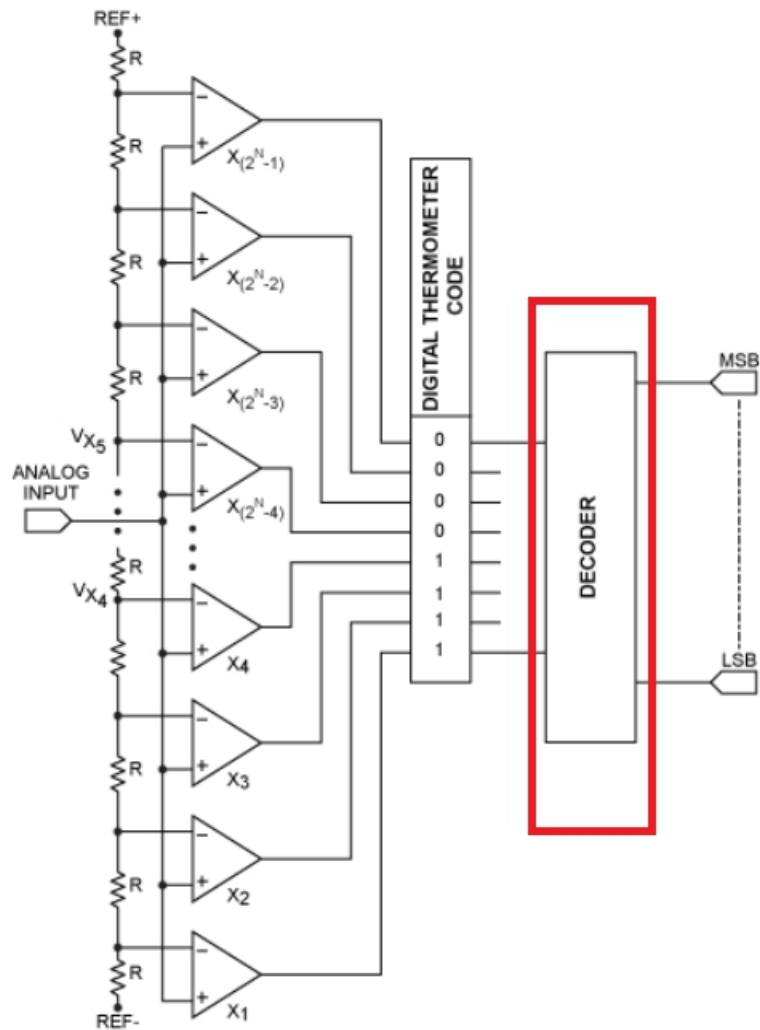# DESIGN 8 BITS FLASH ADC DECODER USING QUARTUS

This project design a thermometer to binary code converter for 8 bits Flash ADC using:

The design for this project will use consist of a mux base thermometer to gray code encoder and a gray code to binary converter:

Figure 10. Proposed multiplexer based encoder for 4-bit flash ADC