$$sign = bit_{(p+k-1)}$$

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

$$E = \sum_{n=0}^{k-1} bit_{(p-1+n)} \cdot 2^n$$

$$F = \sum_{n=1}^{p-1} bit_{(p-1-n)} \cdot 2^{-n}$$

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