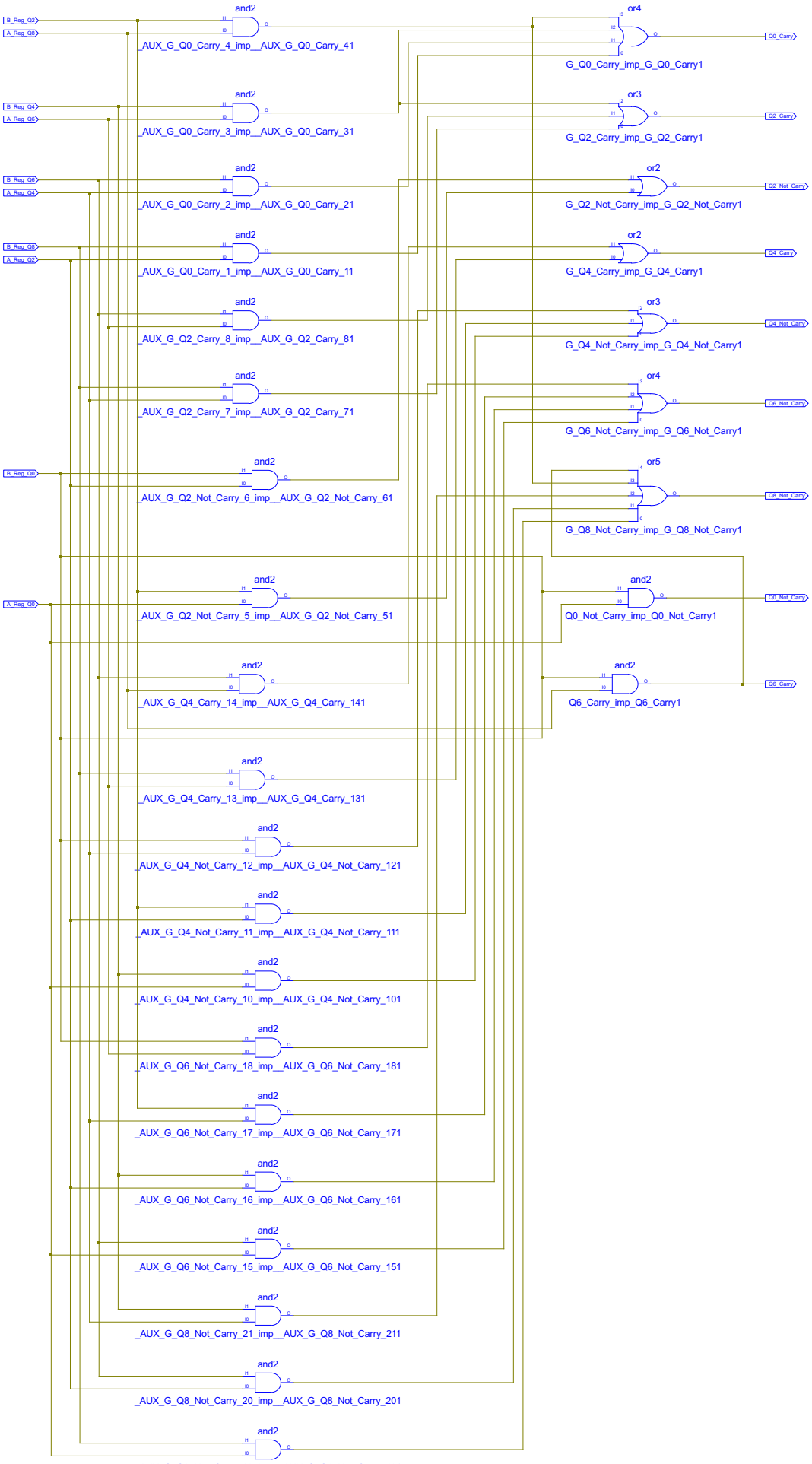
B_Reg_Q2
A_Reg_Q6
and2
_AUX_G_Q0_Carry_4_imp__AUX_G_Q0_Carry_41
B_Reg_Q4
A_Reg_Q6
and2
_AUX_G_Q0_Carry_3_imp__AUX_G_Q0_Carry_31
B_Reg_Q6
A_Reg_Q4
and2
_AUX_G_Q0_Carry_2_imp__AUX_G_Q0_Carry_21
B_Reg_Q8
A_Reg_Q2
and2
_AUX_G_Q0_Carry_1_imp__AUX_G_Q0_Carry_11
and2
_AUX_G_Q2_Carry_8_imp__AUX_G_Q2_Carry_81
and2
_AUX_G_Q2_Carry_7_imp__AUX_G_Q2_Carry_71
B_Reg_Q0
and2
_AUX_G_Q2_Not_Carry_6_imp__AUX_G_Q2_Not_Carry_61
A_Reg_Q0
and2
_AUX_G_Q2_Not_Carry_5_imp__AUX_G_Q2_Not_Carry_51
and2
_AUX_G_Q4_Carry_14_imp__AUX_G_Q4_Carry_141
and2
_AUX_G_Q4_Carry_13_imp__AUX_G_Q4_Carry_131
and2
_AUX_G_Q4_Not_Carry_12_imp__AUX_G_Q4_Not_Carry_121
and2
_AUX_G_Q4_Not_Carry_11_imp__AUX_G_Q4_Not_Carry_111
and2
_AUX_G_Q4_Not_Carry_10_imp__AUX_G_Q4_Not_Carry_101
and2
_AUX_G_Q6_Not_Carry_18_imp__AUX_G_Q6_Not_Carry_181
and2
_AUX_G_Q6_Not_Carry_17_imp__AUX_G_Q6_Not_Carry_171
and2
_AUX_G_Q6_Not_Carry_16_imp__AUX_G_Q6_Not_Carry_161
and2
_AUX_G_Q6_Not_Carry_15_imp__AUX_G_Q6_Not_Carry_151
and2
_AUX_G_Q8_Not_Carry_21_imp__AUX_G_Q8_Not_Carry_211
and2
_AUX_G_Q8_Not_Carry_20_imp__AUX_G_Q8_Not_Carry_201
and2
_AUX_G_Q8_Not_Carry_19_imp__AUX_G_Q8_Not_Carry_191
or4
G_Q0_Carry_imp_G_Q0_Carry1
Q0_Carry
or3
G_Q2_Carry_imp_G_Q2_Carry1
Q2_Carry
or2
G_Q2_Not_Carry_imp_G_Q2_Not_Carry1
Q2_Not_Carry
or2
G_Q4_Carry_imp_G_Q4_Carry1
Q4_Carry
or3
G_Q4_Not_Carry_imp_G_Q4_Not_Carry1
Q4_Not_Carry
or4
G_Q6_Not_Carry_imp_G_Q6_Not_Carry1
Q6_Not_Carry
or5
G_Q8_Not_Carry_imp_G_Q8_Not_Carry1
Q8_Not_Carry
and2
Q0_Not_Carry_imp_Q0_Not_Carry1
Q0_Not_Carry
and2
Q6_Carry_imp_Q6_Carry1
Q6_Carry