



Disallow either \overline{Devsel} or \overline{RD}
 for $C/\overline{D} = 0$ and $R/\overline{W} = 1$
 (attempt to Read data)

$$\overline{RD} \text{ now} = \overline{Q_0 \cdot R/\overline{W}} \rightarrow \text{Low for } Q_0 \text{ high + } R/\overline{W} \text{ high}$$

$$\text{make } \overline{RD} = \text{Low for } Q_0 \text{ high + } R/\overline{W} \text{ high + } C/\overline{D} \text{ high}$$

$$= \overline{Q_0 \cdot R/\overline{W} \cdot C/\overline{D}} = \overline{R/\overline{W} \cdot (C/\overline{D} \cdot Q_0)} = \overline{R/\overline{W} \cdot (C/\overline{D} \cdot \overline{Q_0})}$$

$$= \overline{Q_0 \cdot (R/\overline{W} \cdot C/\overline{D})} = \overline{Q_0} + \overline{(R/\overline{W} \cdot C/\overline{D})}$$

$$\overline{WR} = \overline{Q_0 \cdot R/\overline{W}}$$

$$= \overline{Q_0} + R/\overline{W}$$