

The group G is isomorphic to the group labelled by [68, 3] in the Small Groups library.

Ordinary character table of $G \cong \text{C17} : \text{C4}$:

	$1a$	$4a$	$2a$	$17a$	$4b$	$17b$	$17c$	$17d$
χ_1	1	1	1	1	1	1	1	1
χ_2	1	-1	1	1	-1	1	1	1
χ_3	1	$-E(4)$	-1	1	$E(4)$	1	1	1
χ_4	1	$E(4)$	-1	1	$-E(4)$	1	1	1
χ_5	4	0	0	$E(17)^3 + E(17)^5 + E(17)^{12} + E(17)^{14}$	0	$E(17)^6 + E(17)^7 + E(17)^{10} + E(17)^{11}$	$E(17)^2 + E(17)^8 + E(17)^9 + E(17)^{15}$	$E(17) + E(17)^4 + E(17)^{13} + E(17)^{16}$
χ_6	4	0	0	$E(17)^2 + E(17)^8 + E(17)^9 + E(17)^{15}$	0	$E(17) + E(17)^4 + E(17)^{13} + E(17)^{16}$	$E(17)^6 + E(17)^7 + E(17)^{10} + E(17)^{11}$	$E(17)^3 + E(17)^5 + E(17)^{12} + E(17)^{14}$
χ_7	4	0	0	$E(17) + E(17)^4 + E(17)^{13} + E(17)^{16}$	0	$E(17)^2 + E(17)^8 + E(17)^9 + E(17)^{15}$	$E(17)^3 + E(17)^5 + E(17)^{12} + E(17)^{14}$	$E(17)^6 + E(17)^7 + E(17)^{10} + E(17)^{11}$
χ_8	4	0	0	$E(17)^6 + E(17)^7 + E(17)^{10} + E(17)^{11}$	0	$E(17)^3 + E(17)^5 + E(17)^{12} + E(17)^{14}$	$E(17) + E(17)^4 + E(17)^{13} + E(17)^{16}$	$E(17)^2 + E(17)^8 + E(17)^9 + E(17)^{15}$

Trivial source character table of $G \cong \text{C17} : \text{C4}$ 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 $n_j \in N_i$	$1a$	$17a$	$17b$	$17c$	$17d$	$1a$	$1a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	4	4	4	4	4	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8$	4	$E(17)^6 + E(17)^7 + E(17)^{10} + E(17)^{11}$	$E(17)^3 + E(17)^5 + E(17)^{12} + E(17)^{14}$	$E(17) + E(17)^4 + E(17)^{13} + E(17)^{16}$	$E(17)^2 + E(17)^8 + E(17)^9 + E(17)^{15}$	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	4	$E(17)^3 + E(17)^5 + E(17)^{12} + E(17)^{14}$	$E(17)^6 + E(17)^7 + E(17)^{10} + E(17)^{11}$	$E(17)^2 + E(17)^8 + E(17)^9 + E(17)^{15}$	$E(17) + E(17)^4 + E(17)^{13} + E(17)^{16}$	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8$	4	$E(17) + E(17)^4 + E(17)^{13} + E(17)^{16}$	$E(17)^2 + E(17)^8 + E(17)^9 + E(17)^{15}$	$E(17)^3 + E(17)^5 + E(17)^{12} + E(17)^{14}$	$E(17)^6 + E(17)^7 + E(17)^{10} + E(17)^{11}$	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	4	$E(17)^2 + E(17)^8 + E(17)^9 + E(17)^{15}$	$E(17) + E(17)^4 + E(17)^{13} + E(17)^{16}$	$E(17)^6 + E(17)^7 + E(17)^{10} + E(17)^{11}$	$E(17)^3 + E(17)^5 + E(17)^{12} + E(17)^{14}$	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	2	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

