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خوار المال ٢٠ - ١١ ٩٩
module full - adder (sum, cout, a, b, sel, cin)
    input a, b, cin, sel;
    output sum, cout;
    wire wo, w1, w2, w3, w4;
     XOR #1091 (wo, b, see);
     xor #10 92 (w1, w0, a);
     XOR #10 93 (sum, cin, W1);
     OR #5 94 (w2, a, wo);
     AND #5 95 (w3, w2, cin);
     AND #5 96 ( w+ , a, wo);
     OR #5 97 (cout, w3, w4);
  end module
  module full-adder-4bit (A[3:0], B[3:0], sel, $3,52,51,50, cont)
       input A[3:0], B[3:0], sel;
       ontput $3,52,51,50, cent;
       wire w2, w1, w0;
       full -adderge (so, wo, A(O), B(O), sel, sel);
      full-adder 92 (51, W1, Afj B[1], see, wo);
      full_adder 93 (52, w2, A[2], B[2], sel, w1);
     full - adder 94 (53, cont, A[3], B[3], see, w2);
  end module
```