

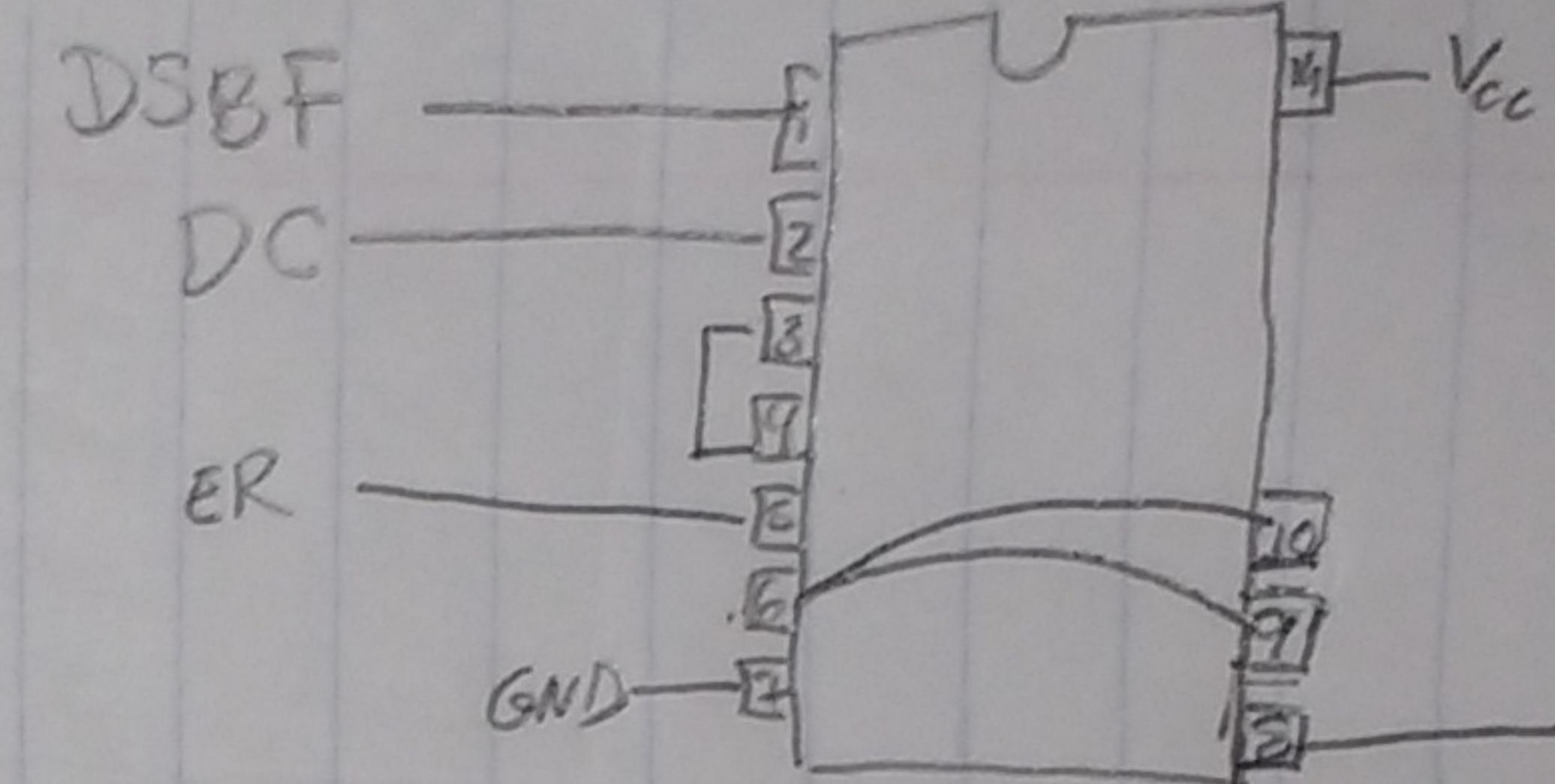
$$1 - \overline{BELL} = ER * (\overline{DSBF} + \overline{DC})$$

