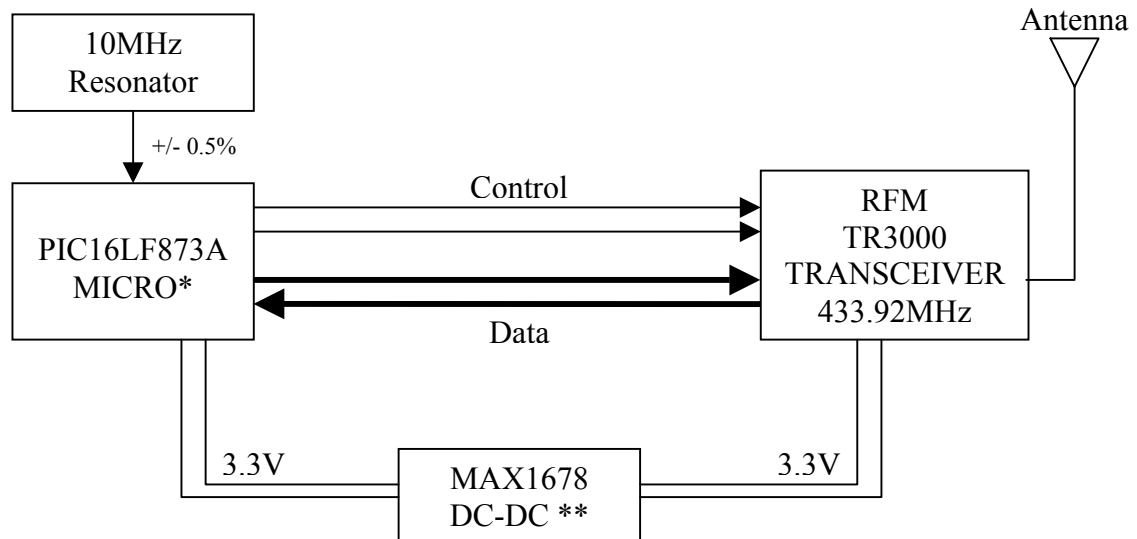


## **Block Diagram Radio Trigger**



Internal Frequencies Used:-

\* 16LF873A Micro has an internal 1/4 so uses 2.5 MHz for code execution

\*\* MAX1678 has internal 150KHz fixed frequency Startup Oscillator  
(See MAX1678 datasheet Page 7-8 or block diagram below.)