$P_1 = \text{Group}([\emptyset]) \cong 1$
 $P_2 = \text{Group}([(1, 3)(2, 5)(4, 67)(6, 68)(7, 64)(8, 63)(9, 66)(10, 65)(11, 60)(12, 59)(13, 62)(14, 61)(15, 56)(16, 55)(17, 58)(18, 57)(19, 52)(20, 51)(21, 54)(22, 53)(23, 48)(24, 47)(25, 50)(26, 49)(27, 44)(28, 43)(29, 46)(30, 45)(31, 40)(32, 39)(33, 42)(34, 41)(35, 36)(37, 38)]) \cong \text{C2}$
 $P_3 = \text{Group}([(1, 3)(2, 5)(4, 67)(6, 68)(7, 64)(8, 63)(9, 66)(10, 65)(11, 60)(12, 59)(13, 62)(14, 61)(15, 56)(16, 55)(17, 58)(18, 57)(19, 52)(20, 51)(21, 54)(22, 53)(23, 48)(24, 47)(25, 50)(26, 49)(27, 44)(28, 43)(29, 46)(30, 45)(31, 40)(32, 39)(33, 42)(34, 41)(35, 36)(37, 38), (1, 2, 3, 5)(4, 54, 67, 21)(6, 55, 68, 16)(7, 57, 64, 18)(8, 38, 63, 37)(9, 52, 66, 19)(10, 39, 65, 32)(11, 41, 60, 34)(12, 22, 59, 53)(13, 36, 62, 35)(14, 23, 61, 48)(15, 25, 56, 50)(17, 20, 58, 51)(24, 42, 47, 33)(26, 43, 49, 28)(27, 45, 44, 30)(29, 40, 46, 31)]) \cong \text{C4}$

$N_1 = \text{Group}([(1, 2, 3, 5)(4, 54, 67, 21)(6, 55, 68, 16)(7, 57, 64, 18)(8, 38, 63, 37)(9, 52, 66, 19)(10, 39, 65, 32)(11, 41, 60, 34)(12, 22, 59, 53)(13, 36, 62, 35)(14, 23, 61, 48)(15, 25, 56, 50)(17, 20, 58, 51)(24, 42, 47, 33)(26, 43, 49, 28)(27, 45, 44, 30)(29, 40, 46, 31), (1, 3)(2, 5)(4, 67)(6, 68)(7, 64)(8, 63)(9, 66)(10, 65)(11, 60)(12, 59)(13, 62)(14, 61)(15, 56)(16, 55)(17, 58)(18, 57)(19, 52)(20, 51)(21, 54)(22, 53)(23, 48)(24, 47)(25, 50)(26, 49)(27, 44)(28, 43)(29, 46)(30, 45)(31, 40)(32, 39)(33, 42)(34, 41)(35, 36)(37, 38), (1, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64)(2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46, 50, 54, 58, 62, 66)(3, 7, 11, 15, 19, 23, 27, 31, 35, 39, 43, 47, 51, 55, 59, 63, 67)(5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 68)]) \cong \text{C17} : \text{C4}$
 $N_2 = \text{Group}([(1, 3)(2, 5)(4, 67)(6, 68)(7, 64)(8, 63)(9, 66)(10, 65)(11, 60)(12, 59)(13, 62)(14, 61)(15, 56)(16, 55)(17, 58)(18, 57)(19, 52)(20, 51)(21, 54)(22, 53)(23, 48)(24, 47)(25, 50)(26, 49)(27, 44)(28, 43)(29, 46)(30, 45)(31, 40)(32, 39)(33, 42)(34, 41)(35, 36)(37, 38), (1, 2, 3, 5)(4, 54, 67, 21)(6, 55, 68, 16)(7, 57, 64, 18)(8, 38, 63, 37)(9, 52, 66, 19)(10, 39, 65, 32)(11, 41, 60, 34)(12, 22, 59, 53)(13, 36, 62, 35)(14, 23, 61, 48)(15, 25, 56, 50)(17, 20, 58, 51)(24, 42, 47, 33)(26, 43, 49, 28)(27, 45, 44, 30)(29, 40, 46, 31)]) \cong \text{C4}$
 $N_3 = \text{Group}([(1, 2, 3, 5)(4, 54, 67, 21)(6, 55, 68, 16)(7, 57, 64, 18)(8, 38, 63, 37)(9, 52, 66, 19)(10, 39, 65, 32)(11, 41, 60, 34)(12, 22, 59, 53)(13, 36, 62, 35)(14, 23, 61, 48)(15, 25, 56, 50)(17, 20, 58, 51)(24, 42, 47, 33)(26, 43, 49, 28)(27, 45, 44, 30)(29, 40, 46, 31), (1, 3)(2, 5)(4, 67)(6, 68)(7, 64)(8, 63)(9, 66)(10, 65)(11, 60)(12, 59)(13, 62)(14, 61)(15, 56)(16, 55)(17, 58)(18, 57)(19, 52)(20, 51)(21, 54)(22, 53)(23, 48)(24, 47)(25, 50)(26, 49)(27, 44)(28, 43)(29, 46)(30, 45)(31, 40)(32, 39)(33, 42)(34, 41)(35, 36)(37, 38)]) \cong \text{C4}$