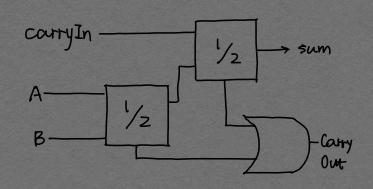
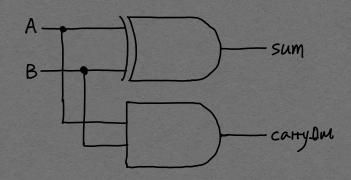
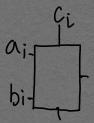
FULL ADDER

Half Adder







$$c_{1} = g_{0} + p_{0}c_{0}$$

$$c_{2} = g_{1} + p_{1}c_{1}$$

$$c_{2} = g_{1} + p_{1}(g_{0} + p_{0}c_{0})$$

$$c_{2} = g_{1} + p_{1}g_{0} + p_{1}p_{0}c_{0}$$

$$c_{3} = g_{2} + p_{2}c_{2}$$

$$c_{3} = g_{2} + p_{2}g_{1} + p_{2}p_{1}g_{0} + p_{2}p_{1}p_{0}c_{0}$$
₂₃

P8 ... P4 93+ P8 ... P3 92+ P8 ... P2 91+ P8 ... P1 90+ P8 P7 ... Po Co