$A + 1 = 1$

$A + 0 = A$

$A \cdot 1 = A$

$A \cdot 0 = 0$

$A + A = A$

$A \cdot A = A$

$\overline{\bar{A}} = A$

$A + \bar{A} = 1$

$A \cdot \bar{A} = 0$

$A + B = B + A$

$A \cdot B = B \cdot A$

$\overline{A + B} = \bar{A} \cdot \bar{B}$

$\overline{A \cdot B} = \bar{A} + \bar{B}$

$A \oplus B = A \cdot \bar{B} + \bar{A} \cdot B$

$+ \equiv$ OR

$\cdot \equiv$ AND

$\bar{A}$ = NOT

$\oplus$ = XOR

Make Notes on QRAM

Look up Hamming distance?