Сейчас положим $z_1, z_2, z_3, z_4, z_5, z_6, z_7, z_9, z_{10}$.

$z_1 = \bar{a}_1 a_3$ $(S_Q^{z_1} = 2)$

$z_2 = z_1 y$ $(S_Q^{z_2} = 2)$

$z_3 = \bar{a}_3 \bar{y}$ $(S_Q^{z_3} = 2)$

$z_4 = a_1 \bar{y}$ $(S_Q^{z_4} = 2)$

$z_5 = \bar{a}_4 \bar{y}$ $(S_Q^{z_5} = 2)$

$z_6 = a_3 a_4$ $(S_Q^{z_6} = 2)$

$z_7 = \bar{a}_2 a_4$ $(S_Q^{z_7} = 2)$

~~$z_9 = \bar{a}_1 y$ $(S_Q^{z_9} = 2)$~~

$z_{10} = \bar{a}_2 y$ $(S_Q^{z_{10}} = 2)$

$C_1 = z_4(\bar{a}_2 \vee a_3) \vee z_1(\bar{y} \vee a_1 \bar{a}_2) \vee z_6(z_{10} \vee \bar{a}_1 a_2) \vee z_7 \bar{a}_1 y$ $(S_Q^{C_1} = 22)$

$C_2 = a_2(z_3 \vee z_5) \vee z_2 \vee z_6(\bar{a}_2 \bar{y} \vee z_{10})$ $(S_Q^{C_2} = 13)$

$C_3 = z_1 \bar{z}_7 y \vee a_3(z_7 \bar{a}_1 \vee z_5) \vee a_4(z_1 \vee z_3) \vee$

$\vee z_6 z_{10} a_1 \vee z_2 a_2$ $(S_Q^{C_3} = 23)$

$C_4 = a_2 \bar{a}_4 \vee \bar{a}_2 z_3 \vee z_7 y$ $(S_Q^{C_4} = 9)$

$C_4 V = z_6(z_4 a_2 \vee z_{10}) \vee z_2 \vee z_1 z_{10}$ $(S_Q^{V} = 11)$

$S_Q^{\Sigma} =$ ~~95~~