## TR3000 RFM Radio Module

### ASH Receiver Block Diagram & Timing Cycle

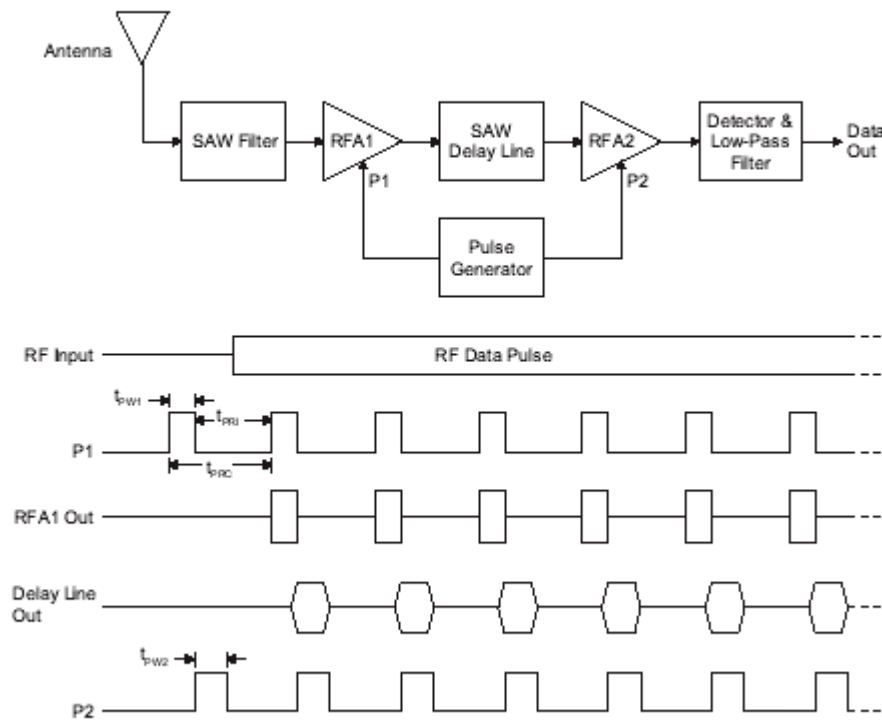


Figure 2.1.1

### ASH Transceiver Block Diagram

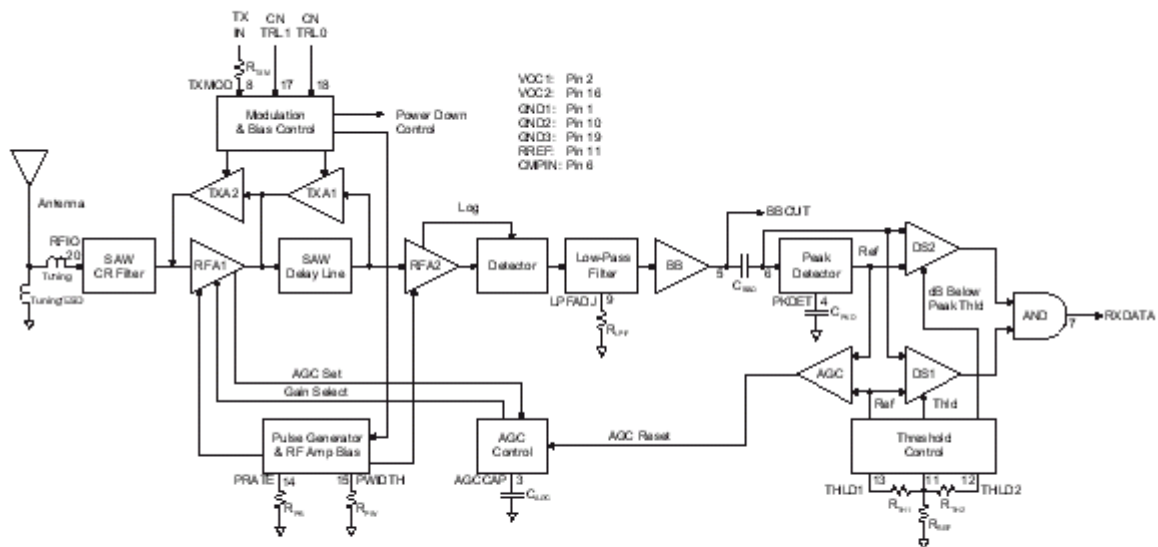


