$$sign = bit_{31}$$
$$S = (-1)^{sign}$$

$$E = \sum_{i=1}^{7} bit_{i}$$

$$E = \sum_{1}^{7} bit_{(2)}$$

$$E = \sum_{n=0}^{l} bit_{(23+n)} \cdot 2^n$$

n=1

 $F = \sum bit_{(23-n)} \cdot 2^{-n}$

 $value = S \cdot 2^{E-127} \cdot (1+F)$