

The 24-64436 PCB is logically divided into two parts: a digital/analog system and a radio. Both are located on the same PCB, however are physically separate from each other. The Figures 1 and 2 below depicts a block diagram of the entire PCB system. The on-board radio (which is being type approved) is shown here as only one of the blocks.

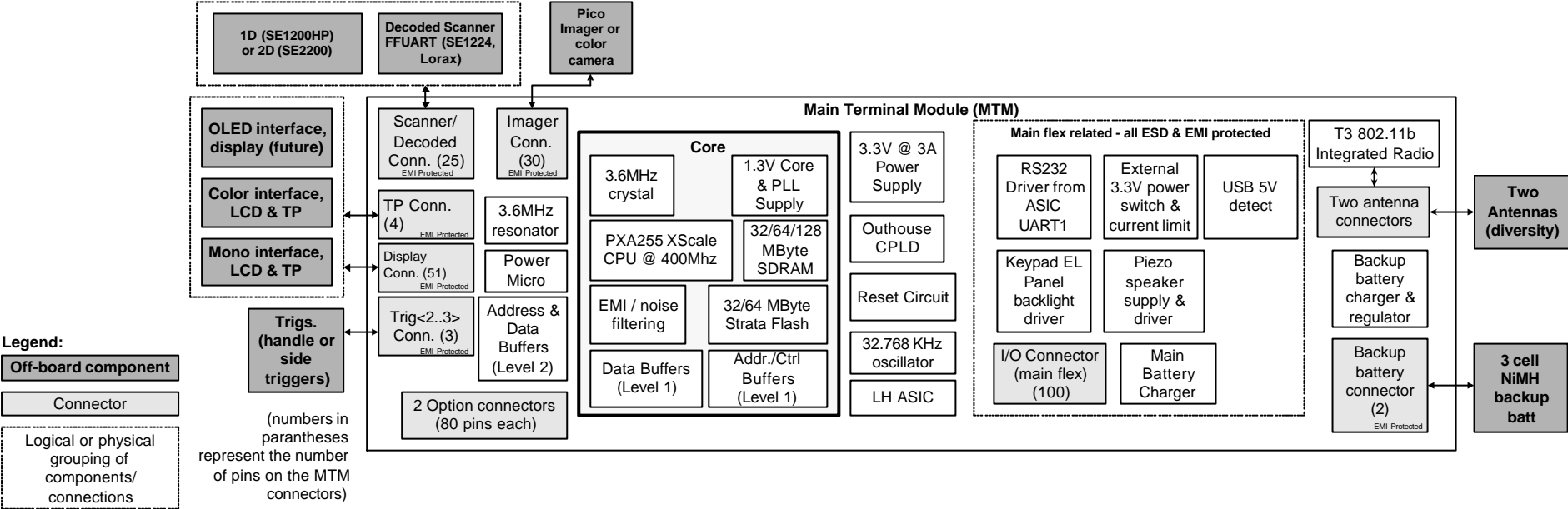