Figure 2.1.2

Diagrams taken from RFM ASH design guide. P19-21

# PIC16F87XA

FIGURE 1-1: PIC16F873A/876A BLOCK DIAGRAM

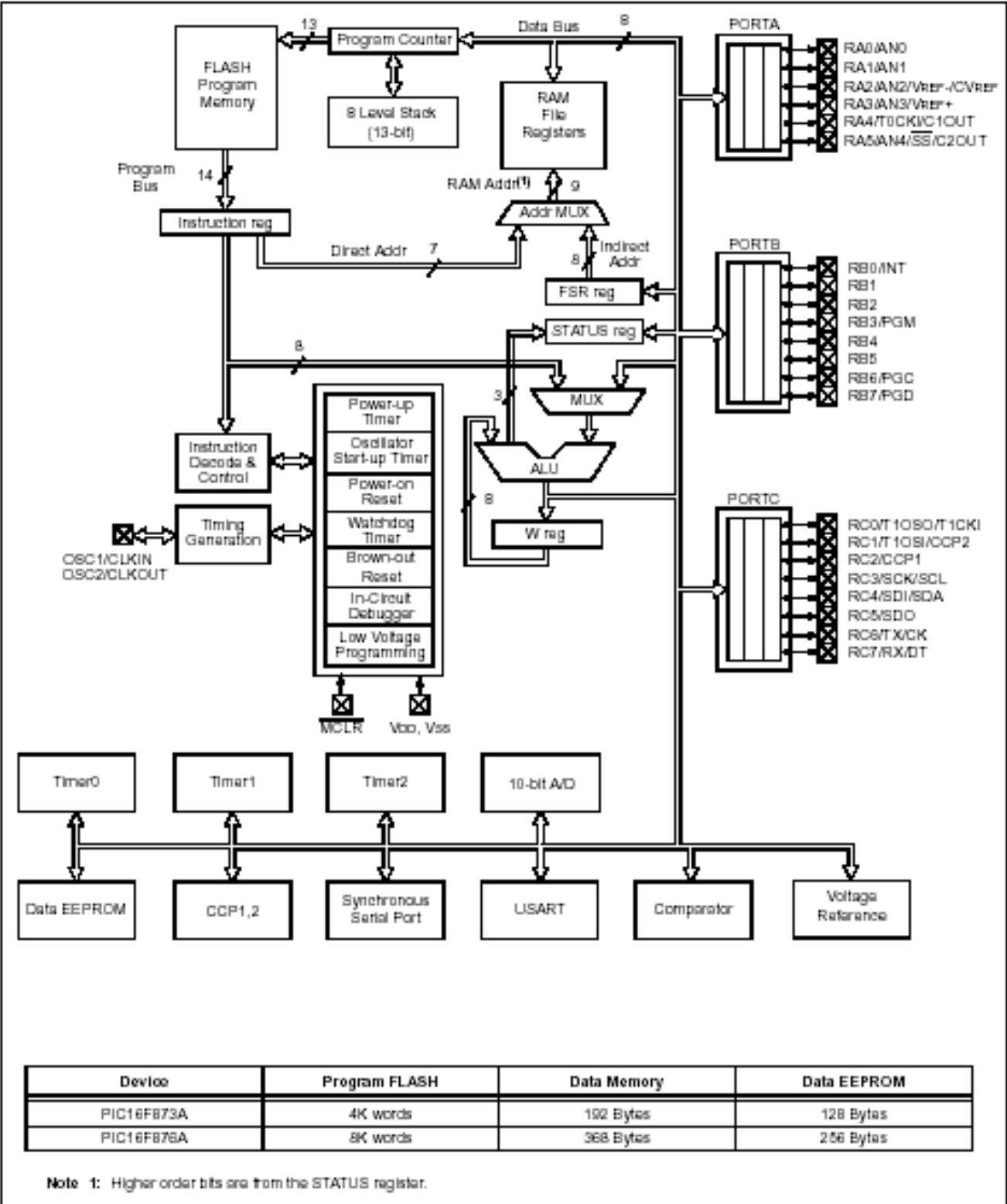
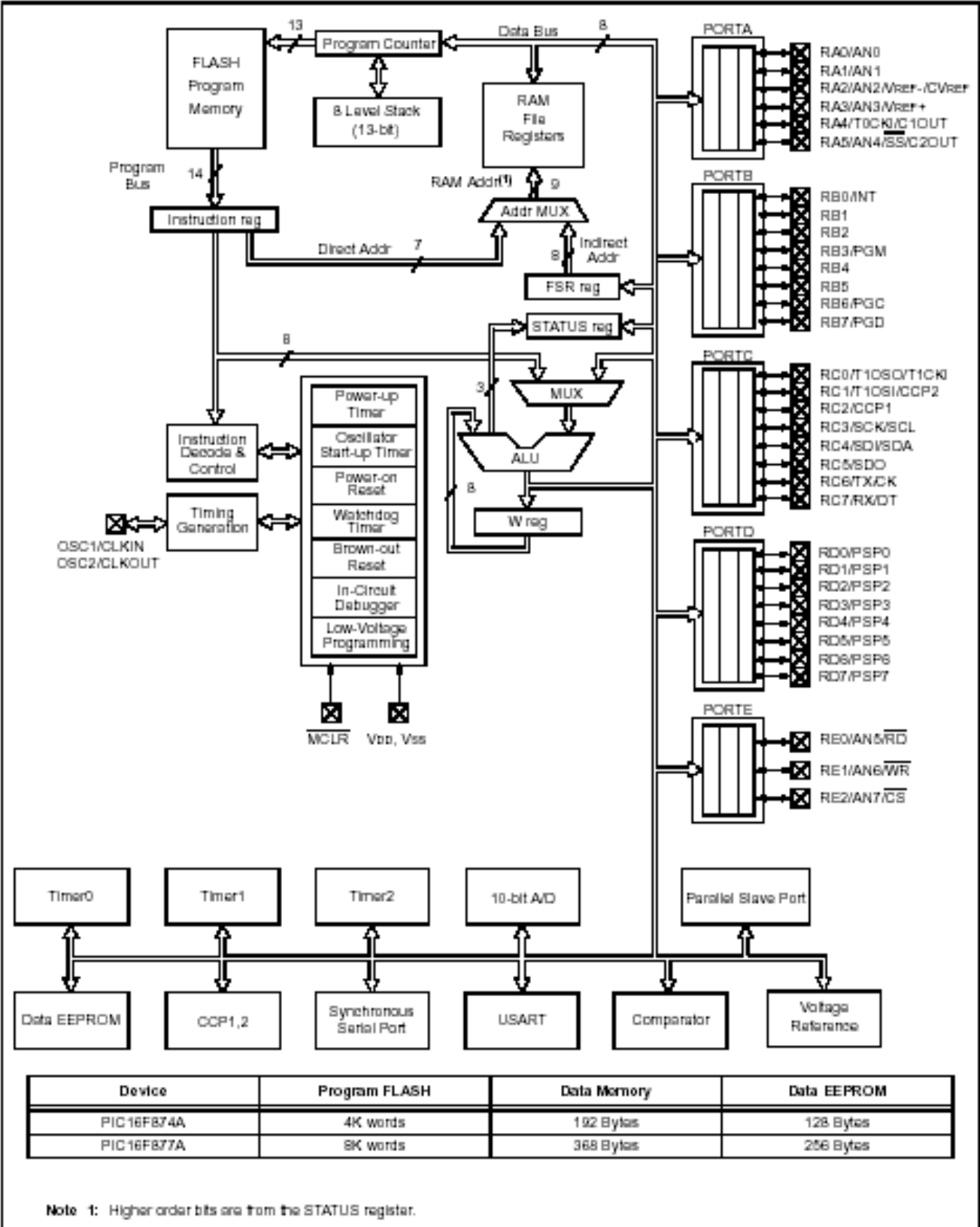


