

$$\underline{CHS} \rightarrow LBA$$

$$\textcircled{S} + \textcircled{H} * S/H + \textcircled{C} * H/C * S/H = LBA$$

$$LBA \rightarrow CHS$$

$$\underline{LBA} \bmod S/H \rightarrow S$$

$$\left(\frac{LBA}{S/H} \right) \bmod H/C \rightarrow H$$

$\underbrace{\hspace{10em}}_{\text{head} \text{ dir}}$

$$\frac{\text{head dir}}{H/C} \rightarrow C$$