$$\Rightarrow ER * (\overline{DSBF * DC})$$

$$\overline{BELL} = \overline{ER * (DSBF * DC)}$$

$$\overline{BELL} = \overline{ER * (DSBF * DC)} * \overline{ER * (DSBF + DC)}$$

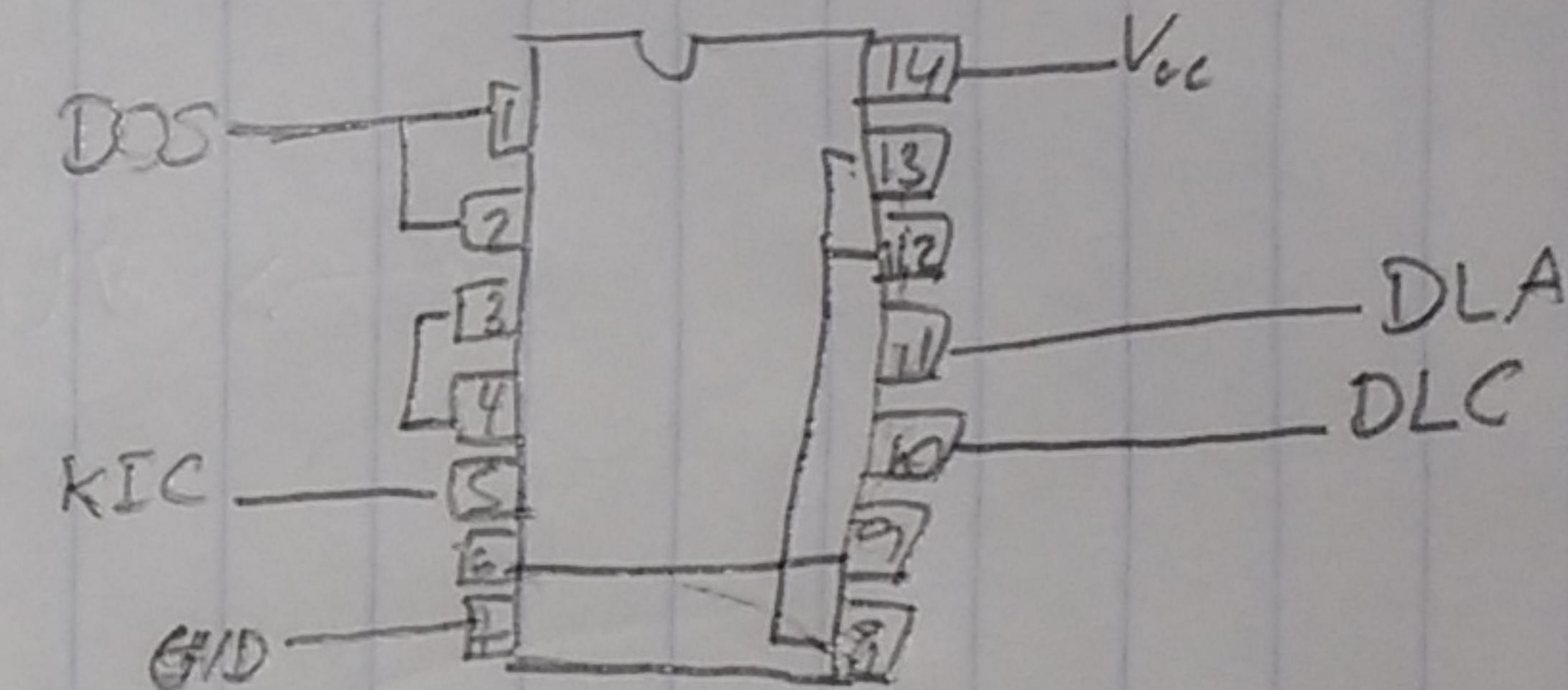
$$BELL = \overline{\overline{ER * (DSBF * DC)} * \overline{ER * (DSBF + DC)}}$$



