B3   A3   B2   A2   B1   A1

U11 XOR   U6 XOR   U1 XOR

C0   0

U12 XOR   U7 XOR   U2 XOR

U14 AND   U13 AND   U9 AND   U8 AND   U4 AND   U3 AND

U15 OR   U10 OR   U5 OR

C3   S3   C2   S2   C1   S1

3 Bit Parallel Adder