Figure 1: High level block diagram – entire PCB

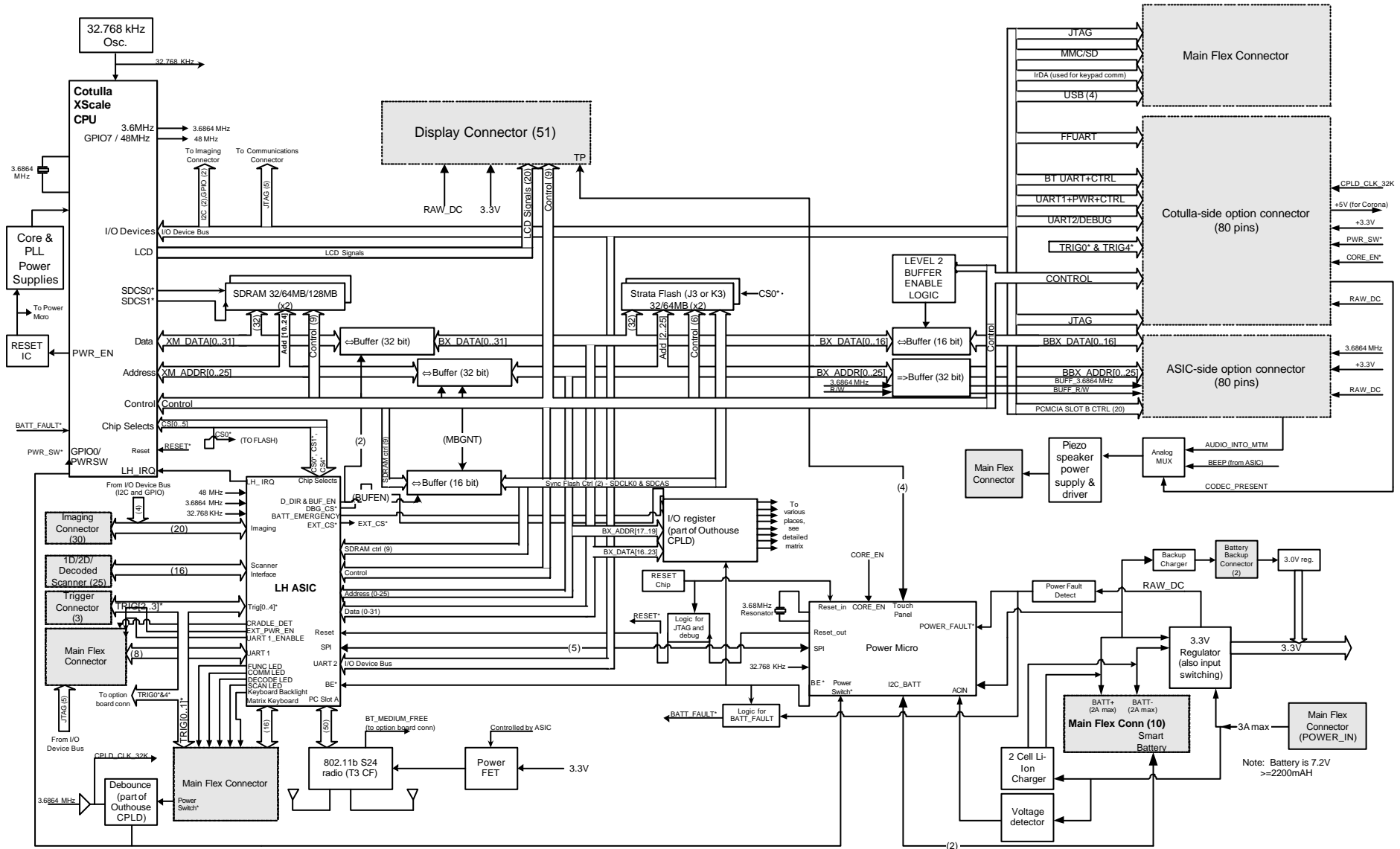


Figure 2: Detailed block diagram – entire PCB

Figures 3 and 4 below depict detailed block diagrams of the on-board radio.

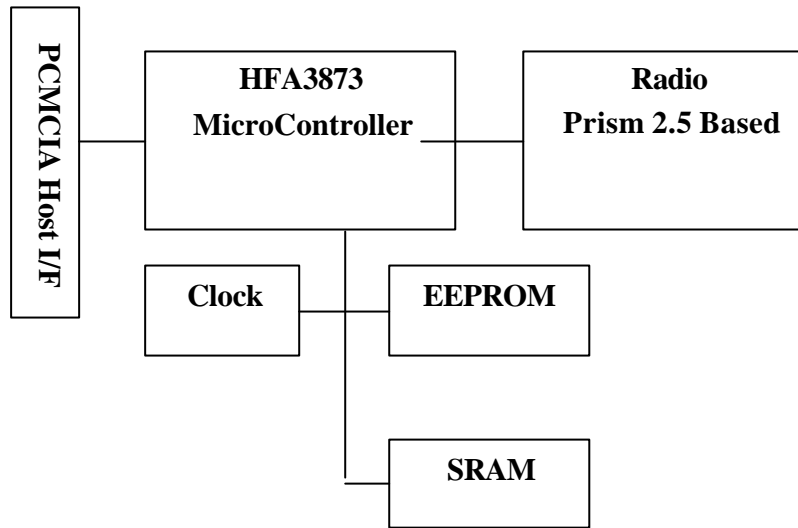


Figure 3: Overall block diagram of on-board radio

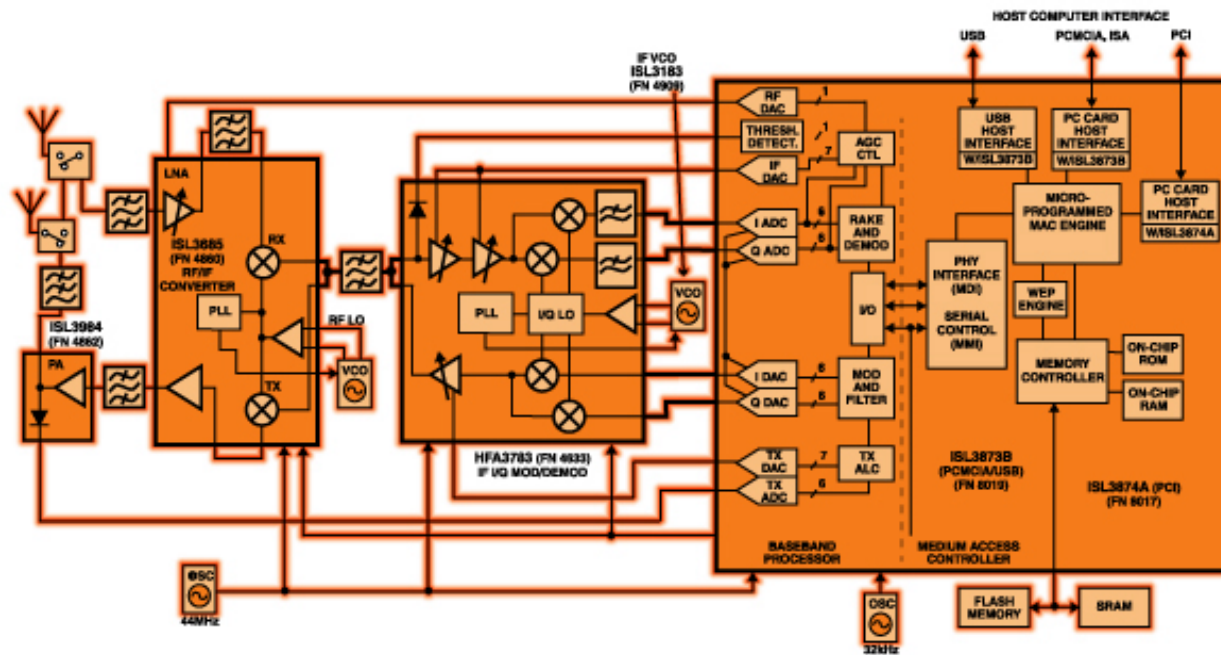


Figure 4: Intersil Prism 2.5 chipset (basis for on-board radio)