FIGURE 1-2: PIC16F874A/877A BLOCK DIAGRAM



Taken From Microchip 16LF873A Datasheet Pages 6,7

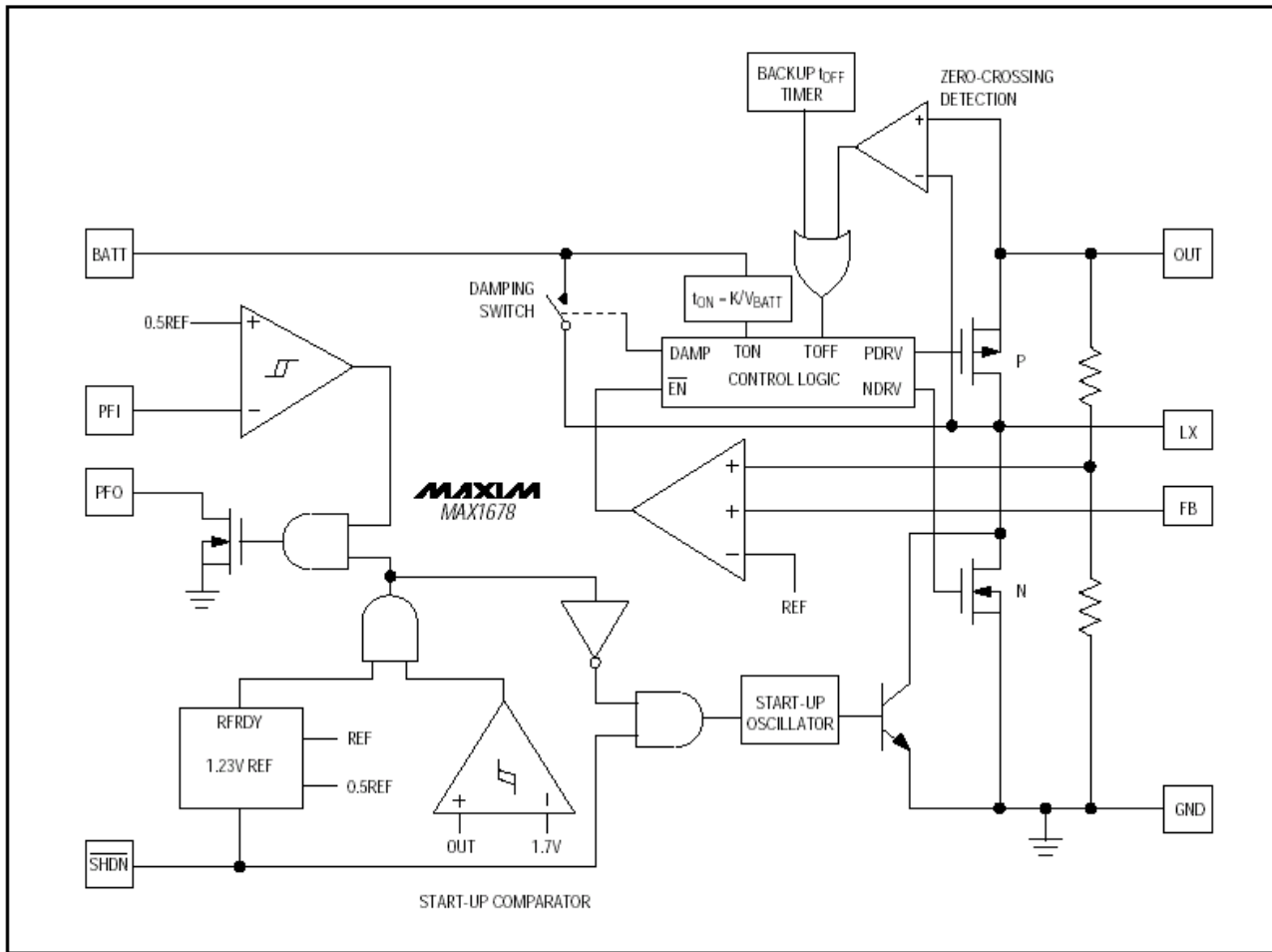


Figure 1. Functional Diagram

Taken from MAX1678 Datasheet Page 7