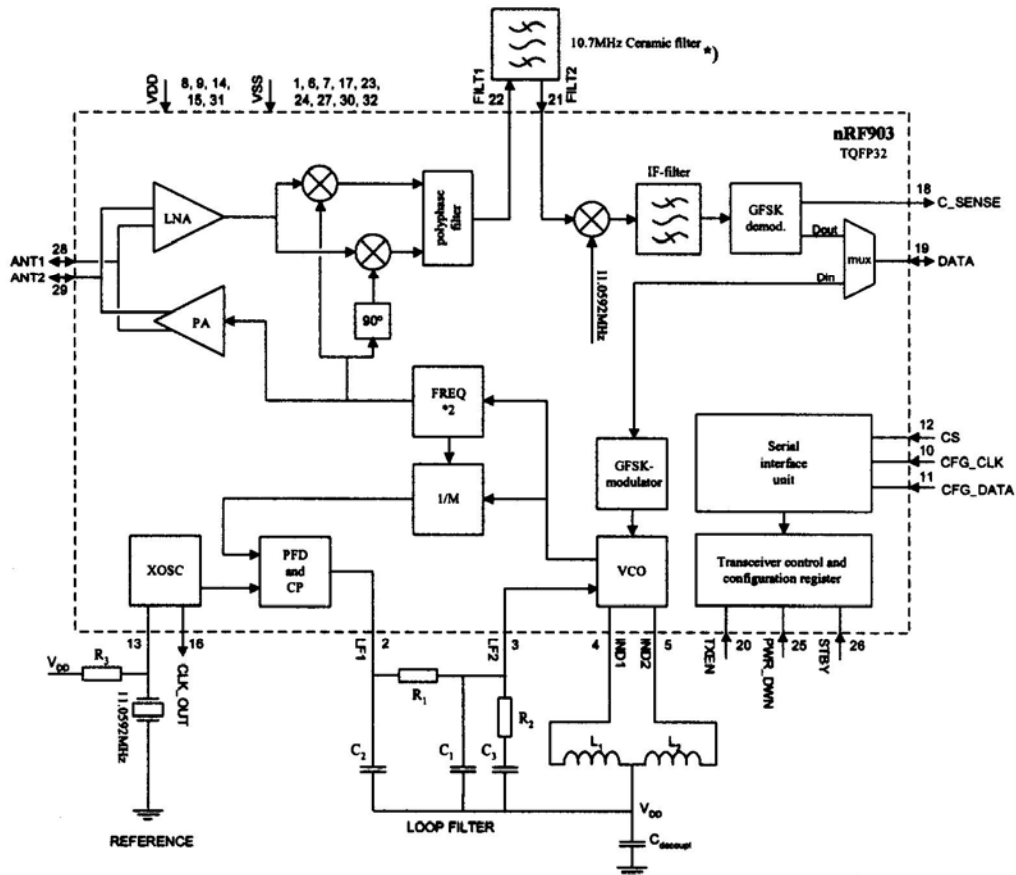


PIC16F62X Block Diagram



NRF903 Block Diagram

BLOCK DIAGRAM



*) The external filter may be replaced with a 10nF capacitor at the expense of receiver performance (see page 18)

Figure 1. nRF903 block diagram with external components.