The group G is isomorphic to the group labelled by [52, 4] in the Small Groups library.

Ordinary character table of $G \cong D52$:

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

Trivial source character table of $G \cong D52$ at $p = 13$:

		N_1				N_2		
Normalisers N_i								
p-subgroups of G up to conjugacy in G		P_1				P_2		
Representatives $n_j \in N_i$	1a	2a	2b	2c	1a	2b	2a	2c
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	13	-1	13	-1	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	13	1	13	1	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+1\cdot\chi_{15}+1\cdot\chi_{16}$	13	-1	-13	1	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+1\cdot\chi_{15}+1\cdot\chi_{16}$	13	1	-13	-1	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	1	1	1	1	1	1	1	1
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	1	1	-1	-1	1	-1	1	-1
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	1	-1	1	-1	1	1	-1	-1
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}$	1	-1	-1	1	1	-1	-1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1, 36, 20, 4, 40, 24, 8, 44, 28, 12, 48, 32, 16)(2, 38, 22, 6, 42, 26, 10, 46, 30, 14, 50, 34, 18)(3, 39, 23, 7, 43, 27, 11, 47, 31, 15, 51, 35, 19)(5, 41, 25, 9, 45, 29, 13, 49, 33, 17, 52, 37, 21)]) \cong C13$

$N_1 = Group([(1, 2)(3, 5)(4, 50)(6, 48)(7, 52)(8, 46)(9, 51)(10, 44)(11, 49)(12, 42)(13, 47)(14, 40)(15, 45)(16, 38)(17, 43)(18, 36)(19, 41)(20, 34)(21, 39)(22, 32)(23, 37)(24, 30)(25, 35)(26, 28)(27, 33)(29, 31), (1, 3)(2, 5)(4, 7)(6, 9)(8, 11)(10, 13)(12, 15)(14, 17)(16, 19)(18, 21)(20, 23)(22, 25)(24, 27)(26, 29)(28, 31)(30, 33)(32, 35)(34, 37)(36, 39)(38, 41)(40, 43)(42, 45)(44, 47)(46, 49)(48, 51)(50, 52), (1, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48)(2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46, 50)(3, 7, 11, 15, 19, 23, 27, 31, 35, 39, 43, 47, 51)(5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 52)]) \cong D52$

$N_2 = Group([(1, 36, 20, 4, 40, 24, 8, 44, 28, 12, 48, 32, 16)(2, 38, 22, 6, 42, 26, 10, 46, 30, 14, 50, 34, 18)(3, 39, 23, 7, 43, 27, 11, 47, 31, 15, 51, 35, 19)(5, 41, 25, 9, 45, 29, 13, 49, 33, 17, 52, 37, 21), (1, 2)(3, 5)(4, 50)(6, 48)(7, 52)(8, 46)(9, 51)(10, 44)(11, 49)(12, 42)(13, 47)(14, 40)(15, 45)(16, 38)(17, 43)(18, 36)(19, 41)(20, 34)(21, 39)(22, 32)(23, 37)(24, 30)(25, 35)(26, 28)(27, 33)(29, 31), (1, 3)(2, 5)(4, 7)(6, 9)(8, 11)(10, 13)(12, 15)(14, 17)(16, 19)(18, 21)(20, 23)(22, 25)(24, 27)(26, 29)(28, 31)(30, 33)(32, 35)(34, 37)(36, 39)(38, 41)(40, 43)(42, 45)(44, 47)(46, 49)(48, 51)(50, 52)]) \cong D52$