$$\text{Speed: } 3 \times (3.4 \text{ ns}) = 10.2 \text{ ns}$$

$$2 - \overline{DLA} = DLC * (\overline{KIC} + \overline{DOS})$$

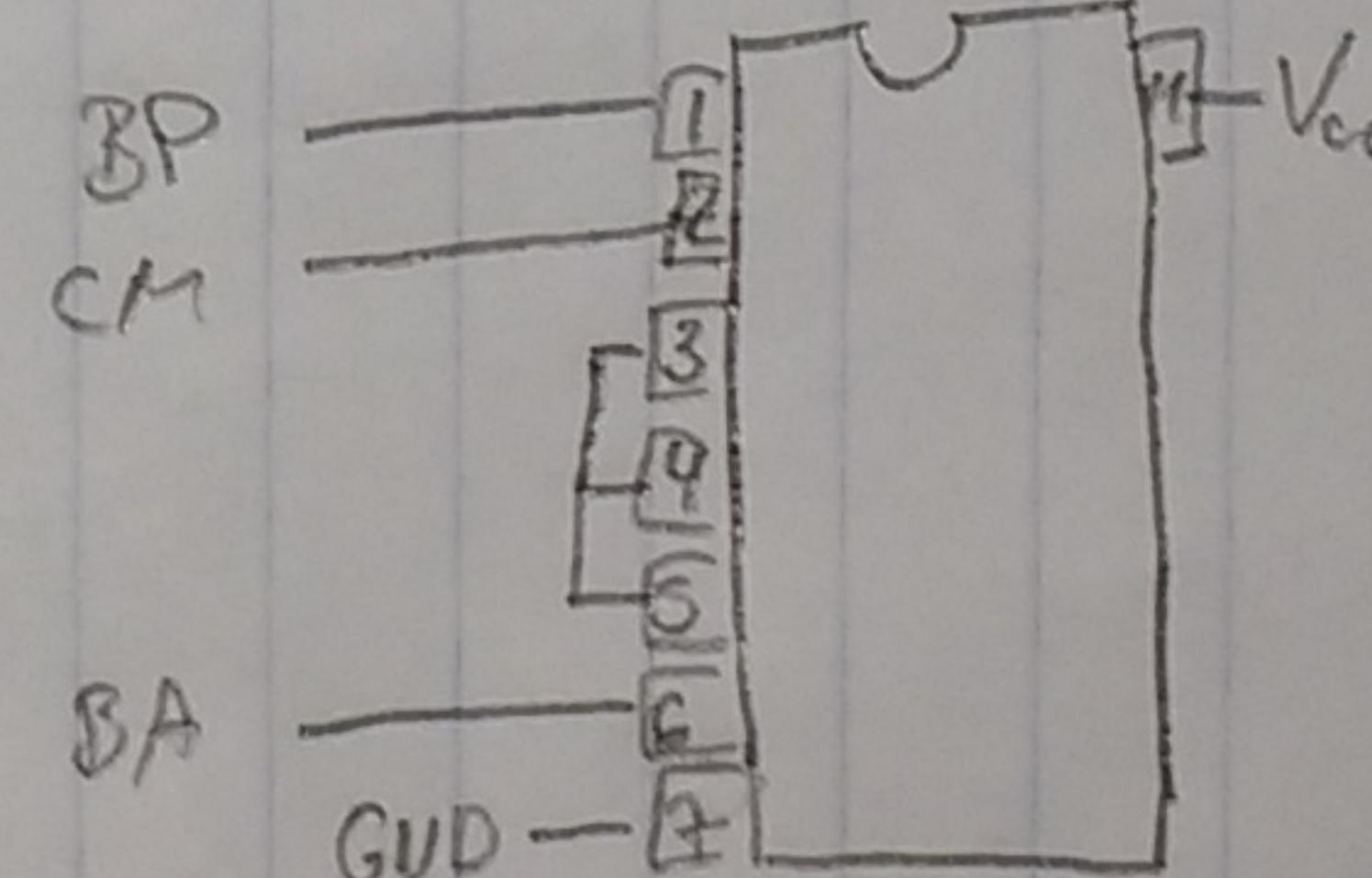
$$\overline{DLA} = \frac{DLC * (\overline{KIC * DOS})}{DLC * (\overline{KIC + DOS})}$$



$$\text{Speed: } 4 \times (3.4 \text{ ns}) = 13.6 \text{ ns}$$

$$3A = BP * CM$$

$$\overline{BA} = \overline{BP * CM}$$



$$\text{Speed: } 2 \times (3.4) \approx 6.8 \text{ ns}$$