$$
\begin{aligned}
sign &= bit_{(p+k-1)} \\
S &= (-1)^{sign} \\
E &= \sum_{n=0}^{k-1} bit_{(p-1+n)} \cdot 2^{n} \\
F &= \sum_{n=1}^{p-1} bit_{(p-1-n)} \cdot 2^{-n} \\
value &= S \cdot 2^{E-bias} \cdot (1+F)
\end{aligned}
$$