The group G is isomorphic to the group labelled by [52, 1] in the Small Groups library.

Ordinary character table of $G \cong C13 : C4$:

	1a	4a	2a	4b	13a	26a	26b	13b	13c	26c	26d	13d	26e	13e	13f	26f
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	-1	1	-1	1	1	1	1	1	1	1	1	1	1	1	1
χ_3	1	-E(4)	-1	E(4)	1	-1	-1	1	1	-1	-1	1	-1	1	1	-1
χ_4	1	E(4)	-1	-E(4)	1	-1	-1	1	1	-1	-1	1	-1	1	1	-1
χ_5	2	0	2	0	E(13)^2+E(13)^11	E(13)^2+E(13)^11	E(13)^3+E(13)^10	E(13)^3+E(13)^10	E(13)^6+E(13)^7	E(13)^6+E(13)^7	E(13)^4+E(13)^9	E(13)^4+E(13)^9	E(13)^5+E(13)^8	E(13)^5+E(13)^8	E(13)+E(13)^12	E(13)+E(13)^12
χ_6	2	0	2	0	E(13)^6+E(13)^7	E(13)^6+E(13)^7	E(13)^4+E(13)^9	E(13)^4+E(13)^9	E(13)^5+E(13)^8	E(13)^5+E(13)^8	E(13)+E(13)^12	E(13)+E(13)^12	E(13)^2+E(13)^11	E(13)^2+E(13)^11	E(13)^3+E(13)^10	E(13)^3+E(13)^10
χ_7	2	0	2	0	E(13)^5+E(13)^8	E(13)^5+E(13)^8	E(13)+E(13)^12	E(13)+E(13)^12	E(13)^2+E(13)^11	E(13)^2+E(13)^11	E(13)^3+E(13)^10	E(13)^3+E(13)^10	E(13)^6+E(13)^7	E(13)^6+E(13)^7	E(13)^4+E(13)^9	E(13)^4+E(13)^9
χ_8	2	0	2	0	E(13)+E(13)^12	E(13)+E(13)^12	E(13)^5+E(13)^8	E(13)^5+E(13)^8	E(13)^3+E(13)^10	E(13)^3+E(13)^10	E(13)^2+E(13)^11	E(13)^2+E(13)^11	E(13)^4+E(13)^9	E(13)^4+E(13)^9	E(13)^6+E(13)^7	E(13)^6+E(13)^7
χ_9	2	0	2	0	E(13)^3+E(13)^10	E(13)^3+E(13)^10	E(13)^2+E(13)^11	E(13)^2+E(13)^11	E(13)^4+E(13)^9	E(13)^4+E(13)^9	E(13)^6+E(13)^7	E(13)^6+E(13)^7	E(13)+E(13)^12	E(13)+E(13)^12	E(13)^5+E(13)^8	E(13)^5+E(13)^8
χ_{10}	2	0	2	0	E(13)^4+E(13)^9	E(13)^4+E(13)^9	E(13)^6+E(13)^7	E(13)^6+E(13)^7	E(13)+E(13)^12	E(13)+E(13)^12	E(13)^5+E(13)^8	E(13)^5+E(13)^8	E(13)^3+E(13)^10	E(13)^3+E(13)^10	E(13)^2+E(13)^11	E(13)^2+E(13)^11
χ_{11}	2	0	-2	0	E(13)^2+E(13)^11	-E(13)^2-E(13)^11	-E(13)^3-E(13)^10	E(13)^3+E(13)^10	E(13)^6+E(13)^7	-E(13)^6-E(13)^7	-E(13)^4-E(13)^9	E(13)^4+E(13)^9	-E(13)^5-E(13)^8	E(13)^5+E(13)^8	E(13)+E(13)^12	-E(13)-E(13)^12
χ_{12}	2	0	-2	0	E(13)^6+E(13)^7	-E(13)^6-E(13)^7	-E(13)^4-E(13)^9	E(13)^4+E(13)^9	E(13)^5+E(13)^8	-E(13)^5-E(13)^8	-E(13)-E(13)^12	E(13)+E(13)^12	-E(13)^2-E(13)^11	E(13)^2+E(13)^11	E(13)^3+E(13)^10	-E(13)^3-E(13)^10
χ_{13}	2	0	-2	0	E(13)^5+E(13)^8	-E(13)^5-E(13)^8	-E(13)-E(13)^12	E(13)+E(13)^12	E(13)^2+E(13)^11	-E(13)^2-E(13)^11	-E(13)^3-E(13)^10	E(13)^3+E(13)^10	-E(13)^6-E(13)^7	E(13)^6+E(13)^7	E(13)^4+E(13)^9	-E(13)^4-E(13)^9
χ_{14}	2	0	-2	0	E(13)+E(13)^12	-E(13)-E(13)^12	-E(13)^5-E(13)^8	E(13)^5+E(13)^8	E(13)^3+E(13)^10	-E(13)^3-E(13)^10	-E(13)^2-E(13)^11	E(13)^2+E(13)^11	-E(13)^4-E(13)^9	E(13)^4+E(13)^9	E(13)^6+E(13)^7	-E(13)^6-E(13)^7
χ_{15}	2	0	-2	0	E(13)^3+E(13)^10	-E(13)^3-E(13)^10	-E(13)^2-E(13)^11	E(13)^2+E(13)^11	E(13)^4+E(13)^9	-E(13)^4-E(13)^9	-E(13)^6-E(13)^7	E(13)^6+E(13)^7	-E(13)-E(13)^12	E(13)+E(13)^12	E(13)^5+E(13)^8	-E(13)^5-E(13)^8
χ_{16}	2	0	-2	0	E(13)^4+E(13)^9	-E(13)^4-E(13)^9	-E(13)^6-E(13)^7	E(13)^6+E(13)^7	E(13)+E(13)^12	-E(13)-E(13)^12	-E(13)^5-E(13)^8	E(13)^5+E(13)^8	-E(13)^3-E(13)^10	E(13)^3+E(13)^10	E(13)^2+E(13)^11	-E(13)^2-E(13)^11

