module carries\_c16(pp,gg,cin,carry);

input [7:0]pp,gg;

input cin;

output carry;

assign#10 carry =gg[3] | pp[3]&gg[2] | pp[3]&pp[2]&gg[1] |pp[3]&pp[2]&pp[1]&gg[0] | pp[3]&pp[2]&pp[1]&pp[0]&cin;

endmodule