

The group G is isomorphic to the group labelled by [8, 5] in the Small Groups library.

Ordinary character table of $G \cong C2 \times C2 \times C2$:

	1a	2a	2b	2c	2d	2e	2f	2g
χ_1	1	1	1	1	1	1	1	1
χ_2	1	1	1	1	-1	-1	-1	-1
χ_3	1	1	-1	-1	1	1	-1	-1
χ_4	1	1	-1	-1	-1	-1	1	1
χ_5	1	-1	1	-1	1	-1	1	-1
χ_6	1	-1	1	-1	-1	1	-1	1
χ_7	1	-1	-1	1	1	-1	-1	1
χ_8	1	-1	-1	1	-1	1	1	-1

Trivial source character table of $G \cong C2 \times C2 \times C2$ at $p = 2$:

Normalisers N_i	N_1	N_2	N_3	N_4	N_5	N_6	N_7	N_8	N_9	N_{10}	N_{11}	N_{12}	N_{13}	N_{14}	N_{15}	N_{16}
p -subgroups of G up to conjugacy in G	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}	P_{13}	P_{14}	P_{15}	P_{16}
Representatives $n_j \in N_i$	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8$	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8$	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8$	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8$	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8$	4	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8$	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	2	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	2	2	0	0	2	2	0	0	0	2	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8$	2	0	0	2	2	0	0	2	0	0	2	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	2	2	2	2	0	0	0	0	0	0	0	2	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	2	0	2	0	0	2	0	2	0	0	0	0	2	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	2	2	0	0	0	0	2	2	0	0	0	0	0	2	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8$	2	0	0	2	0	2	2	0	0	0	0	0	0	0	2	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

$$P_1 = \text{Group}([()]) \cong 1$$

$$P_2 = \text{Group}([(5, 6)]) \cong C2$$

$$P_3 = \text{Group}([(3, 4)]) \cong C2$$

$$P_4 = \text{Group}([(3, 4)(5, 6)]) \cong C2$$

$$P_5 = \text{Group}([(1, 2)]) \cong C2$$

$$P_6 = \text{Group}([(1, 2)(5, 6)]) \cong C2$$

$$P_7 = \text{Group}([(1, 2)(3, 4)]) \cong C2$$

$$P_8 = \text{Group}([(1, 2)(3, 4)(5, 6)]) \cong C2$$

$$P_9 = \text{Group}([(3, 4), (1, 2)]) \cong C2 \times C2$$

$$P_{10} = \text{Group}([(5, 6), (1, 2)]) \cong C2 \times C2$$

$$P_{11} = \text{Group}([(3, 4)(5, 6), (1, 2)]) \cong C2 \times C2$$

$$P_{12} = \text{Group}([(5, 6), (3, 4)]) \cong C2 \times C2$$

$$P_{13} = \text{Group}([(3, 4), (1, 2)(5, 6)]) \cong C2 \times C2$$

$$P_{14} = \text{Group}([(5, 6), (1, 2)(3, 4)]) \cong C2 \times C2$$

$$P_{15} = \text{Group}([(3, 4)(5, 6), (1, 2)(5, 6)]) \cong C2 \times C2$$

$$P_{16} = \text{Group}([(5, 6), (3, 4), (1, 2)]) \cong C2 \times C2 \times C2$$

$$N_1 = \text{Group}([(1, 2), (3, 4), (5, 6)]) \cong C2 \times C2 \times C2$$

$$N_2 = \text{Group}([(1, 2), (3, 4), (5, 6)]) \cong C2 \times C2 \times C2$$

$$N_3 = \text{Group}([(1, 2), (3, 4), (5, 6)]) \cong C2 \times C2 \times C2$$

$$N_4 = \text{Group}([(1, 2), (3, 4), (5, 6)]) \cong C2 \times C2 \times C2$$

$$N_5 = \text{Group}([(1, 2), (3, 4), (5, 6)]) \cong C2 \times C2 \times C2$$

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