Trivial source character table of $G \cong C13 : C4$ at $p = 2$:

Normalisers N_i	N_1							N_2							N_3
p-subgroups of G up to conjugacy in G	P_1							P_2							P_3
Representatives $n_j \in N_i$	1a	13a	13d	13c	13e	13b	13f	1a	13e	13b	13a	13c	13f	13d	1a
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	4	2*E(13)^2+2*E(13)^11	2*E(13)^4+2*E(13)^9	2*E(13)^6+2*E(13)^7	2*E(13)^5+2*E(13)^8	2*E(13)^3+2*E(13)^10	2*E(13)+2*E(13)^12	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	4	2*E(13)^6+2*E(13)^7	2*E(13)+2*E(13)^12	2*E(13)^5+2*E(13)^8	2*E(13)^2+2*E(13)^11	2*E(13)^4+2*E(13)^9	2*E(13)^3+2*E(13)^10	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	4	2*E(13)^5+2*E(13)^8	2*E(13)^3+2*E(13)^10	2*E(13)^2+2*E(13)^11	2*E(13)^6+2*E(13)^7	2*E(13)+2*E(13)^12	2*E(13)^4+2*E(13)^9	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	4	2*E(13)+2*E(13)^12	2*E(13)^2+2*E(13)^11	2*E(13)^3+2*E(13)^10	2*E(13)^4+2*E(13)^9	2*E(13)^5+2*E(13)^8	2*E(13)^6+2*E(13)^7	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16}$	4	2*E(13)^3+2*E(13)^10	2*E(13)^6+2*E(13)^7	2*E(13)^4+2*E(13)^9	2*E(13)+2*E(13)^12	2*E(13)^2+2*E(13)^11	2*E(13)^5+2*E(13)^8	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16}$	4	2*E(13)^4+2*E(13)^9	2*E(13)^5+2*E(13)^8	2*E(13)+2*E(13)^12	2*E(13)^3+2*E(13)^10	2*E(13)^6+2*E(13)^7	2*E(13)^2+2*E(13)^11	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	2	E(13)^6+E(13)^7	E(13)+E(13)^12	E(13)^5+E(13)^8	E(13)^2+E(13)^11	E(13)^4+E(13)^9	E(13)^3+E(13)^10	2	E(13)^2+E(13)^11	E(13)^4+E(13)^9	E(13)^6+E(13)^7	E(13)^5+E(13)^8	E(13)^3+E(13)^10	E(13)+E(13)^12	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	2	E(13)^5+E(13)^8	E(13)^3+E(13)^10	E(13)^2+E(13)^11	E(13)^6+E(13)^7	E(13)+E(13)^12	E(13)^4+E(13)^9	2	E(13)^6+E(13)^7	E(13)+E(13)^12	E(13)^5+E(13)^8	E(13)^2+E(13)^11	E(13)^4+E(13)^9	E(13)^3+E(13)^10	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	2	E(13)+E(13)^12	E(13)^2+E(13)^11	E(13)^3+E(13)^10	E(13)^4+E(13)^9	E(13)^5+E(13)^8	E(13)^6+E(13)^7	2	E(13)^4+E(13)^9	E(13)^5+E(13)^8	E(13)+E(13)^12	E(13)^3+E(13)^10	E(13)^6+E(13)^7	E(13)^2+E(13)^11	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	2	E(13)^3+E(13)^10	E(13)^6+E(13)^7	E(13)^4+E(13)^9	E(13)+E(13)^12	E(13)^2+E(13)^11	E(13)^5+E(13)^8	2	E(13)+E(13)^12	E(13)^2+E(13)^11	E(13)^3+E(13)^10	E(13)^4+E(13)^9	E(13)^5+E(13)^8	E(13)^6+E(13)^7	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	2	E(13)^4+E(13)^9	E(13)^5+E(13)^8	E(13)+E(13)^12	E(13)^3+E(13)^10	E(13)^6+E(13)^7	E(13)^2+E(13)^11	2	E(13)^3+E(13)^10	E(13)^6+E(13)^7	E(13)^4+E(13)^9	E(13)+E(13)^12	E(13)^2+E(13)^11	E(13)^5+E(13)^8	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	2	E(13)^2+E(13)^11	E(13)^4+E(13)^9	E(13)^6+E(13)^7	E(13)^5+E(13)^8	E(13)^3+E(13)^10	E(13)+E(13)^12	2	E(13)^5+E(13)^8	E(13)^3+E(13)^10	E(13)^2+E(13)^11	E(13)^6+E(13)^7	E(13)+E(13)^12	E(13)^4+E(13)^9	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

