$$\textbf{dataSize} = \textbf{blockSize} \times \text{blockCount}$$

$$\text{cacheSize} = \text{lineBit} \times \text{blockCount}$$

$$\text{lineBit} = \textbf{validBit} + \text{tagBit} + \textbf{blockSize}$$

$$\textbf{addressBit} = \text{tagBit} + \text{indexBit} + \text{blockBit}$$

$$\text{indexBit} = \log_2 \text{blockCount}$$

$$\text{blockBit} = \log_2 \frac{\textbf{blockSize}}{1 \text{ Byte}}$$