$P_1 = Group([()]) \cong C2$

$P_2 = Group([(1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,45)(44,47)(46,49)(48,51)(50,52)]) \cong C2$

$P_3 = Group([(1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,45)(44,47)(46,49)(48,51)(50,52), (1,2,3,5)(4,50,7,52)(6,51,9,48)(8,46,11,49)(10,47,13,44)(12,42,15,45)(14,43,17,40)(16,38,19,41)(18,39,21,36)(20,34,23,37)(22,35,25,32)(24,30,27,33)(26,31,29,28)]) \cong C4$

$N_1 = Group([(1,2,3,5)(4,50,7,52)(6,51,9,48)(8,46,11,49)(10,47,13,44)(12,42,15,45)(14,43,17,40)(16,38,19,41)(18,39,21,36)(20,34,23,37)(22,35,25,32)(24,30,27,33)(26,31,29,28), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,45)(44,47)(46,49)(48,51)(50,52), (1,4,8,12,16,20,24,28,32,36,40,44,48)(2,6,10,14,18,22,26,30,34,38,42,46,50)(3,7,11,15,19,23,27,31,35,39,43,47,51)(5,9,13,17,21,25,29,33,37,41,45,49,52)]) \cong C13 : C4$

$N_2 = Group([(1,2,3,5)(4,50,7,52)(6,51,9,48)(8,46,11,49)(10,47,13,44)(12,42,15,45)(14,43,17,40)(16,38,19,41)(18,39,21,36)(20,34,23,37)(22,35,25,32)(24,30,27,33)(26,31,29,28), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,45)(44,47)(46,49)(48,51)(50,52), (1,4,8,12,16,20,24,28,32,36,40,44,48)(2,6,10,14,18,22,26,30,34,38,42,46,50)(3,7,11,15,19,23,27,31,35,39,43,47,51)(5,9,13,17,21,25,29,33,37,41,45,49,52)]) \cong C13 : C4$

$N_3 = Group([(1,2,3,5)(4,50,7,52)(6,51,9,48)(8,46,11,49)(10,47,13,44)(12,42,15,45)(14,43,17,40)(16,38,19,41)(18,39,21,36)(20,34,23,37)(22,35,25,32)(24,30,27,33)(26,31,29,28), (1,3)(2,5)(4,7)(6,9)(8,11)(10,13)(12,15)(14,17)(16,19)(18,21)(20,23)(22,25)(24,27)(26,29)(28,31)(30,33)(32,35)(34,37)(36,39)(38,41)(40,43)(42,45)(44,47)(46,49)(48,51)(50,52)]) \cong C4$